



Technical Manual

50Hz AC Fan Coil Unit 2-Pipe Duct MKT3(C) Series



CONTENTS




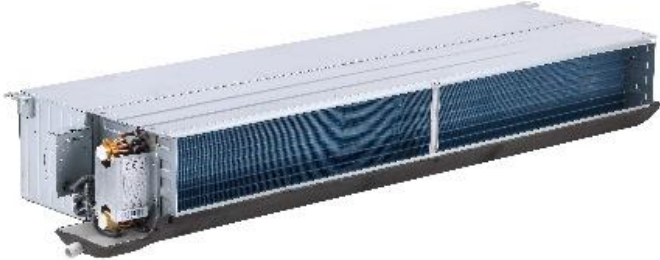
| | |
|----------------------------------|-----|
| Part 1 General Information | 3 |
| Part 2 Performance | 7 |
| Part 3 Accessories | 107 |

Part 1

General Information

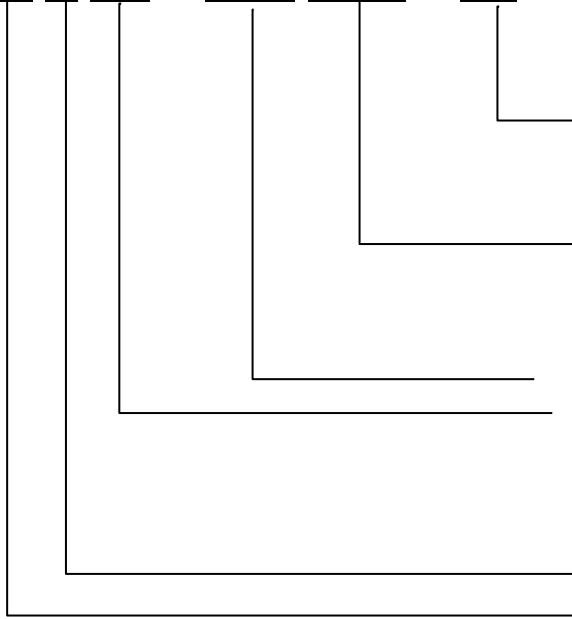
| | | |
|---|----------------------|---|
| 1 | Product lineup | 4 |
| 2 | Nomenclature | 5 |

1 Product lineup

| Model | Power supply | Appearance |
|-----------------|------------------|--|
| MKT3-200G12-CL | 220-240V~1N~50Hz |  |
| MKT3-200G30-CL | | |
| MKT3-200G50-CL | | |
| MKT3-300G12-CL | 220-240V~1N~50Hz | |
| MKT3-300G30-CL | | |
| MKT3-300G50-CL | | |
| MKT3-400G12-CL | 220-240V~1N~50Hz |  |
| MKT3-400G30-CL | | |
| MKT3-400G50-CL | | |
| MKT3-500G12-CL | 220-240V~1N~50Hz | |
| MKT3-500G30-CL | | |
| MKT3-500G50-CL | | |
| MKT3-600G12-CL | 220-240V~1N~50Hz | |
| MKT3-600G30-CL | | |
| MKT3-600G50-CL | | |
| MKT3-700G12-CL | 220-240V~1N~50Hz | |
| MKT3-700G30-CL | | |
| MKT3-700G50-CL | | |
| MKT3-800G12-CL | 220-240V~1N~50Hz |  |
| MKT3-800G30-CL | | |
| MKT3-800G50-CL | | |
| MKT3-1000G12-CL | 220-240V~1N~50Hz | |
| MKT3-1000G30-CL | | |
| MKT3-1000G50-CL | | |
| MKT3-1200G12-CL | 220-240V~1N~50Hz |  |
| MKT3-1200G30-CL | | |
| MKT3-1200G50-CL | | |
| MKT3-1400G12-CL | 220-240V~1N~50Hz | |
| MKT3-1400G30-CL | | |
| MKT3-1400G50-CL | | |

2 Nomenclature

M K T3 – 200 G30 – CL



Design Generation & Connection

CL: C Generation left connection

CR: C Generation right connection

External Static Pressure

G12: 12Pa

G30: 30Pa; **G50:** 50Pa

Nominal Air Volume (200CFM)

Type Code

T2: 2-row duct

T3: 3-row duct

T4: 4-row duct

Chilled Water Fan Coil Unit

Midea

Part 2

Performance

| | |
|----------------------------------|-----|
| 1 Specifications..... | 8 |
| 2 Dimensions | 18 |
| 3 Capacity Tables | 19 |
| 4 Octave Band Levels | 83 |
| 5 Static Pressure Graphs | 99 |
| 6 Wiring Diagrams | 104 |
| 7 Electrical Characteristic..... | 105 |

1 Specifications

| Model name | | MKT3-200G12-CL | MKT3-200G30-CL | MKT3-200G50-CL | |
|-----------------------------------|-------------------------|-------------------|--------------------------------------|----------------|----------------|
| Power supply | | V/Ph/Hz | 220-240/1/50 | | |
| Air flow (H/M/L) | | m ³ /h | 340/257/172 | | |
| | | CFM | 200/151/101 | | |
| Standard external static pressure | | Pa | 12 | 30 | 50 |
| Cooling | Capacity (H/M/L) | kW | 2.35/2.00/1.50 | 2.50/2.10/1.56 | 2.50/2.10/1.56 |
| | Water flow rate (H/M/L) | m ³ /h | 0.40/0.34/0.26 | 0.43/0.36/0.27 | 0.43/0.36/0.27 |
| | Water pressure (H/M/L) | kPa | 24/20/15 | 27/24/19 | 27/24/19 |
| Heating | Capacity (H/M/L) | kW | 3.90/3.09/2.15 | 4.10/3.20/2.20 | 4.10/3.20/2.20 |
| | Water flow rate (H/M/L) | m ³ /h | 0.66/0.53/0.37 | 0.70/0.54/0.37 | 0.70/0.54/0.37 |
| | Water pressure (H/M/L) | kPa | 20/16/12 | 22/20/16 | 22/20/16 |
| Power input(H/M/L) | | W | 36/25/23 | 42/36/29 | 48/38/31 |
| Auxiliary electric heater(AEH) | | W | 500 | 500 | 500 |
| Current input(H/M/L) | | A | 0.16/0.11/0.10 | 0.19/0.16/0.13 | 0.22/0.17/0.14 |
| Sound pressure level (H/M/L) | | dB(A) | 35.0/26.5/23.5 | 37.0/30.0/23.0 | 40.0/32.0/24.0 |
| Fan motor | Type | | Low noise 3-speed AC capacitor motor | | |
| | Quantity | | 1 | | |
| Fan | Type | | Centrifugal, forward-curved blades | | |
| | Quantity | | 1 | | |
| Coil | Row | | 3 | | |
| | MAX. working pressure | MPa | 1.6MPa | | |
| | Diameter | mm | 7 | | |
| Body | Dimensions (W×H×D) (CB) | mm | 632×243×482 | | |
| | Packing (W×H×D) (CB) | mm | 698×270×520 | | |
| | Net weight (CB) | kg | 12.3 | | |
| | Gross weight (CB) | kg | 14.4 | | |
| Pipe connection | Water inlet/outlet pipe | inch | RC3/4 | | |
| | Drain pipe | inch | R3/4 | | |

NOTES:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C WB, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room with background level 11.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. For the parameters of Body, "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left/right pipe connection direction can be changed in the field, but cooling and heating capacity should be multiplied with correction factor 0.9;
9. The performance parameters on above sheet are tested under 220V~50Hz power supply;
10. Auxiliary electric heater (AEH) is optional.

| Model name | | | MKT3-300G12-CL | MKT3-300G30-CL | MKT3-300G50-CL |
|-----------------------------------|-------------------------|-------------------|--------------------------------------|----------------|----------------|
| Power supply | | V/Ph/Hz | 220-240/1/50 | | |
| Air flow (H/M/L) | | m ³ /h | 510/384/256 | 510/384/256 | 510/385/257 |
| | | CFM | 300/226/151 | 300/226/151 | 300/226/151 |
| Standard external static pressure | | Pa | 12 | 30 | 50 |
| Cooling | Capacity (H/M/L) | kW | 3.40/2.90/2.21 | 3.40/2.90/2.21 | 3.40/2.90/2.20 |
| | Water flow rate (H/M/L) | m ³ /h | 0.58/0.50/0.38 | | |
| | Water pressure (H/M/L) | kPa | 24/19/14 | | |
| Heating | Capacity (H/M/L) | kW | 5.67/4.52/3.18 | 5.67/4.52/3.18 | 5.67/4.52/3.17 |
| | Water flow rate (H/M/L) | m ³ /h | 0.96/0.77/0.54 | | |
| | Water pressure (H/M/L) | kPa | 20/16/12 | | |
| Power input(H/M/L) | | W | 50/28/23 | 57/40/32 | 64/50/38 |
| Auxiliary electric heater(AEH) | | W | 600 | 600 | 600 |
| Current input(H/M/L) | | A | 0.23/0.13/0.10 | 0.26/0.18/0.15 | 0.29/0.23/0.17 |
| Sound pressure level (H/M/L) | | dB(A) | 39.0/27.5/26.0 | 40.5/33.0/26.0 | 42.0/34.0/31.0 |
| Fan motor | Type | | Low noise 3-speed AC capacitor motor | | |
| | Quantity | | 1 | | |
| Fan | Type | | Centrifugal, forward-curved blades | | |
| | Quantity | | 2 | 1 | 1 |
| Coil | Row | | 3 | | |
| | MAX. working pressure | MPa | 1.6MPa | | |
| | Diameter | mm | 7 | | |
| Body | Dimensions (W×H×D) (CB) | mm | 773×243×482 | | |
| | Packing (W×H×D) (CB) | mm | 843×270×520 | | |
| | Net weight (CB) | kg | 14.7 | | |
| | Gross weight (CB) | kg | 16.9 | | |
| Pipe connection | Water inlet/outlet pipe | inch | RC3/4 | | |
| | Drain pipe | inch | R3/4 | | |

NOTES:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C WB, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room with background level 11.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. For the parameters of Body, "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left/right pipe connection direction can be changed in the field, but cooling and heating capacity should be multiplied with correction factor 0.9;
9. The performance parameters on above sheet are tested under 220V~50Hz power supply;
10. Auxiliary electric heater (AEH) is optional.

| Model name | | MKT3-400G12-CL | MKT3-400G30-CL | MKT3-400G50-CL | |
|-----------------------------------|-------------------------|--------------------------------------|----------------|----------------|----------------|
| Power supply | | V/Ph/Hz | 220-240/1/50 | | |
| Air flow(H/M/L) | | m ³ /h | 680/516/344 | | |
| | | CFM | 400/303/202 | | |
| Standard external static pressure | | Pa | 12 | 30 | 50 |
| Cooling | Capacity (H/M/L) | kW | 4.41/3.77/2.90 | | |
| | Water flow rate (H/M/L) | m ³ /h | 0.76/0.65/0.50 | | |
| | Water pressure (H/M/L) | kPa | 24/21/16 | | |
| Heating | Capacity (H/M/L) | kW | 7.35/5.89/4.19 | | |
| | Water flow rate (H/M/L) | m ³ /h | 1.25/1.00/0.71 | | |
| | Water pressure (H/M/L) | kPa | 20/17/13 | | |
| Power input (H/M/L) | | W | 60/47/39 | 70/47/40 | 81/64/57 |
| Auxiliary electric heater(AEH) | | W | 1000 | 1000 | 1000 |
| Current input (H/M/L) | | A | 0.27/0.21/0.18 | 0.32/0.21/0.18 | 0.37/0.29/0.26 |
| Sound pressure level (H/M/L) | | dB(A) | 41.0/30.5/24.0 | 40.5/34.0/26.0 | 44.0/37.0/33.0 |
| Fan motor | Type | Low noise 3-speed AC capacitor motor | | | |
| | Quantity | 1 | | | |
| Fan | Type | Centrifugal, forward-curved blades | | | |
| | Quantity | 2 | | | |
| Coil | Row | 3 | | | |
| | MAX. working pressure | MPa | 1.6MPa | | |
| | Diameter | mm | 7 | | |
| Body | Dimensions (W×H×D) (CB) | mm | 908×243×482 | | |
| | Packing (W×H×D) (CB) | mm | 978×270×520 | | |
| | Net weight (CB) | kg | 17.6 | | |
| | Gross weight (CB) | kg | 20.2 | | |
| Pipe connection | Water inlet/outlet pipe | inch | RC3/4 | | |
| | Drain pipe | inch | R3/4 | | |

NOTES:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C WB, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room with background level 11.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. For the parameters of Body, "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left/right pipe connection direction can be changed in the field, but cooling and heating capacity should be multiplied with correction factor 0.9;
9. The performance parameters on above sheet are tested under 220V~50Hz power supply;
10. Auxiliary electric heater (AEH) is optional.

| Model name | | MKT3-500G12-CL | MKT3-500G30-CL | MKT3-500G50-CL | |
|-----------------------------------|-------------------------|--------------------------------------|----------------|----------------|----------------|
| Power supply | | V/Ph/Hz | 220-240/1/50 | | |
| Air flow(H/M/L) | | m ³ /h | 850/643/429 | | |
| | | CFM | 500/379/252 | | |
| Standard external static pressure | | Pa | 12 | 30 | 50 |
| Cooling | Capacity (H/M/L) | kW | 5.00/4.27/3.36 | | |
| | Water flow rate (H/M/L) | m ³ /h | 0.86/0.73/0.58 | | |
| | Water pressure (H/M/L) | kPa | 30/23/18 | | |
| Heating | Capacity (H/M/L) | kW | 8.60/6.93/5.03 | | |
| | Water flow rate (H/M/L) | m ³ /h | 1.46/1.18/0.86 | | |
| | Water pressure (H/M/L) | kPa | 24/19/15 | | |
| Power input(H/M/L) | | W | 74/69/53 | 83/67/56 | 97/65/55 |
| Auxiliary electric heater(AEH) | | W | 1000 | 1000 | 1000 |
| Current input(H/M/L) | | A | 0.34/0.31/0.24 | 0.38/0.30/0.25 | 0.44/0.30/0.25 |
| Sound pressure level(H/M/L) | | dB(A) | 43.0/34.0/28.5 | 42.0/36.0/27.0 | 46.0/40.0/33.0 |
| Fan motor | Type | Low noise 3-speed AC capacitor motor | | | |
| | Quantity | 1 | | | |
| Fan | Type | Centrifugal, forward-curved blades | | | |
| | Quantity | 2 | | | |
| Coil | Row | 3 | | | |
| | MAX. working pressure | MPa | 1.6MPa | | |
| | Diameter | mm | 7 | | |
| Body | Dimensions (W×H×D) (CB) | mm | 908×243×482 | | |
| | Packing (W×H×D) (CB) | mm | 978×270×520 | | |
| | Net weight (CB) | kg | 17.6 | | |
| | Gross weight (CB) | kg | 20.2 | | |
| Pipe connection | Water inlet/outlet pipe | inch | RC3/4 | | |
| | Drain pipe | inch | R3/4 | | |

NOTES:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C WB, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room with background level 11.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. For the parameters of Body, "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left/right pipe connection direction can be changed in the field, but cooling and heating capacity should be multiplied with correction factor 0.9;
9. The performance parameters on above sheet are tested under 220V~50Hz power supply;
10. Auxiliary electric heater (AEH) is optional.

| Model name | | | MKT3-600G12-CL | MKT3-600G30-CL | MKT3-600G50-CL |
|-----------------------------------|-------------------------|--------------------------------------|----------------|----------------|----------------|
| Power supply | | V/Ph/Hz | 220-240/1/50 | | |
| Air flow(H/M/L) | | m ³ /h | 1020/784/523 | 1020/784/523 | 1020/799/533 |
| | | CFM | 600/461/308 | 600/461/308 | 600/470/313 |
| Standard external static pressure | | Pa | 12 | 30 | 50 |
| Cooling | Capacity (H/M/L) | kW | 6.00/5.16/4.06 | 6.00/5.16/4.06 | 6.00/5.19/4.08 |
| | Water flow rate (H/M/L) | m ³ /h | 1.03/0.89/0.70 | | |
| | Water pressure (H/M/L) | kPa | 38/28/25 | | |
| Heating | Capacity (H/M/L) | kW | 9.98/8.14/5.96 | 9.98/8.14/5.96 | 9.98/8.19/6.01 |
| | Water flow rate (H/M/L) | m ³ /h | 1.70/1.38/1.01 | | |
| | Water pressure (H/M/L) | kPa | 31/23/20 | | |
| Power input (H/M/L) | | W | 93/68/56 | 102/78/64 | 114/85/76 |
| Auxiliary electric heater(AEH) | | W | 1500 | 1500 | 1500 |
| Current input (H/M/L) | | A | 0.42/0.31/0.25 | 0.46/0.35/0.29 | 0.52/0.39/0.35 |
| Sound pressure level (H/M/L) | | dB(A) | 45.0/36.6/31.0 | 43.0/37.0/27.0 | 47.0/42.0/33.0 |
| Fan motor | Type | Low noise 3-speed AC capacitor motor | | | |
| | Quantity | 1 | | | |
| Fan | Type | Centrifugal, forward-curved blades | | | |
| | Quantity | 2 | | | |
| Coil | Row | 3 | | | |
| | MAX. working pressure | MPa | 1.6 | | |
| | Diameter | mm | 7 | | |
| Body | Dimensions (W×H×D) (CB) | mm | 1003×243×482 | | |
| | Packing (W×H×D) (CB) | mm | 1073×270×520 | | |
| | Net weight (CB) | kg | 18.8 | | |
| | Gross weight (CB) | kg | 21.5 | | |
| Pipe connection | Water inlet/outlet pipe | inch | RC3/4 | | |
| | Drain pipe | inch | R3/4 | | |

NOTES:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C WB, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room with background level 11.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. For the parameters of Body, "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left/right pipe connection direction can be changed in the field, but cooling and heating capacity should be multiplied with correction factor 0.9;
9. The performance parameters on above sheet are tested under 220V~50Hz power supply;
10. Auxiliary electric heater (AEH) is optional.

| Model name | | MKT3-700G12-CL | MKT3-700G30-CL | MKT3-700G50-CL |
|-----------------------------------|-------------------------|--------------------------------------|-----------------|-----------------|
| Power supply | | V/Ph/Hz | 220-240/1/50 | |
| Air flow(H/M/L) | | m ³ /h | 1150/866/578 | 1190/896/598 |
| | | CFM | 677/510/340 | 700/528/352 |
| Standard external static pressure | | Pa | 12 | 30 |
| Cooling | Capacity (H/M/L) | kW | 7.05/6.00/4.68 | 7.20/6.13/4.79 |
| | Water flow rate (H/M/L) | m ³ /h | 1.21/1.03/0.80 | 1.24/1.05/0.82 |
| | Water pressure (H/M/L) | kPa | 28/22/18 | 30/23/20 |
| Heating | Capacity (H/M/L) | kW | 11.70/9.39/6.81 | 12.00/9.66/7.01 |
| | Water flow rate (H/M/L) | m ³ /h | 1.99/1.60/1.16 | 2.04/1.64/1.19 |
| | Water pressure (H/M/L) | kPa | 23/18/15 | 24/19/16 |
| Power input (H/M/L) | | W | 112/97/80 | 121/88/72 |
| Auxiliary electric heater(AEH) | | W | 1500 | 1500 |
| Current input (H/M/L) | | A | 0.51/0.44/0.36 | 0.55/0.40/0.33 |
| Sound pressure level (H/M/L) | | dB(A) | 46.0/38.0/30.0 | 46.0/39.0/31.0 |
| Fan motor | Type | Low noise 3-speed AC capacitor motor | | |
| | Quantity | 1 | | |
| Fan | Type | Centrifugal, forward-curved blades | | |
| | Quantity | 2 | | |
| Coil | Row | 3 | | |
| | MAX. working pressure | MPa | 1.6 | |
| | Diameter | mm | 7 | |
| Body | Dimensions (W×H×D) (CB) | mm | 1178×243×482 | |
| | Packing (W×H×D) (CB) | mm | 1248×270×520 | |
| | Net weight (CB) | kg | 21.4 | |
| | Gross weight (CB) | kg | 24.5 | |
| Pipe connection | Water inlet/outlet pipe | inch | RC3/4 | |
| | Drain pipe | inch | R3/4 | |

NOTES:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C WB, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room with background level 11.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. For the parameters of Body, "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left/right pipe connection direction can be changed in the field, but cooling and heating capacity should be multiplied with correction factor 0.9;
9. The performance parameters on above sheet are tested under 220V~50Hz power supply;
10. Auxiliary electric heater (AEH) is optional.

| Model name | | MKT3-800G12-CL | MKT3-800G30-CL | MKT3-800G50-CL | |
|-----------------------------------|-------------------------|--------------------------------------|------------------|----------------|----------------|
| Power supply | | V/Ph/Hz | 220-240/1/50 | | |
| Air flow (H/M/L) | | m ³ /h | 1360/1031/687 | | |
| | | CFM | 800/607/404 | | |
| Standard external static pressure | | Pa | 12 | 30 | 50 |
| Cooling | Capacity (H/M/L) | kW | 8.03/6.87/5.40 | | |
| | Water flow rate (H/M/L) | m ³ /h | 1.38/1.18/0.93 | | |
| | Water pressure (H/M/L) | kPa | 40/31/25 | | |
| Heating | Capacity (H/M/L) | kW | 13.60/10.98/8.02 | | |
| | Water flow rate (H/M/L) | m ³ /h | 2.31/1.87/1.36 | | |
| | Water pressure (H/M/L) | kPa | 32/25/20 | | |
| Power input (H/M/L) | | W | 130/114/95 | 135/100/80 | 169/122/83 |
| Auxiliary electric heater(AEH) | | W | 2000 | 2000 | 2000 |
| Current input (H/M/L) | | A | 0.59/0.52/0.43 | 0.61/0.45/0.36 | 0.77/0.55/0.38 |
| Sound pressure level (H/M/L) | | dB(A) | 46.0/39.1/30.0 | 44.5/40.0/33.0 | 50.0/39.0/36.0 |
| Fan motor | Type | Low noise 3-speed AC capacitor motor | | | |
| | Quantity | 1 | | | |
| Fan | Type | Centrifugal, forward-curved blades | | | |
| | Quantity | 3 | | | |
| Coil | Row | 3 | | | |
| | MAX. working pressure | MPa | 1.6 | | |
| | Diameter | mm | 7 | | |
| Body | Dimensions (W×H×D) (CB) | mm | 1368×243×482 | | |
| | Packing (W×H×D) (CB) | mm | 1438×270×520 | | |
| | Net weight (CB) | kg | 25.5 | | |
| | Gross weight (CB) | kg | 29.1 | | |
| Pipe connection | Water inlet/outlet pipe | inch | RC3/4 | | |
| | Drain pipe | inch | R3/4 | | |

NOTES:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C WB, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room with background level 11.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. For the parameters of Body, "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left/right pipe connection direction can be changed in the field, but cooling and heating capacity should be multiplied with correction factor 0.9;
9. The performance parameters on above sheet are tested under 220V~50Hz power supply;
10. Auxiliary electric heater (AEH) is optional.

| Model name | | | MKT3-1000G12-CL | MKT3-1000G30-CL | MKT3-1000G50-CL |
|-----------------------------------|-------------------------|--------------------------------------|------------------|------------------|------------------|
| Power supply | | V/Ph/Hz | 220-240/1/50 | | |
| Air flow (H/M/L) | | m ³ /h | 1650/1247/831 | 1700/1284/856 | 1700/1284/856 |
| | | CFM | 971/734/489 | 1000/756/504 | 1000/756/504 |
| Standard external static pressure | | Pa | 12 | 30 | 50 |
| Cooling | Capacity (H/M/L) | kW | 9.00/7.84/6.17 | 9.27/8.08/6.35 | 9.27/8.08/6.35 |
| | Water flow rate (H/M/L) | m ³ /h | 1.55/1.35/1.06 | 1.59/1.39/1.09 | 1.59/1.39/1.09 |
| | Water pressure (H/M/L) | kPa | 38/30/22 | 40/31/23 | 40/31/23 |
| Heating | Capacity (H/M/L) | kW | 15.60/12.82/9.36 | 16.00/13.16/9.61 | 16.00/13.16/9.61 |
| | Water flow rate (H/M/L) | m ³ /h | 2.65/2.18/1.59 | 2.72/2.24/1.63 | 2.72/2.24/1.63 |
| | Water pressure (H/M/L) | kPa | 31/24/18 | 32/25/19 | 32/25/19 |
| Power input (H/M/L) | | W | 147/118/94 | 169/149/133 | 204/141/125 |
| Auxiliary electric heater(AEH) | | W | 2000 | 2000 | 2000 |
| Current input (H/M/L) | | A | 0.67/0.54/0.43 | 0.77/0.68/0.60 | 0.93/0.64/0.57 |
| Sound pressure level (H/M/L) | | dB(A) | 48.0/40.7/33.0 | 47.0/42.0/35.0 | 51.0/45.0/40.0 |
| Fan motor | Type | Low noise 3-speed AC capacitor motor | | | |
| | Quantity | 1 | | | |
| Fan | Type | Centrifugal, forward-curved blades | | | |
| | Quantity | 3 | | | |
| Coil | Row | 3 | | | |
| | MAX. working pressure | MPa | 1.6 | | |
| | Diameter | mm | 7 | | |
| Body | Dimensions (W×H×D) (CB) | mm | 1368×243×482 | | |
| | Packing (W×H×D) (CB) | mm | 1438×270×520 | | |
| | Net weight (CB) | kg | 26 | | |
| | Gross weight (CB) | kg | 29.7 | | |
| Pipe connection | Water inlet/outlet pipe | inch | RC3/4 | | |
| | Drain pipe | inch | R3/4 | | |

NOTES:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C WB, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room with background level 11.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. For the parameters of Body, "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left/right pipe connection direction can be changed in the field, but cooling and heating capacity should be multiplied with correction factor 0.9;
9. The performance parameters on above sheet are tested under 220V~50Hz power supply.
10. Auxiliary electric heater (AEH) is optional.

| Model name | | MKT3-1200G12-CL | MKT3-1200G30-CL | MKT3-1200G50-CL | |
|-----------------------------------|-------------------------|--------------------------------------|-------------------|-----------------|----------------|
| Power supply | | V/Ph/Hz | 220-240/1/50 | | |
| Air flow (H/M/L) | | m ³ /h | 2040/1544/1029 | | |
| | | CFM | 1200/909/606 | | |
| Standard external static pressure | | Pa | 12 | 30 | 50 |
| Cooling | Capacity (H/M/L) | kW | 11.20/9.75/7.67 | | |
| | Water flow rate (H/M/L) | m ³ /h | 1.93/1.68/1.32 | | |
| | Water pressure (H/M/L) | kPa | 40/32/24 | | |
| Heating | Capacity (H/M/L) | kW | 19.20/15.78/11.53 | | |
| | Water flow rate (H/M/L) | m ³ /h | 3.27/2.68/1.96 | | |
| | Water pressure (H/M/L) | kPa | 32/26/20 | | |
| Power input (H/M/L) | | W | 183/133/112 | 206/157/126 | 243/173/128 |
| Auxiliary electric heater(AEH) | | W | 2500 | 2500 | 2500 |
| Current input (H/M/L) | | A | 0.83/0.60/0.51 | 0.94/0.71/0.57 | 1.10/0.79/0.58 |
| Sound pressure level (H/M/L) | | dB(A) | 50.0/42.6/33.0 | 48.0/42.0/35.0 | 52.0/46.0/40.0 |
| Fan motor | Type | Low noise 3-speed AC capacitor motor | | | |
| | Quantity | 2 | | | |
| Fan | Type | Centrifugal, forward-curved blades | | | |
| | Quantity | 4 | | | |
| Coil | Row | 3 | | | |
| | MAX. working pressure | MPa | 1.6 | | |
| | Diameter | mm | 7 | | |
| Body | Dimensions (W×H×D) (CB) | mm | 1658×243×482 | | |
| | Packing (W×H×D) (CB) | mm | 1728×270×520 | | |
| | Net weight (CB) | kg | 33.8 | | |
| | Gross weight (CB) | kg | 39.5 | | |
| Pipe connection | Water inlet/outlet pipe | inch | RC3/4 | | |
| | Drain pipe | inch | R3/4 | | |

NOTES:

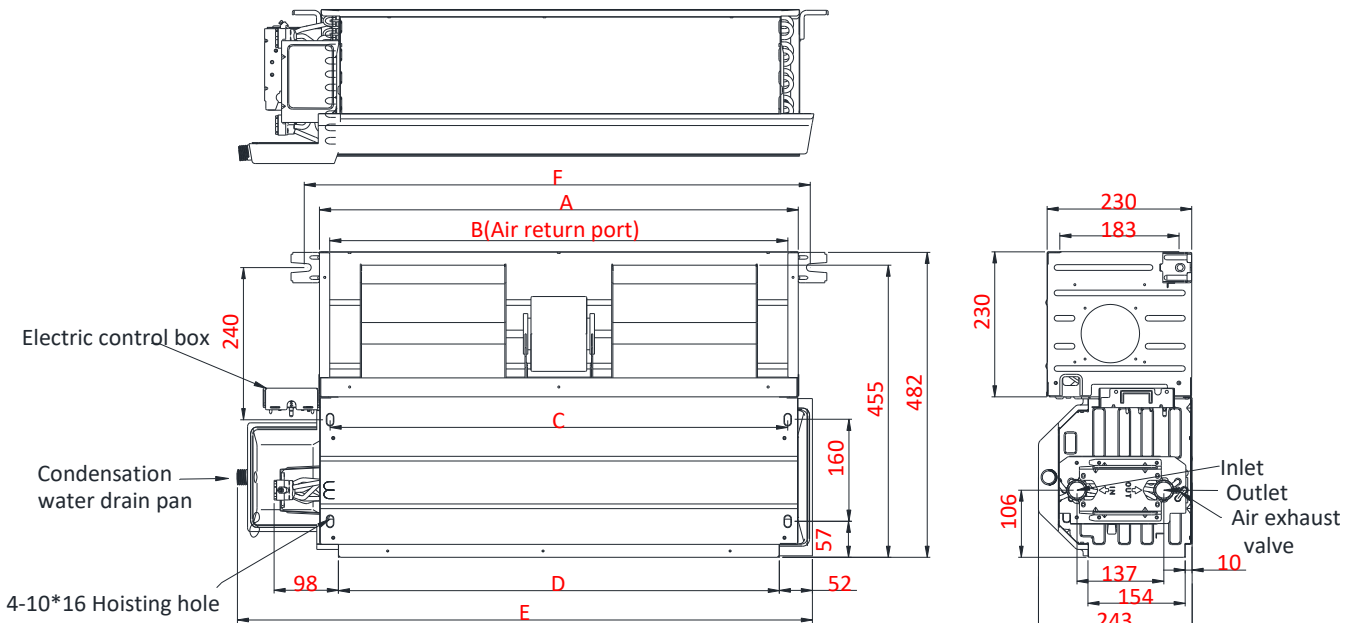
1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C WB, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room with background level 11.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. For the parameters of Body, "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left/right pipe connection direction can be changed in the field, but cooling and heating capacity should be multiplied with correction factor 0.9;
9. The performance parameters on above sheet are tested under 220V~50Hz power supply.
10. Auxiliary electric heater (AEH) is optional.

| Model name | | MKT3-1400G12-CL | MKT3-1400G30-CL | MKT3-1400G50-CL |
|-----------------------------------|-------------------------|--------------------------------------|-------------------|-------------------|
| Power supply | | V/Ph/Hz | 220-240/1/50 | |
| Air flow (H/M/L) | | m ³ /h | 2380/1785/1190 | 2380/1785/1190 |
| | | CFM | 1400/1051/700 | 1400/1051/700 |
| Standard external static pressure | | Pa | 12 | 30 |
| Cooling | Capacity (H/M/L) | kW | 13.00/11.30/8.90 | 13.00/11.30/8.90 |
| | Water flow rate (H/M/L) | m ³ /h | 2.24/1.94/1.53 | |
| | Water pressure (H/M/L) | kPa | 50/39/31 | |
| Heating | Capacity (H/M/L) | kW | 22.16/18.23/13.37 | 22.16/18.23/13.37 |
| | Water flow rate (H/M/L) | m ³ /h | 4.62/3.10/2.27 | |
| | Water pressure (H/M/L) | kPa | 40/32/25 | |
| Power input (H/M/L) | | W | 221/177/140 | 245/179/145 |
| Auxiliary electric heater(AEH) | | W | 2500 | 2500 |
| Current input (H/M/L) | | A | 1.00/0.80/0.64 | 1.11/0.81/0.66 |
| Sound pressure level (H/M/L) | | dB(A) | 52.0/47.1/34.0 | 49.5/43.0/36.0 |
| Fan motor | Type | Low noise 3-speed AC capacitor motor | | |
| | Quantity | 2 | | |
| Fan | Type | Centrifugal, forward-curved blades | | |
| | Quantity | 4 | | |
| Coil | Row | 3 | | |
| | MAX. working pressure | MPa | 1.6 | |
| | Diameter | mm | 7 | |
| Body | Dimensions (W×H×D) (CB) | mm | 1898×243×482 | |
| | Packing (W×H×D) (CB) | mm | 1968×270×520 | |
| | Net weight (CB) | kg | 37.0 | |
| | Gross weight (CB) | kg | 41.5 | |
| Pipe connection | Water inlet/outlet pipe | inch | RC3/4 | |
| | Drain pipe | inch | R3/4 | |

NOTES:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed;
2. Cooling conditions (H speed): water inlet 7°C, water outlet 12°C, entering air temperature 27°C DB/19.5°C WB, rated external static pressure;
3. Heating conditions (H speed): water inlet 60°C, entering air temperature 21°C DB/15°C WB, rated external static pressure. Water flow: same with cooling condition;
4. The above sound level is tested in the semi-anechoic room with background level 11.5dB (A) when the unit is without accessories and running in dry condition;
5. Air flow is tested when the unit is under rated external static pressure without return air box and filter screen in dry condition and 20°C DB;
6. For the parameters of Body, "CB" means that the parameter is tested with air return box;
7. 30Pa is standard, 12Pa and 50Pa need to be customized;
8. Left/right pipe connection direction can be changed in the field, but cooling and heating capacity should be multiplied with correction factor 0.9;
9. The performance parameters on above sheet are tested under 220V~50Hz power supply.
10. Auxiliary electric heater (AEH) is optional.

2 Dimensions



| Model Size | 200-model | 300- Model | 400-Model 500-Model | 600-Model | 700-Model | 800-Model 1000-Model | 1200-Model | 1400-Model |
|---------------|-----------|---------------|------------------------|-----------|-----------|-------------------------|------------|------------|
| | A | 475 | 620 | 755 | 850 | 1025 | 1215 | 1505 |
| B | 443 | 588 | 723 | 818 | 993 | 1183 | 1473 | 1713 |
| C | 442 | 587 | 722 | 817 | 992 | 1182 | 1472 | 1712 |
| D | 415 | 560 | 695 | 790 | 965 | 1155 | 1445 | 1685 |
| E | 632 | 773 | 908 | 1003 | 1178 | 1368 | 1658 | 1898 |
| F | 513 | 658 | 793 | 888 | 1063 | 1253 | 1543 | 1783 |

3 Capacity Tables

Cooling Capacity Table

| MKT3-200G12-CL | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----|--------------------|---------------------------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 5 | 3 | 15 | 1.85 | 1.39 | 0.53 | 26.11 | 1.84 | 1.58 | 0.53 | 25.88 | 1.87 | 1.77 | 0.54 | 26.47 | 1.97 | 1.97 | 0.56 | 28.76 | 2.16 | 2.16 | 0.62 | 33.63 |
| | | 17 | 2.43 | 1.40 | 0.70 | 41.58 | 2.42 | 1.59 | 0.69 | 41.12 | 2.40 | 1.78 | 0.69 | 40.65 | 2.38 | 1.96 | 0.68 | 40.05 | 2.38 | 2.15 | 0.68 | 39.83 |
| | | 19 | - | - | - | - | 3.03 | 1.60 | 0.87 | 60.68 | 3.01 | 1.79 | 0.86 | 60.03 | 3.00 | 1.97 | 0.86 | 59.38 | 2.98 | 2.16 | 0.85 | 58.74 |
| | | 20 | - | - | - | - | 3.36 | 1.60 | 0.97 | 73.60 | 3.34 | 1.79 | 0.97 | 72.80 | 3.32 | 1.98 | 0.95 | 71.01 | 3.30 | 2.16 | 0.95 | 71.44 |
| | 4 | 15 | 1.65 | 1.29 | 0.35 | 12.90 | 1.67 | 1.49 | 0.36 | 13.28 | 1.75 | 1.70 | 0.38 | 14.34 | 1.90 | 1.90 | 0.41 | 16.64 | 2.09 | 2.09 | 0.45 | 19.56 |
| | | 17 | 2.26 | 1.31 | 0.49 | 22.30 | 2.24 | 1.51 | 0.48 | 22.05 | 2.23 | 1.69 | 0.48 | 21.81 | 2.22 | 1.88 | 0.48 | 21.68 | 2.25 | 2.08 | 0.48 | 22.11 |
| | | 19 | - | - | - | - | 2.87 | 1.52 | 0.62 | 33.41 | 2.85 | 1.71 | 0.61 | 33.06 | 2.84 | 1.90 | 0.61 | 32.70 | 2.82 | 2.08 | 0.60 | 32.36 |
| | | 20 | - | - | - | - | 3.20 | 1.53 | 0.69 | 40.35 | 3.18 | 1.72 | 0.68 | 39.92 | 3.17 | 1.91 | 0.68 | 39.69 | 3.15 | 2.09 | 0.68 | 39.29 |
| | 5 | 15 | 1.44 | 1.19 | 0.25 | 6.18 | 1.52 | 1.40 | 0.26 | 7.03 | 1.64 | 1.62 | 0.28 | 8.43 | 1.82 | 1.82 | 0.31 | 10.43 | 2.01 | 2.01 | 0.35 | 12.42 |
| | | 17 | 2.04 | 1.22 | 0.35 | 12.71 | 2.03 | 1.41 | 0.35 | 12.56 | 2.02 | 1.60 | 0.35 | 12.47 | 2.05 | 1.80 | 0.35 | 12.77 | 2.11 | 2.00 | 0.36 | 13.48 |
| | | 19 | - | - | - | - | 2.69 | 1.44 | 0.46 | 20.45 | 2.67 | 1.63 | 0.46 | 20.23 | 2.66 | 1.81 | 0.46 | 20.02 | 2.64 | 2.00 | 0.45 | 19.80 |
| | | 20 | - | - | - | - | 3.02 | 1.44 | 0.52 | 24.82 | 3.01 | 1.64 | 0.52 | 24.55 | 2.99 | 1.82 | 0.51 | 24.29 | 2.97 | 2.01 | 0.51 | 24.04 |
| 6 | 15 | 1.31 | 1.12 | 0.19 | 2.98 | 1.42 | 1.34 | 0.20 | 3.62 | 1.55 | 1.55 | 0.22 | 4.67 | 1.74 | 1.74 | 0.25 | 6.30 | 1.93 | 1.93 | 0.28 | 8.14 | |
| | 17 | 1.80 | 1.11 | 0.26 | 6.88 | 1.79 | 1.30 | 0.26 | 6.79 | 1.82 | 1.50 | 0.26 | 7.09 | 1.89 | 1.71 | 0.27 | 7.74 | 1.99 | 1.92 | 0.28 | 8.70 | |
| | 19 | - | - | - | - | 2.48 | 1.34 | 0.36 | 12.95 | 2.46 | 1.53 | 0.35 | 12.81 | 2.44 | 1.72 | 0.35 | 12.67 | 2.43 | 1.91 | 0.35 | 12.59 | |
| | 20 | - | - | - | - | 2.83 | 1.36 | 0.41 | 16.23 | 2.81 | 1.55 | 0.40 | 16.06 | 2.79 | 1.74 | 0.40 | 15.89 | 2.77 | 1.92 | 0.40 | 15.72 | |
| 7 | 3 | 15 | 1.42 | 1.18 | 0.41 | 16.33 | 1.46 | 1.39 | 0.42 | 17.31 | 1.59 | 1.59 | 0.46 | 19.90 | 1.78 | 1.78 | 0.51 | 23.86 | 1.97 | 1.97 | 0.57 | 28.72 |
| | | 17 | 2.00 | 1.20 | 0.58 | 29.64 | 1.99 | 1.39 | 0.58 | 29.30 | 1.97 | 1.57 | 0.56 | 28.41 | 1.97 | 1.77 | 0.56 | 28.41 | 2.02 | 1.96 | 0.58 | 30.16 |
| | | 19 | - | - | - | - | 2.61 | 1.40 | 0.75 | 46.29 | 2.59 | 1.59 | 0.75 | 45.79 | 2.58 | 1.78 | 0.74 | 45.28 | 2.56 | 1.96 | 0.74 | 44.77 |
| | | 20 | - | - | - | - | 2.94 | 1.40 | 0.85 | 57.34 | 2.92 | 1.59 | 0.84 | 56.70 | 2.90 | 1.78 | 0.83 | 55.67 | 2.88 | 1.97 | 0.83 | 55.06 |
| | 4 | 15 | 1.23 | 1.09 | 0.26 | 7.49 | 1.34 | 1.31 | 0.29 | 8.98 | 1.51 | 1.51 | 0.33 | 11.11 | 1.71 | 1.71 | 0.37 | 13.71 | 1.90 | 1.90 | 0.41 | 16.42 |
| | | 17 | 1.80 | 1.11 | 0.39 | 15.01 | 1.79 | 1.30 | 0.39 | 14.82 | 1.79 | 1.49 | 0.39 | 14.87 | 1.84 | 1.69 | 0.40 | 15.51 | 1.92 | 1.90 | 0.41 | 16.65 |
| | | 19 | - | - | - | - | 2.43 | 1.32 | 0.52 | 24.82 | 2.42 | 1.51 | 0.52 | 24.54 | 2.40 | 1.70 | 0.52 | 24.27 | 2.39 | 1.88 | 0.51 | 24.00 |
| | | 20 | - | - | - | - | 2.77 | 1.33 | 0.60 | 31.36 | 2.75 | 1.52 | 0.60 | 31.01 | 2.74 | 1.71 | 0.59 | 30.67 | 2.72 | 1.89 | 0.59 | 30.34 |
| | 5 | 15 | 1.11 | 1.02 | 0.19 | 3.17 | 1.24 | 1.23 | 0.21 | 4.33 | 1.43 | 1.43 | 0.25 | 6.26 | 1.63 | 1.63 | 0.28 | 8.42 | 1.82 | 1.82 | 0.31 | 10.35 |
| | | 17 | 1.54 | 0.99 | 0.27 | 7.54 | 1.55 | 1.19 | 0.27 | 7.58 | 1.60 | 1.40 | 0.28 | 8.18 | 1.70 | 1.61 | 0.29 | 9.15 | 1.83 | 1.82 | 0.32 | 10.45 |
| | | 19 | - | - | - | - | 2.22 | 1.23 | 0.38 | 14.48 | 2.21 | 1.42 | 0.38 | 14.31 | 2.19 | 1.61 | 0.38 | 14.13 | 2.20 | 1.80 | 0.38 | 14.19 |
| | | 20 | - | - | - | - | 2.57 | 1.24 | 0.44 | 18.54 | 2.55 | 1.43 | 0.44 | 18.33 | 2.54 | 1.62 | 0.44 | 18.13 | 2.52 | 1.81 | 0.43 | 17.94 |
| 6 | 15 | 1.01 | 0.96 | 0.15 | 1.80 | 1.18 | 1.17 | 0.17 | 2.36 | 1.36 | 1.36 | 0.20 | 3.45 | 1.55 | 1.55 | 0.22 | 4.84 | 1.74 | 1.74 | 0.25 | 6.53 | |
| | 17 | 1.33 | 0.90 | 0.19 | 3.23 | 1.38 | 1.11 | 0.20 | 3.57 | 1.47 | 1.33 | 0.21 | 4.23 | 1.59 | 1.54 | 0.23 | 5.15 | 1.74 | 1.74 | 0.25 | 6.56 | |
| | 19 | - | - | - | - | 1.97 | 1.12 | 0.28 | 8.51 | 1.95 | 1.31 | 0.28 | 8.38 | 1.96 | 1.51 | 0.28 | 8.45 | 2.01 | 1.71 | 0.29 | 8.85 | |
| | 20 | - | - | - | - | 2.34 | 1.14 | 0.33 | 11.51 | 2.32 | 1.33 | 0.33 | 11.38 | 2.31 | 1.52 | 0.33 | 11.25 | 2.29 | 1.71 | 0.33 | 11.16 | |

2-Pipe Duct MKT3(C) Series



(Continued)

| MKT3-200G12-CL | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----|--------------------|---------------------------|------|-------------------|-------|------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | |
| 9 | 3 | 15 | 1.03 | 0.99 | 0.29 | 9.23 | 1.20 | 1.20 | 0.34 | 11.95 | 1.39 | 1.39 | 0.40 | 15.57 | 1.58 | 1.58 | 0.45 | 19.31 | 1.77 | 1.77 | 0.51 | 23.42 | |
| | | 17 | 1.53 | 0.99 | 0.44 | 18.13 | 1.52 | 1.18 | 0.44 | 17.90 | 1.54 | 1.38 | 0.44 | 18.38 | 1.62 | 1.58 | 0.46 | 19.95 | 1.78 | 1.78 | 0.51 | 23.50 | |
| | | 19 | - | - | - | - | 2.15 | 1.20 | 0.62 | 32.73 | 2.14 | 1.39 | 0.62 | 32.35 | 2.13 | 1.58 | 0.61 | 32.15 | 2.12 | 1.77 | 0.61 | 32.14 | |
| | | 20 | - | - | - | - | 2.49 | 1.20 | 0.72 | 42.59 | 2.47 | 1.39 | 0.71 | 41.47 | 2.45 | 1.58 | 0.71 | 41.01 | 2.44 | 1.77 | 0.70 | 40.54 | |
| | 4 | 15 | 0.93 | 0.92 | 0.20 | 3.74 | 1.11 | 1.11 | 0.24 | 6.02 | 1.32 | 1.32 | 0.28 | 8.58 | 1.51 | 1.51 | 0.33 | 10.89 | 1.71 | 1.71 | 0.37 | 13.49 | |
| | | 17 | 1.28 | 0.88 | 0.27 | 8.12 | 1.31 | 1.09 | 0.28 | 8.52 | 1.40 | 1.30 | 0.30 | 9.48 | 1.52 | 1.51 | 0.33 | 11.00 | 1.71 | 1.71 | 0.37 | 13.53 | |
| | | 19 | - | - | - | - | 1.95 | 1.11 | 0.42 | 16.79 | 1.94 | 1.30 | 0.42 | 16.59 | 1.93 | 1.49 | 0.41 | 16.42 | 1.95 | 1.69 | 0.42 | 16.74 | |
| | | 20 | - | - | - | - | 2.30 | 1.12 | 0.50 | 22.24 | 2.28 | 1.32 | 0.49 | 21.98 | 2.26 | 1.50 | 0.49 | 21.73 | 2.25 | 1.69 | 0.49 | 21.47 | |
| | 5 | 15 | 0.85 | 0.85 | 0.15 | 1.78 | 1.05 | 1.05 | 0.18 | 2.82 | 1.24 | 1.24 | 0.21 | 4.45 | 1.43 | 1.43 | 0.25 | 6.46 | 1.63 | 1.63 | 0.28 | 8.42 | |
| | | 17 | 1.06 | 0.79 | 0.18 | 2.96 | 1.15 | 1.01 | 0.20 | 3.66 | 1.27 | 1.23 | 0.22 | 4.80 | 1.43 | 1.43 | 0.25 | 6.48 | 1.63 | 1.63 | 0.28 | 8.44 | |
| | | 19 | - | - | - | - | 1.70 | 1.01 | 0.29 | 9.00 | 1.69 | 1.20 | 0.29 | 8.91 | 1.72 | 1.40 | 0.30 | 9.20 | 1.79 | 1.61 | 0.31 | 9.84 | |
| | | 20 | - | - | - | - | 2.06 | 1.03 | 0.36 | 12.56 | 2.05 | 1.22 | 0.35 | 12.41 | 2.03 | 1.41 | 0.35 | 12.25 | 2.04 | 1.60 | 0.35 | 12.29 | |
| | 6 | 15 | 0.77 | 0.77 | 0.11 | 1.28 | 0.98 | 0.98 | 0.14 | 1.66 | 1.17 | 1.17 | 0.17 | 2.39 | 1.36 | 1.36 | 0.20 | 3.56 | 1.55 | 1.55 | 0.22 | 5.05 | |
| | | 17 | 0.90 | 0.72 | 0.13 | 1.49 | 1.04 | 0.95 | 0.15 | 1.83 | 1.19 | 1.17 | 0.17 | 2.47 | 1.36 | 1.36 | 0.20 | 3.57 | 1.55 | 1.55 | 0.22 | 5.07 | |
| | | 19 | - | - | - | - | 1.41 | 0.90 | 0.20 | 3.96 | 1.45 | 1.10 | 0.21 | 4.26 | 1.53 | 1.32 | 0.22 | 4.90 | 1.64 | 1.53 | 0.24 | 5.82 | |
| | | 20 | - | - | - | - | 1.78 | 0.92 | 0.25 | 6.98 | 1.76 | 1.11 | 0.25 | 6.85 | 1.77 | 1.31 | 0.25 | 6.95 | 1.83 | 1.51 | 0.26 | 7.39 | |
| | 11 | 3 | 15 | 0.79 | 0.79 | 0.23 | 5.31 | 1.00 | 1.00 | 0.28 | 8.55 | 1.20 | 1.20 | 0.34 | 11.64 | 1.39 | 1.39 | 0.40 | 15.15 | 1.58 | 1.58 | 0.45 | 18.76 |
| | | | 17 | 1.00 | 0.77 | 0.29 | 8.61 | 1.08 | 0.99 | 0.31 | 9.71 | 1.20 | 1.20 | 0.34 | 11.74 | 1.39 | 1.39 | 0.40 | 15.20 | 1.59 | 1.59 | 0.45 | 18.82 |
| | | | 19 | - | - | - | - | 1.66 | 0.99 | 0.47 | 20.27 | 1.64 | 1.18 | 0.47 | 20.00 | 1.65 | 1.38 | 0.47 | 20.04 | 1.69 | 1.58 | 0.48 | 21.00 |
| | | | 20 | - | - | - | - | 2.00 | 1.00 | 0.57 | 28.13 | 1.98 | 1.19 | 0.57 | 27.75 | 1.97 | 1.38 | 0.56 | 27.37 | 1.96 | 1.57 | 0.56 | 27.03 |
| | | 4 | 15 | 0.73 | 0.73 | 0.16 | 1.98 | 0.92 | 0.92 | 0.20 | 3.71 | 1.12 | 1.12 | 0.24 | 6.11 | 1.32 | 1.32 | 0.28 | 8.41 | 1.51 | 1.51 | 0.32 | 10.63 |
| | | | 17 | 0.82 | 0.69 | 0.18 | 2.71 | 0.94 | 0.91 | 0.20 | 4.01 | 1.12 | 1.12 | 0.24 | 6.12 | 1.32 | 1.32 | 0.28 | 8.43 | 1.52 | 1.52 | 0.32 | 10.67 |
| | | | 19 | - | - | - | - | 1.40 | 0.89 | 0.30 | 9.32 | 1.41 | 1.09 | 0.30 | 9.43 | 1.47 | 1.30 | 0.32 | 10.13 | 1.57 | 1.51 | 0.34 | 11.31 |
| | | | 20 | - | - | - | - | 1.77 | 0.91 | 0.38 | 13.83 | 1.76 | 1.11 | 0.38 | 13.66 | 1.75 | 1.30 | 0.37 | 13.52 | 1.77 | 1.49 | 0.38 | 13.87 |
| 5 | | 15 | 0.65 | 0.65 | 0.11 | 1.24 | 0.86 | 0.86 | 0.15 | 1.77 | 1.05 | 1.05 | 0.18 | 2.96 | 1.24 | 1.24 | 0.21 | 4.65 | 1.44 | 1.44 | 0.25 | 6.59 | |
| | | 17 | 0.70 | 0.63 | 0.12 | 1.33 | 0.87 | 0.85 | 0.15 | 1.82 | 1.05 | 1.05 | 0.18 | 2.97 | 1.24 | 1.24 | 0.21 | 4.67 | 1.44 | 1.44 | 0.25 | 6.62 | |
| | | 19 | - | - | - | - | 1.13 | 0.79 | 0.19 | 3.65 | 1.21 | 1.00 | 0.21 | 4.35 | 1.32 | 1.22 | 0.23 | 5.44 | 1.46 | 1.44 | 0.25 | 6.81 | |
| | | 20 | - | - | - | - | 1.48 | 0.80 | 0.26 | 6.99 | 1.47 | 1.00 | 0.25 | 6.91 | 1.52 | 1.20 | 0.26 | 7.32 | 1.60 | 1.42 | 0.28 | 8.02 | |
| 6 | | 15 | 0.57 | 0.57 | 0.08 | 0.89 | 0.78 | 0.78 | 0.11 | 1.23 | 0.98 | 0.98 | 0.14 | 1.63 | 1.17 | 1.17 | 0.17 | 2.48 | 1.36 | 1.36 | 0.20 | 3.72 | |
| | | 17 | 0.58 | 0.55 | 0.08 | 0.90 | 0.78 | 0.78 | 0.11 | 1.23 | 0.98 | 0.98 | 0.14 | 1.64 | 1.18 | 1.18 | 0.17 | 2.49 | 1.37 | 1.37 | 0.20 | 3.74 | |
| | | 19 | - | - | - | - | 0.96 | 0.72 | 0.14 | 1.55 | 1.08 | 0.94 | 0.16 | 2.00 | 1.22 | 1.16 | 0.17 | 2.73 | 1.37 | 1.37 | 0.20 | 3.78 | |
| | | 20 | - | - | - | - | 1.19 | 0.70 | 0.17 | 2.60 | 1.24 | 0.91 | 0.18 | 2.91 | 1.33 | 1.12 | 0.19 | 3.52 | 1.45 | 1.34 | 0.21 | 4.40 | |

(Continued)

| MKT3-200G12-CL | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----|--------------------|---------------------------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|-------|--|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | |
| °C | °C | °C | kW | kW | m3/h | kPa | kW | kW | m3/h | kPa | kW | kW | m3/h | kPa | kW | kW | m3/h | kPa | kW | kW | m3/h | kPa | |
| 13 | 3 | 15 | 0.60 | 0.60 | 0.17 | 2.62 | 0.80 | 0.80 | 0.23 | 5.58 | 1.00 | 1.00 | 0.29 | 8.54 | 1.20 | 1.20 | 0.34 | 11.61 | 1.39 | 1.39 | 0.40 | 14.99 | |
| | | 17 | 0.61 | 0.59 | 0.17 | 2.78 | 0.80 | 0.80 | 0.23 | 5.60 | 1.00 | 1.00 | 0.29 | 8.57 | 1.20 | 1.20 | 0.34 | 11.64 | 1.39 | 1.39 | 0.40 | 15.03 | |
| | | 19 | - | - | - | - | 1.09 | 0.78 | 0.31 | 9.93 | 1.14 | 0.98 | 0.33 | 10.68 | 1.24 | 1.20 | 0.36 | 12.26 | 1.39 | 1.39 | 0.40 | 15.05 | |
| | | 20 | - | - | - | - | 1.45 | 0.79 | 0.42 | 16.13 | 1.44 | 0.99 | 0.41 | 15.88 | 1.45 | 1.18 | 0.42 | 16.03 | 1.50 | 1.38 | 0.43 | 17.07 | |
| | 4 | 15 | 0.52 | 0.52 | 0.11 | 1.20 | 0.73 | 0.73 | 0.16 | 2.07 | 0.92 | 0.92 | 0.20 | 3.93 | 1.12 | 1.12 | 0.24 | 6.20 | 1.32 | 1.32 | 0.28 | 8.28 | |
| | | 17 | 0.53 | 0.53 | 0.11 | 1.21 | 0.73 | 0.73 | 0.16 | 2.08 | 0.92 | 0.92 | 0.20 | 3.95 | 1.12 | 1.12 | 0.24 | 6.22 | 1.32 | 1.32 | 0.28 | 8.31 | |
| | | 19 | - | - | - | - | 0.86 | 0.68 | 0.18 | 3.27 | 0.98 | 0.90 | 0.21 | 4.61 | 1.13 | 1.12 | 0.24 | 6.31 | 1.32 | 1.32 | 0.28 | 8.34 | |
| | | 20 | - | - | - | - | 1.14 | 0.68 | 0.25 | 6.46 | 1.17 | 0.89 | 0.25 | 6.76 | 1.26 | 1.10 | 0.27 | 7.64 | 1.37 | 1.31 | 0.29 | 8.85 | |
| | 5 | 15 | 0.44 | 0.44 | 0.07 | 0.78 | 0.65 | 0.65 | 0.11 | 1.18 | 0.86 | 0.86 | 0.15 | 1.77 | 1.05 | 1.05 | 0.18 | 3.03 | 1.24 | 1.24 | 0.21 | 4.74 | |
| | | 17 | 0.44 | 0.44 | 0.07 | 0.78 | 0.65 | 0.65 | 0.11 | 1.18 | 0.86 | 0.86 | 0.15 | 1.78 | 1.05 | 1.05 | 0.18 | 3.04 | 1.24 | 1.24 | 0.21 | 4.76 | |
| | | 19 | - | - | - | - | 0.72 | 0.62 | 0.12 | 1.30 | 0.88 | 0.84 | 0.15 | 1.90 | 1.05 | 1.05 | 0.18 | 3.05 | 1.24 | 1.24 | 0.21 | 4.79 | |
| | | 20 | - | - | - | - | 0.88 | 0.59 | 0.15 | 1.94 | 0.98 | 0.81 | 0.17 | 2.57 | 1.11 | 1.02 | 0.19 | 3.56 | 1.26 | 1.24 | 0.22 | 4.93 | |
| | 6 | 15 | 0.34 | 0.34 | 0.05 | 0.50 | 0.57 | 0.57 | 0.08 | 0.84 | 0.78 | 0.78 | 0.11 | 1.16 | 0.98 | 0.98 | 0.14 | 1.62 | 1.17 | 1.17 | 0.17 | 2.55 | |
| | | 17 | 0.34 | 0.34 | 0.05 | 0.50 | 0.57 | 0.57 | 0.08 | 0.84 | 0.78 | 0.78 | 0.11 | 1.16 | 0.99 | 0.99 | 0.14 | 1.63 | 1.17 | 1.17 | 0.17 | 2.56 | |
| | | 19 | - | - | - | - | 0.59 | 0.55 | 0.08 | 0.87 | 0.79 | 0.78 | 0.11 | 1.17 | 0.99 | 0.98 | 0.14 | 1.63 | 1.18 | 1.18 | 0.17 | 2.57 | |
| | | 20 | - | - | - | - | 0.68 | 0.51 | 0.10 | 1.00 | 0.85 | 0.75 | 0.12 | 1.28 | 1.02 | 0.97 | 0.15 | 1.75 | 1.18 | 1.18 | 0.17 | 2.59 | |
| 15 | 3 | 15 | 0.39 | 0.39 | 0.11 | 1.15 | 0.59 | 0.59 | 0.17 | 2.65 | 0.80 | 0.80 | 0.23 | 5.56 | 1.00 | 1.00 | 0.28 | 8.30 | 1.19 | 1.19 | 0.34 | 11.26 | |
| | | 17 | 0.39 | 0.39 | 0.11 | 1.15 | 0.60 | 0.60 | 0.17 | 2.67 | 0.80 | 0.80 | 0.23 | 5.58 | 1.00 | 1.00 | 0.29 | 8.32 | 1.20 | 1.20 | 0.34 | 11.29 | |
| | | 19 | - | - | - | - | 0.62 | 0.58 | 0.18 | 2.99 | 0.80 | 0.79 | 0.23 | 5.58 | 1.00 | 1.00 | 0.29 | 8.35 | 1.20 | 1.20 | 0.34 | 11.33 | |
| | | 20 | - | - | - | - | 0.80 | 0.56 | 0.23 | 5.67 | 0.90 | 0.78 | 0.26 | 6.89 | 1.02 | 1.00 | 0.29 | 8.65 | 1.20 | 1.20 | 0.34 | 11.33 | |
| | 4 | 15 | 0.31 | 0.31 | 0.07 | 0.66 | 0.52 | 0.52 | 0.11 | 1.14 | 0.73 | 0.73 | 0.16 | 2.11 | 0.92 | 0.92 | 0.20 | 4.00 | 1.12 | 1.12 | 0.24 | 6.19 | |
| | | 17 | 0.31 | 0.31 | 0.07 | 0.66 | 0.53 | 0.53 | 0.11 | 1.14 | 0.73 | 0.73 | 0.16 | 2.12 | 0.92 | 0.92 | 0.20 | 4.02 | 1.12 | 1.12 | 0.24 | 6.21 | |
| | | 19 | - | - | - | - | 0.53 | 0.52 | 0.11 | 1.15 | 0.73 | 0.73 | 0.16 | 2.12 | 0.92 | 0.92 | 0.20 | 4.04 | 1.13 | 1.13 | 0.24 | 6.23 | |
| | | 20 | - | - | - | - | 0.61 | 0.49 | 0.13 | 1.41 | 0.76 | 0.71 | 0.16 | 2.39 | 0.92 | 0.92 | 0.20 | 4.06 | 1.13 | 1.13 | 0.24 | 6.24 | |
| | 5 | 15 | 0.20 | 0.20 | 0.03 | 0.34 | 0.44 | 0.44 | 0.08 | 0.76 | 0.66 | 0.66 | 0.11 | 1.13 | 0.86 | 0.86 | 0.15 | 1.85 | 1.05 | 1.05 | 0.18 | 3.20 | |
| | | 17 | 0.20 | 0.20 | 0.03 | 0.34 | 0.44 | 0.44 | 0.08 | 0.76 | 0.66 | 0.66 | 0.11 | 1.14 | 0.86 | 0.86 | 0.15 | 1.86 | 1.05 | 1.05 | 0.18 | 3.21 | |
| | | 19 | - | - | - | - | 0.44 | 0.44 | 0.08 | 0.76 | 0.66 | 0.66 | 0.11 | 1.14 | 0.86 | 0.86 | 0.15 | 1.86 | 1.05 | 1.05 | 0.18 | 3.22 | |
| | | 20 | - | - | - | - | 0.47 | 0.42 | 0.08 | 0.80 | 0.67 | 0.65 | 0.12 | 1.16 | 0.86 | 0.86 | 0.15 | 1.86 | 1.05 | 1.05 | 0.18 | 3.23 | |
| | 6 | 15 | - | - | - | - | 0.34 | 0.34 | 0.05 | 0.48 | 0.57 | 0.57 | 0.08 | 0.81 | 0.79 | 0.79 | 0.11 | 1.12 | 0.98 | 0.98 | 0.14 | 1.67 | |
| | | 17 | - | - | - | - | 0.34 | 0.34 | 0.05 | 0.48 | 0.57 | 0.57 | 0.08 | 0.81 | 0.79 | 0.79 | 0.11 | 1.12 | 0.99 | 0.99 | 0.14 | 1.68 | |
| | | 19 | - | - | - | - | 0.34 | 0.34 | 0.05 | 0.48 | 0.58 | 0.58 | 0.08 | 0.81 | 0.79 | 0.79 | 0.11 | 1.12 | 0.99 | 0.99 | 0.14 | 1.68 | |
| | | 20 | - | - | - | - | 0.35 | 0.34 | 0.05 | 0.49 | 0.58 | 0.58 | 0.08 | 0.81 | 0.79 | 0.79 | 0.11 | 1.12 | 0.99 | 0.99 | 0.14 | 1.69 | |

Abbreviations:

- EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

2-Pipe Duct MKT3(C) Series



Heating Capacity Table

| MKT3-200G12-CL | | | | | | | | | | | | | |
|----------------|----|---------------------------|-------------------|-------|------|-------------------|-------|------|-------------------|-------|------|-------------------|-------|
| EWT | ΔT | Indoor temperature (W.B.) | | | | | | | | | | | |
| | | 16 | | | 18 | | | 20 | | | 22 | | |
| | | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD |
| °C | °C | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa |
| 40 | 8 | 2.24 | 0.24 | 5.52 | 2.01 | 0.22 | 4.57 | 1.77 | 0.19 | 3.69 | 1.53 | 0.16 | 2.88 |
| | 10 | 2.11 | 0.18 | 3.42 | 1.86 | 0.16 | 2.76 | 1.61 | 0.14 | 2.06 | 1.37 | 0.12 | 1.35 |
| | 12 | 1.95 | 0.14 | 2.07 | 1.70 | 0.12 | 1.46 | 1.46 | 0.11 | 0.97 | 1.21 | 0.09 | 0.64 |
| | 14 | 1.79 | 0.11 | 1.08 | 1.54 | 0.09 | 0.75 | 1.28 | 0.08 | 0.57 | 0.99 | 0.06 | 0.45 |
| | 16 | 1.62 | 0.09 | 0.66 | 1.34 | 0.07 | 0.54 | 1.04 | 0.06 | 0.42 | 0.70 | 0.04 | 0.29 |
| 45 | 8 | 2.82 | 0.30 | 7.95 | 2.58 | 0.28 | 6.85 | 2.35 | 0.25 | 5.82 | 2.12 | 0.23 | 4.87 |
| | 10 | 2.71 | 0.23 | 5.08 | 2.47 | 0.21 | 4.34 | 2.23 | 0.19 | 3.65 | 1.99 | 0.17 | 3.01 |
| | 12 | 2.57 | 0.19 | 3.45 | 2.33 | 0.17 | 2.91 | 2.08 | 0.15 | 2.40 | 1.83 | 0.13 | 1.85 |
| | 14 | 2.42 | 0.15 | 2.37 | 2.16 | 0.13 | 1.89 | 1.91 | 0.12 | 1.39 | 1.67 | 0.10 | 0.96 |
| | 16 | 2.25 | 0.12 | 1.48 | 2.00 | 0.11 | 1.08 | 1.75 | 0.09 | 0.77 | 1.49 | 0.08 | 0.56 |
| 50 | 8 | 3.39 | 0.37 | 10.65 | 3.15 | 0.34 | 9.40 | 2.92 | 0.31 | 8.24 | 2.69 | 0.29 | 7.14 |
| | 10 | 3.29 | 0.28 | 6.94 | 3.05 | 0.26 | 6.10 | 2.81 | 0.24 | 5.31 | 2.58 | 0.22 | 4.58 |
| | 12 | 3.17 | 0.23 | 4.78 | 2.93 | 0.21 | 4.18 | 2.69 | 0.19 | 3.61 | 2.45 | 0.18 | 3.08 |
| | 14 | 3.04 | 0.19 | 3.45 | 2.80 | 0.17 | 2.99 | 2.55 | 0.16 | 2.55 | 2.30 | 0.14 | 2.14 |
| | 16 | 2.89 | 0.16 | 2.55 | 2.64 | 0.14 | 2.16 | 2.38 | 0.13 | 1.77 | 2.13 | 0.11 | 1.36 |
| 55 | 8 | 3.95 | 0.43 | 13.62 | 3.71 | 0.40 | 12.24 | 3.48 | 0.37 | 10.93 | 3.25 | 0.35 | 9.69 |
| | 10 | 3.86 | 0.33 | 8.95 | 3.62 | 0.31 | 8.02 | 3.38 | 0.29 | 7.14 | 3.15 | 0.27 | 6.31 |
| | 12 | 3.75 | 0.27 | 6.24 | 3.51 | 0.25 | 5.57 | 3.28 | 0.24 | 4.94 | 3.04 | 0.22 | 4.34 |
| | 14 | 3.64 | 0.22 | 4.58 | 3.40 | 0.21 | 4.07 | 3.16 | 0.19 | 3.59 | 2.91 | 0.18 | 3.13 |
| | 16 | 3.51 | 0.19 | 3.44 | 3.27 | 0.18 | 3.04 | 3.02 | 0.16 | 2.66 | 2.77 | 0.15 | 2.30 |
| 60 | 8 | 4.51 | 0.49 | 16.92 | 4.27 | 0.46 | 15.39 | 4.04 | 0.43 | 13.87 | 3.80 | 0.41 | 12.50 |
| | 10 | 4.42 | 0.38 | 11.08 | 4.18 | 0.36 | 10.06 | 3.95 | 0.34 | 9.09 | 3.71 | 0.32 | 8.18 |
| | 12 | 4.33 | 0.31 | 7.84 | 4.09 | 0.29 | 7.10 | 3.85 | 0.28 | 6.40 | 3.61 | 0.26 | 5.74 |
| | 14 | 4.23 | 0.26 | 5.77 | 3.98 | 0.25 | 5.21 | 3.74 | 0.23 | 4.68 | 3.50 | 0.22 | 4.18 |
| | 16 | 4.11 | 0.22 | 4.41 | 3.87 | 0.21 | 3.97 | 3.63 | 0.20 | 3.55 | 3.38 | 0.18 | 3.15 |

Abbreviations:

Δt: Temperature Difference. (°C) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m³/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

| MKT3-200G30-CL/MKT3-200G50-CL | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|----|--------------------|---------------------------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 5 | 3 | 15 | 1.94 | 1.44 | 0.55 | 27.97 | 1.93 | 1.64 | 0.55 | 27.69 | 1.95 | 1.84 | 0.56 | 28.27 | 2.04 | 2.04 | 0.58 | 30.62 | 2.23 | 2.23 | 0.64 | 35.68 |
| | | 17 | 2.54 | 1.45 | 0.73 | 44.49 | 2.52 | 1.65 | 0.72 | 43.98 | 2.50 | 1.84 | 0.72 | 43.48 | 2.49 | 2.03 | 0.71 | 42.99 | 2.48 | 2.22 | 0.71 | 42.71 |
| | | 19 | - | - | - | - | 3.16 | 1.66 | 0.91 | 65.96 | 3.14 | 1.86 | 0.91 | 65.22 | 3.12 | 2.05 | 0.90 | 64.50 | 3.10 | 2.23 | 0.89 | 63.79 |
| | | 20 | - | - | - | - | 3.49 | 1.67 | 1.00 | 77.72 | 3.47 | 1.86 | 1.00 | 77.75 | 3.45 | 2.05 | 1.00 | 76.94 | 3.43 | 2.24 | 0.99 | 76.07 |
| | 4 | 15 | 1.75 | 1.35 | 0.38 | 14.33 | 1.77 | 1.56 | 0.38 | 14.61 | 1.84 | 1.77 | 0.39 | 15.57 | 1.98 | 1.97 | 0.43 | 17.79 | 2.17 | 2.17 | 0.47 | 20.87 |
| | | 17 | 2.37 | 1.38 | 0.51 | 24.06 | 2.36 | 1.57 | 0.51 | 23.79 | 2.34 | 1.76 | 0.50 | 23.52 | 2.33 | 1.96 | 0.50 | 23.34 | 2.35 | 2.15 | 0.50 | 23.68 |
| | | 19 | - | - | - | - | 3.01 | 1.59 | 0.64 | 36.14 | 2.99 | 1.78 | 0.64 | 35.75 | 2.97 | 1.97 | 0.64 | 35.35 | 2.95 | 2.16 | 0.63 | 34.97 |
| | | 20 | - | - | - | - | 3.34 | 1.60 | 0.72 | 43.50 | 3.32 | 1.79 | 0.71 | 43.03 | 3.30 | 1.98 | 0.71 | 42.56 | 3.28 | 2.17 | 0.70 | 42.10 |
| | 5 | 15 | 1.55 | 1.25 | 0.27 | 7.36 | 1.61 | 1.47 | 0.28 | 8.16 | 1.73 | 1.69 | 0.30 | 9.43 | 1.90 | 1.90 | 0.33 | 11.28 | 2.10 | 2.10 | 0.36 | 13.34 |
| | | 17 | 2.18 | 1.28 | 0.37 | 14.14 | 2.16 | 1.48 | 0.37 | 13.98 | 2.15 | 1.68 | 0.37 | 13.85 | 2.17 | 1.88 | 0.37 | 14.08 | 2.22 | 2.08 | 0.38 | 14.70 |
| | | 19 | - | - | - | - | 2.83 | 1.51 | 0.49 | 22.16 | 2.81 | 1.70 | 0.48 | 21.91 | 2.79 | 1.89 | 0.48 | 21.67 | 2.78 | 2.08 | 0.48 | 21.44 |
| | | 20 | - | - | - | - | 3.18 | 1.52 | 0.55 | 27.03 | 3.16 | 1.71 | 0.54 | 26.73 | 3.14 | 1.91 | 0.54 | 26.45 | 3.12 | 2.10 | 0.54 | 26.16 |
| | 6 | 15 | 1.40 | 1.18 | 0.20 | 3.55 | 1.50 | 1.40 | 0.21 | 4.26 | 1.64 | 1.62 | 0.23 | 5.37 | 1.82 | 1.82 | 0.26 | 7.11 | 2.02 | 2.02 | 0.29 | 9.00 |
| | | 17 | 1.94 | 1.18 | 0.28 | 8.23 | 1.93 | 1.37 | 0.28 | 8.11 | 1.95 | 1.58 | 0.28 | 8.33 | 2.01 | 1.79 | 0.29 | 8.89 | 2.10 | 2.01 | 0.30 | 9.72 |
| | | 19 | - | - | - | - | 2.63 | 1.42 | 0.38 | 14.40 | 2.62 | 1.61 | 0.38 | 14.24 | 2.60 | 1.81 | 0.37 | 14.08 | 2.59 | 2.00 | 0.37 | 13.96 |
| | | 20 | - | - | - | - | 2.99 | 1.43 | 0.43 | 17.75 | 2.97 | 1.63 | 0.42 | 17.56 | 2.95 | 1.82 | 0.42 | 17.37 | 2.93 | 2.01 | 0.42 | 17.18 |
| 7 | 3 | 15 | 1.50 | 1.23 | 0.43 | 17.95 | 1.54 | 1.44 | 0.44 | 18.80 | 1.65 | 1.65 | 0.47 | 20.96 | 1.84 | 1.84 | 0.53 | 25.39 | 2.04 | 2.04 | 0.59 | 30.51 |
| | | 17 | 2.10 | 1.25 | 0.61 | 32.15 | 2.09 | 1.44 | 0.60 | 31.77 | 2.07 | 1.64 | 0.60 | 31.38 | 2.07 | 1.83 | 0.60 | 31.34 | 2.11 | 2.03 | 0.61 | 32.35 |
| | | 19 | - | - | - | - | 2.72 | 1.46 | 0.78 | 49.82 | 2.71 | 1.65 | 0.78 | 49.25 | 2.69 | 1.84 | 0.77 | 48.69 | 2.67 | 2.03 | 0.77 | 48.14 |
| | | 20 | - | - | - | - | 3.06 | 1.46 | 0.88 | 61.09 | 3.04 | 1.66 | 0.87 | 60.40 | 3.02 | 1.85 | 0.87 | 59.71 | 3.00 | 2.04 | 0.86 | 59.04 |
| | 4 | 15 | 1.31 | 1.14 | 0.28 | 8.64 | 1.42 | 1.37 | 0.30 | 9.92 | 1.58 | 1.58 | 0.34 | 12.02 | 1.78 | 1.78 | 0.38 | 14.70 | 1.97 | 1.97 | 0.42 | 17.37 |
| | | 17 | 1.91 | 1.16 | 0.41 | 16.59 | 1.90 | 1.36 | 0.41 | 16.39 | 1.90 | 1.56 | 0.41 | 16.37 | 1.93 | 1.76 | 0.41 | 16.72 | 2.01 | 1.97 | 0.43 | 17.94 |
| | | 19 | - | - | - | - | 2.56 | 1.38 | 0.55 | 27.03 | 2.54 | 1.58 | 0.55 | 26.73 | 2.52 | 1.77 | 0.54 | 26.43 | 2.51 | 1.96 | 0.54 | 26.12 |
| | | 20 | - | - | - | - | 2.90 | 1.39 | 0.63 | 33.97 | 2.88 | 1.59 | 0.62 | 33.60 | 2.87 | 1.78 | 0.62 | 33.23 | 2.85 | 1.97 | 0.62 | 32.85 |
| | 5 | 15 | 1.18 | 1.07 | 0.20 | 3.75 | 1.31 | 1.29 | 0.23 | 5.01 | 1.50 | 1.50 | 0.26 | 7.04 | 1.70 | 1.70 | 0.29 | 9.20 | 1.90 | 1.90 | 0.33 | 11.14 |
| | | 17 | 1.67 | 1.06 | 0.29 | 8.84 | 1.67 | 1.26 | 0.29 | 8.83 | 1.71 | 1.47 | 0.29 | 9.29 | 1.80 | 1.69 | 0.31 | 10.11 | 1.92 | 1.90 | 0.33 | 11.31 |
| | | 19 | - | - | - | - | 2.36 | 1.30 | 0.41 | 16.10 | 2.35 | 1.49 | 0.40 | 15.92 | 2.33 | 1.68 | 0.40 | 15.73 | 2.33 | 1.88 | 0.40 | 15.71 |
| | | 20 | - | - | - | - | 2.71 | 1.31 | 0.47 | 20.36 | 2.70 | 1.50 | 0.46 | 20.14 | 2.68 | 1.70 | 0.46 | 19.91 | 2.66 | 1.89 | 0.46 | 19.69 |
| | 6 | 15 | 1.08 | 1.01 | 0.16 | 1.99 | 1.24 | 1.24 | 0.18 | 2.69 | 1.43 | 1.43 | 0.21 | 3.95 | 1.63 | 1.63 | 0.23 | 5.50 | 1.83 | 1.83 | 0.26 | 7.29 |
| | | 17 | 1.43 | 0.96 | 0.21 | 3.97 | 1.48 | 1.17 | 0.21 | 4.32 | 1.56 | 1.39 | 0.22 | 4.94 | 1.68 | 1.61 | 0.24 | 5.96 | 1.83 | 1.83 | 0.26 | 7.34 |
| | | 19 | - | - | - | - | 2.12 | 1.19 | 0.30 | 9.75 | 2.10 | 1.39 | 0.30 | 9.63 | 2.10 | 1.59 | 0.30 | 9.63 | 2.14 | 1.79 | 0.31 | 9.93 |
| | | 20 | - | - | - | - | 2.50 | 1.21 | 0.36 | 12.88 | 2.48 | 1.41 | 0.36 | 12.73 | 2.46 | 1.60 | 0.35 | 12.58 | 2.45 | 1.80 | 0.35 | 12.46 |

2-Pipe Duct MKT3(C) Series



(Continued)

| MKT3-200G30-CL/MKT3-200G50-CL | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|----|--------------------|---------------------------|------|-------------------|-------|------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | |
| 9 | 3 | 15 | 1.09 | 1.03 | 0.31 | 10.14 | 1.25 | 1.25 | 0.36 | 12.83 | 1.45 | 1.45 | 0.42 | 16.67 | 1.64 | 1.64 | 0.47 | 20.58 | 1.84 | 1.84 | 0.53 | 24.91 | |
| | | 17 | 1.62 | 1.03 | 0.46 | 19.93 | 1.60 | 1.23 | 0.46 | 19.67 | 1.62 | 1.43 | 0.47 | 20.04 | 1.69 | 1.64 | 0.48 | 21.47 | 1.84 | 1.84 | 0.53 | 24.99 | |
| | | 19 | - | - | - | - | 2.26 | 1.25 | 0.65 | 35.46 | 2.24 | 1.44 | 0.64 | 35.04 | 2.23 | 1.64 | 0.64 | 34.63 | 2.21 | 1.83 | 0.64 | 34.24 | |
| | | 20 | - | - | - | - | 2.60 | 1.26 | 0.75 | 45.92 | 2.58 | 1.45 | 0.75 | 45.39 | 2.57 | 1.65 | 0.74 | 44.86 | 2.55 | 1.84 | 0.74 | 44.35 | |
| | 4 | 15 | 0.98 | 0.96 | 0.21 | 4.35 | 1.17 | 1.17 | 0.25 | 6.76 | 1.38 | 1.38 | 0.30 | 9.28 | 1.58 | 1.58 | 0.34 | 11.70 | 1.78 | 1.78 | 0.38 | 14.29 | |
| | | 17 | 1.38 | 0.94 | 0.30 | 9.30 | 1.40 | 1.14 | 0.30 | 9.58 | 1.48 | 1.36 | 0.32 | 10.45 | 1.59 | 1.58 | 0.34 | 11.90 | 1.78 | 1.78 | 0.38 | 14.33 | |
| | | 19 | - | - | - | - | 2.07 | 1.17 | 0.45 | 18.57 | 2.05 | 1.36 | 0.44 | 18.35 | 2.04 | 1.56 | 0.44 | 18.14 | 2.05 | 1.76 | 0.44 | 18.37 | |
| | | 20 | - | - | - | - | 2.42 | 1.18 | 0.52 | 24.46 | 2.40 | 1.38 | 0.52 | 24.18 | 2.39 | 1.57 | 0.52 | 23.90 | 2.37 | 1.76 | 0.51 | 23.61 | |
| | 5 | 15 | 0.90 | 0.90 | 0.16 | 1.98 | 1.10 | 1.10 | 0.19 | 3.24 | 1.30 | 1.30 | 0.22 | 5.08 | 1.50 | 1.50 | 0.26 | 7.19 | 1.70 | 1.70 | 0.29 | 9.10 | |
| | | 17 | 1.14 | 0.84 | 0.20 | 3.62 | 1.23 | 1.06 | 0.21 | 4.38 | 1.35 | 1.29 | 0.23 | 5.58 | 1.51 | 1.51 | 0.26 | 7.23 | 1.71 | 1.71 | 0.29 | 9.13 | |
| | | 19 | - | - | - | - | 1.83 | 1.07 | 0.31 | 10.21 | 1.81 | 1.27 | 0.31 | 10.08 | 1.84 | 1.47 | 0.32 | 10.30 | 1.90 | 1.68 | 0.33 | 10.87 | |
| | | 20 | - | - | - | - | 2.20 | 1.09 | 0.38 | 14.12 | 2.18 | 1.29 | 0.38 | 13.83 | 2.17 | 1.48 | 0.37 | 13.66 | 2.17 | 1.68 | 0.37 | 13.64 | |
| | 6 | 15 | 0.82 | 0.82 | 0.12 | 1.37 | 1.04 | 1.04 | 0.15 | 1.82 | 1.24 | 1.24 | 0.18 | 2.73 | 1.43 | 1.43 | 0.21 | 4.07 | 1.63 | 1.63 | 0.23 | 5.70 | |
| | | 17 | 0.98 | 0.77 | 0.14 | 1.66 | 1.12 | 1.00 | 0.16 | 2.11 | 1.26 | 1.22 | 0.18 | 2.88 | 1.43 | 1.43 | 0.21 | 4.08 | 1.63 | 1.63 | 0.23 | 5.73 | |
| | | 19 | - | - | - | - | 1.53 | 0.95 | 0.22 | 4.94 | 1.57 | 1.17 | 0.22 | 5.20 | 1.64 | 1.38 | 0.24 | 5.84 | 1.75 | 1.60 | 0.25 | 6.72 | |
| | | 20 | - | - | - | - | 1.93 | 0.98 | 0.28 | 8.18 | 1.92 | 1.18 | 0.27 | 8.06 | 1.92 | 1.38 | 0.28 | 8.08 | 1.96 | 1.59 | 0.28 | 8.43 | |
| | 11 | 3 | 15 | 0.83 | 0.83 | 0.24 | 6.00 | 1.04 | 1.04 | 0.30 | 9.23 | 1.25 | 1.25 | 0.36 | 12.50 | 1.45 | 1.45 | 0.41 | 16.08 | 1.64 | 1.64 | 0.47 | 19.99 |
| | | | 17 | 1.08 | 0.81 | 0.31 | 9.73 | 1.14 | 1.03 | 0.33 | 10.72 | 1.26 | 1.25 | 0.36 | 12.67 | 1.45 | 1.45 | 0.41 | 16.14 | 1.65 | 1.65 | 0.47 | 20.05 |
| | | | 19 | - | - | - | - | 1.75 | 1.04 | 0.50 | 22.24 | 1.73 | 1.23 | 0.50 | 21.94 | 1.73 | 1.43 | 0.49 | 21.90 | 1.77 | 1.64 | 0.51 | 22.73 |
| | | | 20 | - | - | - | - | 2.10 | 1.05 | 0.60 | 30.36 | 2.08 | 1.24 | 0.59 | 29.99 | 2.07 | 1.44 | 0.59 | 29.63 | 2.05 | 1.63 | 0.59 | 29.28 |
| | | 4 | 15 | 0.77 | 0.77 | 0.16 | 2.26 | 0.97 | 0.97 | 0.21 | 4.25 | 1.17 | 1.17 | 0.25 | 6.79 | 1.38 | 1.38 | 0.30 | 9.07 | 1.58 | 1.58 | 0.34 | 11.41 |
| | | | 17 | 0.88 | 0.73 | 0.19 | 3.28 | 1.00 | 0.95 | 0.21 | 4.70 | 1.17 | 1.17 | 0.25 | 6.81 | 1.38 | 1.38 | 0.30 | 9.10 | 1.58 | 1.58 | 0.34 | 11.45 |
| | | | 19 | - | - | - | - | 1.51 | 0.94 | 0.32 | 10.55 | 1.51 | 1.15 | 0.32 | 10.59 | 1.56 | 1.36 | 0.33 | 11.22 | 1.65 | 1.57 | 0.35 | 12.32 |
| | | | 20 | - | - | - | - | 1.88 | 0.96 | 0.40 | 15.37 | 1.87 | 1.16 | 0.40 | 15.17 | 1.85 | 1.36 | 0.40 | 15.00 | 1.87 | 1.56 | 0.40 | 15.27 |
| 5 | | 15 | 0.69 | 0.69 | 0.12 | 1.33 | 0.90 | 0.90 | 0.16 | 2.00 | 1.10 | 1.10 | 0.19 | 3.39 | 1.30 | 1.30 | 0.22 | 5.27 | 1.51 | 1.51 | 0.26 | 7.23 | |
| | | 17 | 0.75 | 0.66 | 0.13 | 1.44 | 0.92 | 0.90 | 0.16 | 2.08 | 1.10 | 1.10 | 0.19 | 3.40 | 1.30 | 1.30 | 0.22 | 5.29 | 1.51 | 1.51 | 0.26 | 7.26 | |
| | | 19 | - | - | - | - | 1.22 | 0.84 | 0.21 | 4.53 | 1.30 | 1.06 | 0.22 | 5.24 | 1.41 | 1.28 | 0.24 | 6.30 | 1.54 | 1.50 | 0.27 | 7.55 | |
| | | 20 | - | - | - | - | 1.61 | 0.86 | 0.28 | 8.12 | 1.60 | 1.06 | 0.28 | 8.01 | 1.63 | 1.27 | 0.28 | 8.31 | 1.70 | 1.48 | 0.29 | 8.94 | |
| 6 | | 15 | 0.61 | 0.61 | 0.09 | 0.95 | 0.83 | 0.83 | 0.12 | 1.31 | 1.04 | 1.04 | 0.15 | 1.83 | 1.24 | 1.24 | 0.18 | 2.85 | 1.43 | 1.43 | 0.21 | 4.24 | |
| | | 17 | 0.63 | 0.59 | 0.09 | 0.98 | 0.83 | 0.83 | 0.12 | 1.31 | 1.04 | 1.04 | 0.15 | 1.83 | 1.24 | 1.24 | 0.18 | 2.86 | 1.43 | 1.43 | 0.21 | 4.26 | |
| | | 19 | - | - | - | - | 1.04 | 0.76 | 0.15 | 1.83 | 1.16 | 0.99 | 0.17 | 2.39 | 1.29 | 1.21 | 0.19 | 3.21 | 1.45 | 1.43 | 0.21 | 4.36 | |
| | | 20 | - | - | - | - | 1.30 | 0.74 | 0.19 | 3.28 | 1.34 | 0.96 | 0.19 | 3.59 | 1.43 | 1.18 | 0.21 | 4.26 | 1.54 | 1.40 | 0.22 | 5.11 | |

(Continued)

| MKT3-200G30-CL/MKT3-200G50-CL | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|----|--------------------|---------------------------|------|-------------------|------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|--|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | | |
| | | | TC | SC | WF | WPD | TC | TC | SC | WF | WPD | TC | TC | SC | WF | WPD | TC | TC | SC | WF | WPD | TC | |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | |
| 13 | 3 | 15 | 0.63 | 0.63 | 0.18 | 3.02 | 0.84 | 0.84 | 0.24 | 6.22 | 1.04 | 1.04 | 0.30 | 9.21 | 1.25 | 1.25 | 0.36 | 12.44 | 1.44 | 1.44 | 0.42 | 16.00 | |
| | | 17 | 0.65 | 0.62 | 0.19 | 3.27 | 0.84 | 0.83 | 0.24 | 6.23 | 1.05 | 1.05 | 0.30 | 9.24 | 1.25 | 1.25 | 0.36 | 12.48 | 1.45 | 1.45 | 0.42 | 16.05 | |
| | | 19 | - | - | - | - | 1.17 | 0.82 | 0.34 | 11.18 | 1.21 | 1.03 | 0.35 | 11.83 | 1.30 | 1.24 | 0.37 | 13.12 | 1.45 | 1.44 | 0.42 | 16.06 | |
| | | 20 | - | - | - | - | 1.54 | 0.83 | 0.44 | 17.84 | 1.53 | 1.03 | 0.44 | 17.58 | 1.53 | 1.23 | 0.44 | 17.65 | 1.58 | 1.44 | 0.45 | 18.57 | |
| | 4 | 15 | 0.56 | 0.56 | 0.12 | 1.29 | 0.77 | 0.77 | 0.16 | 2.39 | 0.97 | 0.97 | 0.21 | 4.48 | 1.17 | 1.17 | 0.25 | 6.79 | 1.38 | 1.38 | 0.30 | 8.92 | |
| | | 17 | 0.56 | 0.56 | 0.12 | 1.29 | 0.77 | 0.77 | 0.17 | 2.40 | 0.97 | 0.97 | 0.21 | 4.50 | 1.18 | 1.18 | 0.25 | 6.81 | 1.38 | 1.38 | 0.30 | 8.95 | |
| | | 19 | - | - | - | - | 0.93 | 0.72 | 0.20 | 4.01 | 1.04 | 0.95 | 0.22 | 5.30 | 1.19 | 1.17 | 0.26 | 6.97 | 1.38 | 1.38 | 0.30 | 8.98 | |
| | | 20 | - | - | - | - | 1.25 | 0.73 | 0.27 | 7.56 | 1.27 | 0.93 | 0.27 | 7.74 | 1.34 | 1.15 | 0.29 | 8.53 | 1.45 | 1.37 | 0.31 | 9.70 | |
| | 5 | 15 | 0.47 | 0.47 | 0.08 | 0.85 | 0.69 | 0.69 | 0.12 | 1.26 | 0.90 | 0.90 | 0.15 | 2.03 | 1.10 | 1.10 | 0.19 | 3.47 | 1.30 | 1.30 | 0.22 | 5.33 | |
| | | 17 | 0.47 | 0.47 | 0.08 | 0.85 | 0.70 | 0.70 | 0.12 | 1.26 | 0.90 | 0.90 | 0.15 | 2.04 | 1.10 | 1.10 | 0.19 | 3.49 | 1.30 | 1.30 | 0.22 | 5.35 | |
| | | 19 | - | - | - | - | 0.78 | 0.66 | 0.13 | 1.46 | 0.93 | 0.89 | 0.16 | 2.24 | 1.10 | 1.10 | 0.19 | 3.51 | 1.31 | 1.31 | 0.22 | 5.38 | |
| | | 20 | - | - | - | - | 0.96 | 0.62 | 0.16 | 2.41 | 1.06 | 0.85 | 0.18 | 3.13 | 1.18 | 1.08 | 0.20 | 4.22 | 1.33 | 1.30 | 0.23 | 5.61 | |
| | 6 | 15 | 0.37 | 0.37 | 0.05 | 0.54 | 0.61 | 0.61 | 0.09 | 0.91 | 0.83 | 0.83 | 0.12 | 1.24 | 1.04 | 1.04 | 0.15 | 1.84 | 1.23 | 1.23 | 0.18 | 2.92 | |
| | | 17 | 0.37 | 0.37 | 0.05 | 0.54 | 0.61 | 0.61 | 0.09 | 0.91 | 0.83 | 0.83 | 0.12 | 1.24 | 1.04 | 1.04 | 0.15 | 1.85 | 1.24 | 1.24 | 0.18 | 2.94 | |
| | | 19 | - | - | - | - | 0.65 | 0.59 | 0.09 | 0.95 | 0.84 | 0.83 | 0.12 | 1.26 | 1.04 | 1.04 | 0.15 | 1.85 | 1.24 | 1.24 | 0.18 | 2.95 | |
| | | 20 | - | - | - | - | 0.75 | 0.55 | 0.11 | 1.11 | 0.92 | 0.79 | 0.13 | 1.43 | 1.08 | 1.02 | 0.15 | 2.05 | 1.25 | 1.23 | 0.18 | 3.01 | |
| 15 | 3 | 15 | 0.42 | 0.42 | 0.12 | 1.23 | 0.63 | 0.63 | 0.18 | 3.06 | 0.84 | 0.84 | 0.24 | 6.12 | 1.04 | 1.04 | 0.30 | 8.93 | 1.24 | 1.24 | 0.35 | 12.05 | |
| | | 17 | 0.42 | 0.42 | 0.12 | 1.23 | 0.63 | 0.63 | 0.18 | 3.07 | 0.84 | 0.84 | 0.24 | 6.14 | 1.04 | 1.04 | 0.30 | 8.96 | 1.25 | 1.25 | 0.36 | 12.09 | |
| | | 19 | - | - | - | - | 0.66 | 0.61 | 0.19 | 3.56 | 0.84 | 0.84 | 0.24 | 6.15 | 1.05 | 1.05 | 0.30 | 8.99 | 1.25 | 1.25 | 0.36 | 12.13 | |
| | | 20 | - | - | - | - | 0.88 | 0.60 | 0.25 | 6.66 | 0.96 | 0.82 | 0.27 | 7.73 | 1.08 | 1.04 | 0.31 | 9.44 | 1.25 | 1.24 | 0.36 | 12.12 | |
| | 4 | 15 | 0.33 | 0.33 | 0.07 | 0.72 | 0.56 | 0.56 | 0.12 | 1.22 | 0.76 | 0.76 | 0.16 | 2.43 | 0.97 | 0.97 | 0.21 | 4.54 | 1.17 | 1.17 | 0.25 | 6.71 | |
| | | 17 | 0.33 | 0.33 | 0.07 | 0.72 | 0.56 | 0.56 | 0.12 | 1.22 | 0.76 | 0.76 | 0.16 | 2.44 | 0.97 | 0.97 | 0.21 | 4.56 | 1.18 | 1.18 | 0.25 | 6.73 | |
| | | 19 | - | - | - | - | 0.57 | 0.55 | 0.12 | 1.25 | 0.77 | 0.76 | 0.16 | 2.44 | 0.97 | 0.97 | 0.21 | 4.58 | 1.18 | 1.18 | 0.25 | 6.75 | |
| | | 20 | - | - | - | - | 0.67 | 0.52 | 0.14 | 1.68 | 0.81 | 0.75 | 0.17 | 2.84 | 0.98 | 0.97 | 0.21 | 4.64 | 1.18 | 1.18 | 0.25 | 6.76 | |
| | 5 | 15 | 0.22 | 0.22 | 0.04 | 0.38 | 0.48 | 0.48 | 0.08 | 0.82 | 0.70 | 0.70 | 0.12 | 1.22 | 0.90 | 0.90 | 0.16 | 2.13 | 1.10 | 1.10 | 0.19 | 3.65 | |
| | | 17 | 0.22 | 0.22 | 0.04 | 0.38 | 0.48 | 0.48 | 0.08 | 0.82 | 0.70 | 0.70 | 0.12 | 1.22 | 0.90 | 0.90 | 0.16 | 2.14 | 1.10 | 1.10 | 0.19 | 3.67 | |
| | | 19 | - | - | - | - | 0.48 | 0.48 | 0.08 | 0.82 | 0.70 | 0.70 | 0.12 | 1.23 | 0.91 | 0.91 | 0.16 | 2.15 | 1.11 | 1.11 | 0.19 | 3.69 | |
| | | 20 | - | - | - | - | 0.51 | 0.45 | 0.09 | 0.88 | 0.72 | 0.69 | 0.12 | 1.27 | 0.91 | 0.90 | 0.16 | 2.15 | 1.11 | 1.11 | 0.19 | 3.70 | |
| | 6 | 15 | - | - | - | - | 0.38 | 0.38 | 0.05 | 0.53 | 0.62 | 0.62 | 0.09 | 0.87 | 0.83 | 0.83 | 0.12 | 1.21 | 1.04 | 1.04 | 0.15 | 1.92 | |
| | | 17 | - | - | - | - | 0.38 | 0.38 | 0.05 | 0.53 | 0.62 | 0.62 | 0.09 | 0.87 | 0.84 | 0.84 | 0.12 | 1.21 | 1.04 | 1.04 | 0.15 | 1.93 | |
| | | 19 | - | - | - | - | 0.38 | 0.38 | 0.05 | 0.53 | 0.62 | 0.62 | 0.09 | 0.87 | 0.84 | 0.84 | 0.12 | 1.21 | 1.04 | 1.04 | 0.15 | 1.94 | |
| | | 20 | - | - | - | - | 0.38 | 0.37 | 0.06 | 0.54 | 0.62 | 0.62 | 0.09 | 0.88 | 0.84 | 0.84 | 0.12 | 1.21 | 1.04 | 1.04 | 0.15 | 1.94 | |

Abbreviations:

- EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

2-Pipe Duct MKT3(C) Series



Heating Capacity Table

| MKT3-200G30-CL/MKT3-200G50-CL | | | | | | | | | | | | | |
|-------------------------------|----|---------------------------|-------------------|-------|------|-------------------|-------|------|-------------------|-------|------|-------------------|-------|
| EWT | ΔT | Indoor temperature (W.B.) | | | | | | | | | | | |
| | | 16 | | | 18 | | | 20 | | | 22 | | |
| | | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD |
| °C | °C | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa |
| 40 | 8 | 2.40 | 0.26 | 6.17 | 2.15 | 0.23 | 5.14 | 1.91 | 0.21 | 4.18 | 1.66 | 0.18 | 3.31 |
| | 10 | 2.28 | 0.20 | 3.90 | 2.03 | 0.17 | 3.20 | 1.77 | 0.15 | 2.51 | 1.51 | 0.13 | 1.74 |
| | 12 | 2.14 | 0.15 | 2.54 | 1.87 | 0.13 | 1.89 | 1.61 | 0.12 | 1.27 | 1.35 | 0.10 | 0.80 |
| | 14 | 1.97 | 0.12 | 1.42 | 1.71 | 0.11 | 0.97 | 1.44 | 0.09 | 0.67 | 1.14 | 0.07 | 0.51 |
| | 16 | 1.81 | 0.10 | 0.81 | 1.52 | 0.08 | 0.62 | 1.21 | 0.07 | 0.49 | 0.84 | 0.05 | 0.35 |
| 45 | 8 | 2.99 | 0.32 | 8.78 | 2.75 | 0.30 | 7.59 | 2.50 | 0.27 | 6.48 | 2.26 | 0.24 | 5.45 |
| | 10 | 2.89 | 0.25 | 5.68 | 2.64 | 0.23 | 4.88 | 2.39 | 0.21 | 4.13 | 2.15 | 0.19 | 3.43 |
| | 12 | 2.78 | 0.20 | 3.92 | 2.52 | 0.18 | 3.34 | 2.27 | 0.16 | 2.78 | 2.01 | 0.14 | 2.25 |
| | 14 | 2.64 | 0.16 | 2.78 | 2.37 | 0.15 | 2.29 | 2.11 | 0.13 | 1.78 | 1.84 | 0.11 | 1.26 |
| | 16 | 2.48 | 0.13 | 1.89 | 2.21 | 0.12 | 1.42 | 1.95 | 0.11 | 1.01 | 1.68 | 0.09 | 0.69 |
| 50 | 8 | 3.57 | 0.38 | 11.66 | 3.33 | 0.36 | 10.32 | 3.08 | 0.33 | 9.06 | 2.84 | 0.31 | 7.88 |
| | 10 | 3.49 | 0.30 | 7.68 | 3.24 | 0.28 | 6.77 | 3.00 | 0.26 | 5.92 | 2.75 | 0.24 | 5.12 |
| | 12 | 3.39 | 0.24 | 5.35 | 3.14 | 0.23 | 4.69 | 2.89 | 0.21 | 4.08 | 2.64 | 0.19 | 3.50 |
| | 14 | 3.28 | 0.20 | 3.90 | 3.02 | 0.19 | 3.40 | 2.76 | 0.17 | 2.93 | 2.51 | 0.15 | 2.48 |
| | 16 | 3.15 | 0.17 | 2.93 | 2.88 | 0.16 | 2.53 | 2.62 | 0.14 | 2.13 | 2.35 | 0.13 | 1.72 |
| 55 | 8 | 4.15 | 0.45 | 14.91 | 3.91 | 0.42 | 13.34 | 3.66 | 0.39 | 11.93 | 3.42 | 0.37 | 10.61 |
| | 10 | 4.07 | 0.35 | 9.82 | 3.83 | 0.33 | 8.82 | 3.58 | 0.31 | 7.87 | 3.34 | 0.29 | 6.97 |
| | 12 | 3.99 | 0.29 | 6.91 | 3.74 | 0.27 | 6.19 | 3.49 | 0.25 | 5.50 | 3.24 | 0.23 | 4.85 |
| | 14 | 3.89 | 0.24 | 5.12 | 3.64 | 0.22 | 4.57 | 3.39 | 0.21 | 4.04 | 3.14 | 0.19 | 3.55 |
| | 16 | 3.78 | 0.20 | 3.89 | 3.52 | 0.19 | 3.45 | 3.27 | 0.18 | 3.03 | 3.01 | 0.16 | 2.64 |
| 60 | 8 | 4.73 | 0.51 | 18.26 | 4.48 | 0.48 | 16.70 | 4.23 | 0.46 | 15.14 | 3.99 | 0.43 | 13.60 |
| | 10 | 4.66 | 0.40 | 12.10 | 4.41 | 0.38 | 11.00 | 4.16 | 0.36 | 9.95 | 3.92 | 0.34 | 8.96 |
| | 12 | 4.58 | 0.33 | 8.62 | 4.33 | 0.31 | 7.82 | 4.08 | 0.29 | 7.07 | 3.83 | 0.28 | 6.35 |
| | 14 | 4.49 | 0.28 | 6.39 | 4.24 | 0.26 | 5.79 | 3.99 | 0.25 | 5.21 | 3.74 | 0.23 | 4.67 |
| | 16 | 4.39 | 0.24 | 4.93 | 4.14 | 0.22 | 4.45 | 3.89 | 0.21 | 3.99 | 3.63 | 0.20 | 3.56 |

Abbreviations:

Δt: Temperature Difference. (°C) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m³/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

| MKT3-300G12-CL/ MKT3-300G30-CL | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|----|--------------------|---------------------------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 5 | 3 | 15 | 2.68 | 2.01 | 0.77 | 29.45 | 2.66 | 2.29 | 0.76 | 29.16 | 2.71 | 2.58 | 0.77 | 30.02 | 2.86 | 2.86 | 0.82 | 33.10 | 3.13 | 3.13 | 0.90 | 38.67 |
| | | 17 | 3.53 | 2.03 | 1.02 | 48.08 | 3.51 | 2.31 | 1.01 | 47.52 | 3.48 | 2.58 | 1.00 | 46.95 | 3.46 | 2.85 | 0.99 | 46.07 | 3.45 | 3.12 | 0.99 | 45.83 |
| | | 19 | - | - | - | - | 4.40 | 2.32 | 1.26 | 69.81 | 4.37 | 2.59 | 1.25 | 69.01 | 4.35 | 2.87 | 1.25 | 68.23 | 4.32 | 3.14 | 1.24 | 67.70 |
| | | 20 | - | - | - | - | 4.88 | 2.32 | 1.40 | 83.60 | 4.85 | 2.60 | 1.39 | 82.64 | 4.82 | 2.87 | 1.38 | 81.70 | 4.79 | 3.14 | 1.37 | 80.80 |
| | 4 | 15 | 2.38 | 1.87 | 0.51 | 14.71 | 2.42 | 2.17 | 0.52 | 15.13 | 2.54 | 2.47 | 0.55 | 16.57 | 2.76 | 2.76 | 0.59 | 19.08 | 3.03 | 3.03 | 0.65 | 22.42 |
| | | 17 | 3.26 | 1.90 | 0.70 | 25.16 | 3.24 | 2.18 | 0.69 | 24.87 | 3.22 | 2.46 | 0.69 | 24.58 | 3.21 | 2.73 | 0.69 | 24.43 | 3.25 | 3.01 | 0.70 | 24.95 |
| | | 19 | - | - | - | - | 4.16 | 2.20 | 0.89 | 38.26 | 4.13 | 2.48 | 0.89 | 37.82 | 4.11 | 2.75 | 0.88 | 37.40 | 4.08 | 3.02 | 0.88 | 36.99 |
| | | 20 | - | - | - | - | 4.64 | 2.21 | 1.00 | 46.27 | 4.61 | 2.49 | 0.99 | 45.75 | 4.58 | 2.76 | 0.98 | 45.24 | 4.56 | 3.03 | 0.98 | 44.74 |
| | 5 | 15 | 2.07 | 1.72 | 0.36 | 7.42 | 2.19 | 2.04 | 0.38 | 8.42 | 2.37 | 2.35 | 0.41 | 9.93 | 2.64 | 2.64 | 0.45 | 11.98 | 2.92 | 2.92 | 0.50 | 14.21 |
| | | 17 | 2.96 | 1.76 | 0.51 | 14.48 | 2.94 | 2.04 | 0.50 | 14.31 | 2.92 | 2.32 | 0.50 | 14.19 | 2.96 | 2.61 | 0.51 | 14.53 | 3.06 | 2.91 | 0.53 | 15.50 |
| | | 19 | - | - | - | - | 3.89 | 2.08 | 0.67 | 23.08 | 3.86 | 2.35 | 0.66 | 22.82 | 3.83 | 2.63 | 0.66 | 22.56 | 3.81 | 2.90 | 0.65 | 22.31 |
| | | 20 | - | - | - | - | 4.39 | 2.09 | 0.76 | 28.63 | 4.35 | 2.37 | 0.75 | 28.03 | 4.32 | 2.64 | 0.74 | 27.72 | 4.30 | 2.91 | 0.74 | 27.42 |
| | 6 | 15 | 1.87 | 1.62 | 0.27 | 3.53 | 2.03 | 1.93 | 0.29 | 4.38 | 2.24 | 2.23 | 0.32 | 5.72 | 2.52 | 2.52 | 0.36 | 7.66 | 2.80 | 2.80 | 0.40 | 9.63 |
| | | 17 | 2.59 | 1.60 | 0.37 | 8.19 | 2.57 | 1.88 | 0.37 | 8.07 | 2.62 | 2.18 | 0.37 | 8.40 | 2.72 | 2.48 | 0.39 | 9.12 | 2.88 | 2.79 | 0.41 | 10.13 |
| | | 19 | - | - | - | - | 3.58 | 1.94 | 0.51 | 14.73 | 3.55 | 2.22 | 0.51 | 14.55 | 3.53 | 2.49 | 0.51 | 14.38 | 3.52 | 2.77 | 0.50 | 14.29 |
| | | 20 | - | - | - | - | 4.08 | 1.96 | 0.58 | 18.32 | 4.06 | 2.24 | 0.58 | 18.12 | 4.03 | 2.51 | 0.58 | 17.91 | 4.00 | 2.78 | 0.57 | 17.72 |
| 7 | 3 | 15 | 2.05 | 1.72 | 0.59 | 18.63 | 2.12 | 2.01 | 0.61 | 19.77 | 2.30 | 2.30 | 0.66 | 22.55 | 2.58 | 2.58 | 0.74 | 27.42 | 2.86 | 2.86 | 0.83 | 33.04 |
| | | 17 | 2.90 | 1.74 | 0.84 | 33.92 | 2.88 | 2.02 | 0.83 | 33.50 | 2.86 | 2.29 | 0.83 | 33.07 | 2.86 | 2.57 | 0.83 | 33.13 | 2.93 | 2.85 | 0.85 | 34.57 |
| | | 19 | - | - | - | - | 3.79 | 2.03 | 1.09 | 53.13 | 3.76 | 2.31 | 1.08 | 52.52 | 3.74 | 2.58 | 1.08 | 52.04 | 3.71 | 2.85 | 1.07 | 51.70 |
| | | 20 | - | - | - | - | 4.27 | 2.04 | 1.23 | 65.92 | 4.24 | 2.31 | 1.22 | 64.85 | 4.21 | 2.59 | 1.21 | 63.96 | 4.18 | 2.86 | 1.21 | 63.39 |
| | 4 | 15 | 1.78 | 1.58 | 0.38 | 8.81 | 1.94 | 1.90 | 0.42 | 10.34 | 2.20 | 2.20 | 0.47 | 12.80 | 2.48 | 2.48 | 0.54 | 15.71 | 2.75 | 2.75 | 0.59 | 18.63 |
| | | 17 | 2.60 | 1.60 | 0.56 | 16.87 | 2.58 | 1.88 | 0.55 | 16.64 | 2.58 | 2.17 | 0.56 | 16.69 | 2.65 | 2.46 | 0.57 | 17.45 | 2.79 | 2.75 | 0.60 | 19.04 |
| | | 19 | - | - | - | - | 3.52 | 1.91 | 0.76 | 28.34 | 3.50 | 2.19 | 0.75 | 28.01 | 3.47 | 2.46 | 0.75 | 27.68 | 3.45 | 2.73 | 0.74 | 27.35 |
| | | 20 | - | - | - | - | 4.01 | 1.92 | 0.86 | 35.55 | 3.99 | 2.20 | 0.86 | 35.43 | 3.96 | 2.48 | 0.86 | 35.03 | 3.93 | 2.75 | 0.85 | 34.64 |
| | 5 | 15 | 1.58 | 1.47 | 0.27 | 3.81 | 1.79 | 1.78 | 0.31 | 5.29 | 2.07 | 2.07 | 0.36 | 7.56 | 2.36 | 2.36 | 0.41 | 9.77 | 2.64 | 2.64 | 0.45 | 11.84 |
| | | 17 | 2.23 | 1.44 | 0.38 | 8.81 | 2.23 | 1.73 | 0.38 | 8.84 | 2.32 | 2.03 | 0.40 | 9.45 | 2.46 | 2.34 | 0.42 | 10.46 | 2.66 | 2.65 | 0.46 | 11.93 |
| | | 19 | - | - | - | - | 3.22 | 1.78 | 0.55 | 16.54 | 3.19 | 2.06 | 0.55 | 16.34 | 3.17 | 2.33 | 0.55 | 16.14 | 3.17 | 2.61 | 0.55 | 16.18 |
| | | 20 | - | - | - | - | 3.72 | 1.80 | 0.64 | 21.12 | 3.69 | 2.07 | 0.64 | 20.87 | 3.67 | 2.35 | 0.63 | 20.63 | 3.64 | 2.62 | 0.63 | 20.40 |
| | 6 | 15 | 1.45 | 1.38 | 0.21 | 2.00 | 1.69 | 1.69 | 0.24 | 2.82 | 1.96 | 1.96 | 0.28 | 4.22 | 2.24 | 2.24 | 0.32 | 5.92 | 2.52 | 2.52 | 0.36 | 7.82 |
| | | 17 | 1.88 | 1.30 | 0.27 | 3.80 | 1.96 | 1.60 | 0.28 | 4.25 | 2.10 | 1.92 | 0.30 | 5.01 | 2.28 | 2.23 | 0.33 | 6.23 | 2.53 | 2.52 | 0.36 | 7.84 |
| | | 19 | - | - | - | - | 2.84 | 1.62 | 0.41 | 9.74 | 2.82 | 1.90 | 0.40 | 9.61 | 2.83 | 2.19 | 0.41 | 9.67 | 2.90 | 2.48 | 0.41 | 10.08 |
| | | 20 | - | - | - | - | 3.38 | 1.66 | 0.49 | 13.20 | 3.35 | 1.93 | 0.48 | 12.91 | 3.33 | 2.21 | 0.48 | 12.76 | 3.31 | 2.48 | 0.47 | 12.65 |

2-Pipe Duct MKT3(C) Series



(Continued)

| MKT3-300G12-CL/ MKT3-300G30-CL | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|----|--------------------|---------------------------|------|-------------------|-------|------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | |
| 9 | 3 | 15 | 1.49 | 1.44 | 0.43 | 10.54 | 1.74 | 1.74 | 0.50 | 13.70 | 2.02 | 2.02 | 0.58 | 17.76 | 2.30 | 2.30 | 0.66 | 22.17 | 2.58 | 2.58 | 0.75 | 27.29 | |
| | | 17 | 2.21 | 1.43 | 0.64 | 20.68 | 2.19 | 1.71 | 0.63 | 20.39 | 2.23 | 2.00 | 0.64 | 20.96 | 2.34 | 2.30 | 0.67 | 22.83 | 2.58 | 2.58 | 0.75 | 27.37 | |
| | | 19 | - | - | - | - | 3.12 | 1.74 | 0.90 | 37.45 | 3.10 | 2.02 | 0.89 | 36.98 | 3.08 | 2.29 | 0.88 | 36.52 | 3.06 | 2.56 | 0.88 | 36.14 | |
| | | 20 | - | - | - | - | 3.61 | 1.75 | 1.05 | 48.81 | 3.58 | 2.03 | 1.04 | 48.22 | 3.56 | 2.30 | 1.03 | 47.66 | 3.54 | 2.57 | 1.02 | 47.10 | |
| | 4 | 15 | 1.33 | 1.32 | 0.29 | 4.48 | 1.61 | 1.61 | 0.35 | 7.24 | 1.91 | 1.91 | 0.41 | 9.83 | 2.20 | 2.20 | 0.47 | 12.46 | 2.48 | 2.48 | 0.53 | 15.30 | |
| | | 17 | 1.85 | 1.28 | 0.40 | 9.28 | 1.89 | 1.58 | 0.41 | 9.69 | 2.02 | 1.89 | 0.43 | 10.79 | 2.21 | 2.20 | 0.47 | 12.58 | 2.48 | 2.48 | 0.53 | 15.34 | |
| | | 19 | - | - | - | - | 2.82 | 1.61 | 0.61 | 19.17 | 2.80 | 1.89 | 0.60 | 18.93 | 2.78 | 2.17 | 0.60 | 18.73 | 2.81 | 2.45 | 0.61 | 19.09 | |
| | | 20 | - | - | - | - | 3.32 | 1.63 | 0.72 | 25.51 | 3.30 | 1.91 | 0.71 | 25.20 | 3.28 | 2.18 | 0.71 | 24.90 | 3.25 | 2.46 | 0.70 | 24.60 | |
| | 5 | 15 | 1.23 | 1.23 | 0.21 | 2.04 | 1.50 | 1.50 | 0.26 | 3.45 | 1.79 | 1.79 | 0.31 | 5.45 | 2.08 | 2.08 | 0.36 | 7.66 | 2.36 | 2.36 | 0.41 | 9.64 | |
| | | 17 | 1.51 | 1.14 | 0.26 | 3.49 | 1.64 | 1.46 | 0.28 | 4.38 | 1.83 | 1.77 | 0.31 | 5.80 | 2.08 | 2.08 | 0.36 | 7.68 | 2.37 | 2.37 | 0.41 | 9.67 | |
| | | 19 | - | - | - | - | 2.45 | 1.46 | 0.42 | 10.22 | 2.43 | 1.74 | 0.42 | 10.10 | 2.48 | 2.04 | 0.43 | 10.43 | 2.58 | 2.34 | 0.44 | 11.17 | |
| | | 20 | - | - | - | - | 2.99 | 1.49 | 0.52 | 14.36 | 2.96 | 1.77 | 0.51 | 14.20 | 2.93 | 2.05 | 0.50 | 13.87 | 2.94 | 2.33 | 0.51 | 14.06 | |
| | 6 | 15 | 1.11 | 1.11 | 0.16 | 1.37 | 1.41 | 1.41 | 0.20 | 1.87 | 1.69 | 1.69 | 0.24 | 2.89 | 1.96 | 1.96 | 0.28 | 4.35 | 2.24 | 2.24 | 0.32 | 6.12 | |
| | | 17 | 1.29 | 1.04 | 0.18 | 1.61 | 1.49 | 1.37 | 0.21 | 2.10 | 1.70 | 1.68 | 0.24 | 2.98 | 1.96 | 1.96 | 0.28 | 4.37 | 2.25 | 2.25 | 0.32 | 6.14 | |
| | | 19 | - | - | - | - | 2.01 | 1.29 | 0.29 | 4.68 | 2.07 | 1.59 | 0.30 | 5.06 | 2.20 | 1.90 | 0.31 | 5.84 | 2.36 | 2.22 | 0.34 | 6.89 | |
| | | 20 | - | - | - | - | 2.56 | 1.33 | 0.37 | 8.05 | 2.54 | 1.61 | 0.36 | 7.92 | 2.55 | 1.89 | 0.37 | 8.00 | 2.64 | 2.20 | 0.38 | 8.47 | |
| | 11 | 3 | 15 | 1.15 | 1.15 | 0.33 | 6.42 | 1.45 | 1.45 | 0.41 | 9.79 | 1.74 | 1.74 | 0.50 | 13.34 | 2.02 | 2.02 | 0.58 | 17.27 | 2.30 | 2.30 | 0.66 | 21.55 |
| | | | 17 | 1.45 | 1.12 | 0.41 | 9.78 | 1.56 | 1.43 | 0.44 | 11.04 | 1.74 | 1.74 | 0.50 | 13.43 | 2.02 | 2.02 | 0.58 | 17.32 | 2.30 | 2.30 | 0.66 | 21.61 |
| | | | 19 | - | - | - | - | 2.40 | 1.44 | 0.68 | 23.10 | 2.38 | 1.72 | 0.68 | 22.77 | 2.38 | 2.00 | 0.68 | 22.81 | 2.45 | 2.29 | 0.70 | 23.95 |
| | | | 20 | - | - | - | - | 2.89 | 1.45 | 0.82 | 31.87 | 2.87 | 1.73 | 0.82 | 31.46 | 2.84 | 2.01 | 0.81 | 31.06 | 2.82 | 2.28 | 0.81 | 30.69 |
| | | 4 | 15 | 1.04 | 1.04 | 0.22 | 2.38 | 1.33 | 1.33 | 0.28 | 4.55 | 1.62 | 1.62 | 0.35 | 7.22 | 1.91 | 1.91 | 0.41 | 9.62 | 2.20 | 2.20 | 0.47 | 12.17 |
| | | | 17 | 1.16 | 0.99 | 0.25 | 3.22 | 1.36 | 1.31 | 0.29 | 4.85 | 1.62 | 1.62 | 0.35 | 7.23 | 1.92 | 1.92 | 0.41 | 9.64 | 2.20 | 2.20 | 0.47 | 12.21 |
| | | | 19 | - | - | - | - | 2.02 | 1.29 | 0.43 | 10.56 | 2.04 | 1.58 | 0.44 | 10.68 | 2.13 | 1.89 | 0.46 | 11.50 | 2.27 | 2.19 | 0.49 | 12.88 |
| | | | 20 | - | - | - | - | 2.55 | 1.32 | 0.55 | 15.69 | 2.53 | 1.60 | 0.54 | 15.48 | 2.52 | 1.88 | 0.54 | 15.31 | 2.55 | 2.17 | 0.55 | 15.73 |
| 5 | | 15 | 0.94 | 0.94 | 0.16 | 1.33 | 1.23 | 1.23 | 0.21 | 2.09 | 1.51 | 1.51 | 0.26 | 3.61 | 1.79 | 1.79 | 0.31 | 5.64 | 2.08 | 2.08 | 0.36 | 7.66 | |
| | | 17 | 1.00 | 0.90 | 0.17 | 1.42 | 1.24 | 1.23 | 0.21 | 2.14 | 1.51 | 1.51 | 0.26 | 3.62 | 1.79 | 1.79 | 0.31 | 5.66 | 2.09 | 2.09 | 0.36 | 7.68 | |
| | | 19 | - | - | - | - | 1.61 | 1.14 | 0.28 | 4.31 | 1.73 | 1.45 | 0.30 | 5.17 | 1.90 | 1.77 | 0.33 | 6.43 | 2.11 | 2.08 | 0.36 | 7.85 | |
| | | 20 | - | - | - | - | 2.14 | 1.16 | 0.37 | 7.98 | 2.12 | 1.45 | 0.37 | 7.88 | 2.19 | 1.75 | 0.38 | 8.30 | 2.31 | 2.05 | 0.40 | 9.10 | |
| 6 | | 15 | 0.81 | 0.81 | 0.12 | 0.94 | 1.12 | 1.12 | 0.16 | 1.31 | 1.41 | 1.41 | 0.20 | 1.89 | 1.69 | 1.69 | 0.24 | 3.02 | 1.97 | 1.97 | 0.28 | 4.54 | |
| | | 17 | 0.83 | 0.80 | 0.12 | 0.96 | 1.12 | 1.12 | 0.16 | 1.31 | 1.42 | 1.42 | 0.20 | 1.90 | 1.69 | 1.69 | 0.24 | 3.03 | 1.97 | 1.97 | 0.28 | 4.56 | |
| | | 19 | - | - | - | - | 1.36 | 1.04 | 0.20 | 1.74 | 1.54 | 1.36 | 0.22 | 2.35 | 1.74 | 1.67 | 0.25 | 3.28 | 1.97 | 1.97 | 0.28 | 4.60 | |
| | | 20 | - | - | - | - | 1.68 | 1.00 | 0.24 | 3.02 | 1.76 | 1.31 | 0.25 | 3.41 | 1.90 | 1.62 | 0.27 | 4.19 | 2.08 | 1.93 | 0.30 | 5.19 | |

(Continued)

| MKT3-300G12-CL/ MKT3-300G30-CL | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|----|--------------------|---------------------------|------|-------------------|------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 13 | 3 | 15 | 0.86 | 0.86 | 0.25 | 3.20 | 1.15 | 1.15 | 0.33 | 6.61 | 1.45 | 1.45 | 0.42 | 9.78 | 1.74 | 1.74 | 0.50 | 13.11 | 2.02 | 2.02 | 0.58 | 17.19 |
| | | 17 | 0.87 | 0.85 | 0.25 | 3.36 | 1.16 | 1.15 | 0.33 | 6.62 | 1.45 | 1.45 | 0.42 | 9.80 | 1.74 | 1.74 | 0.50 | 13.15 | 2.02 | 2.02 | 0.58 | 17.24 |
| | | 19 | - | - | - | - | 1.58 | 1.13 | 0.45 | 11.23 | 1.65 | 1.43 | 0.47 | 12.11 | 1.79 | 1.73 | 0.51 | 13.76 | 2.02 | 2.02 | 0.58 | 17.27 |
| | | 20 | - | - | - | - | 2.10 | 1.15 | 0.60 | 18.32 | 2.08 | 1.43 | 0.60 | 18.02 | 2.09 | 1.72 | 0.60 | 18.20 | 2.17 | 2.01 | 0.62 | 19.44 |
| | 4 | 15 | 0.75 | 0.75 | 0.16 | 1.29 | 1.04 | 1.04 | 0.22 | 2.52 | 1.33 | 1.33 | 0.29 | 4.79 | 1.62 | 1.62 | 0.35 | 7.17 | 1.91 | 1.91 | 0.41 | 9.47 |
| | | 17 | 0.76 | 0.75 | 0.16 | 1.29 | 1.05 | 1.05 | 0.23 | 2.53 | 1.33 | 1.33 | 0.29 | 4.81 | 1.63 | 1.63 | 0.35 | 7.19 | 1.92 | 1.92 | 0.41 | 9.50 |
| | | 19 | - | - | - | - | 1.22 | 0.99 | 0.26 | 3.88 | 1.40 | 1.31 | 0.30 | 5.39 | 1.64 | 1.63 | 0.35 | 7.27 | 1.92 | 1.92 | 0.41 | 9.53 |
| | | 20 | - | - | - | - | 1.65 | 0.99 | 0.35 | 7.36 | 1.69 | 1.29 | 0.36 | 7.66 | 1.81 | 1.60 | 0.39 | 8.65 | 1.98 | 1.91 | 0.42 | 10.07 |
| | 5 | 15 | 0.63 | 0.63 | 0.11 | 0.84 | 0.94 | 0.94 | 0.16 | 1.26 | 1.23 | 1.23 | 0.21 | 2.13 | 1.51 | 1.51 | 0.26 | 3.70 | 1.79 | 1.79 | 0.31 | 5.68 |
| | | 17 | 0.63 | 0.62 | 0.11 | 0.84 | 0.94 | 0.94 | 0.16 | 1.27 | 1.23 | 1.23 | 0.21 | 2.13 | 1.51 | 1.51 | 0.26 | 3.72 | 1.80 | 1.80 | 0.31 | 5.70 |
| | | 19 | - | - | - | - | 1.03 | 0.90 | 0.18 | 1.43 | 1.26 | 1.21 | 0.22 | 2.27 | 1.51 | 1.51 | 0.26 | 3.72 | 1.80 | 1.80 | 0.31 | 5.72 |
| | | 20 | - | - | - | - | 1.25 | 0.84 | 0.21 | 2.24 | 1.39 | 1.16 | 0.24 | 3.03 | 1.59 | 1.48 | 0.27 | 4.27 | 1.82 | 1.80 | 0.31 | 5.85 |
| 6 | 15 | 0.48 | 0.48 | 0.07 | 0.52 | 0.81 | 0.81 | 0.12 | 0.90 | 1.12 | 1.12 | 0.16 | 1.25 | 1.41 | 1.41 | 0.20 | 1.92 | 1.69 | 1.69 | 0.24 | 3.10 | |
| | 17 | 0.48 | 0.48 | 0.07 | 0.53 | 0.82 | 0.82 | 0.12 | 0.90 | 1.12 | 1.12 | 0.16 | 1.25 | 1.41 | 1.41 | 0.20 | 1.93 | 1.69 | 1.69 | 0.24 | 3.12 | |
| | 19 | - | - | - | - | 0.85 | 0.79 | 0.12 | 0.93 | 1.13 | 1.12 | 0.16 | 1.26 | 1.42 | 1.41 | 0.20 | 1.93 | 1.69 | 1.69 | 0.24 | 3.13 | |
| | 20 | - | - | - | - | 0.97 | 0.74 | 0.14 | 1.06 | 1.22 | 1.08 | 0.17 | 1.40 | 1.45 | 1.39 | 0.21 | 2.07 | 1.69 | 1.69 | 0.24 | 3.15 | |
| 15 | 3 | 15 | 0.57 | 0.57 | 0.16 | 1.24 | 0.86 | 0.86 | 0.24 | 3.24 | 1.15 | 1.15 | 0.33 | 6.46 | 1.45 | 1.45 | 0.41 | 9.49 | 1.73 | 1.73 | 0.49 | 12.89 |
| | | 17 | 0.57 | 0.57 | 0.16 | 1.24 | 0.86 | 0.86 | 0.24 | 3.26 | 1.16 | 1.16 | 0.33 | 6.47 | 1.45 | 1.45 | 0.41 | 9.52 | 1.74 | 1.74 | 0.50 | 12.93 |
| | | 19 | - | - | - | - | 0.89 | 0.84 | 0.25 | 3.60 | 1.15 | 1.15 | 0.33 | 6.47 | 1.45 | 1.45 | 0.41 | 9.55 | 1.74 | 1.74 | 0.50 | 12.97 |
| | | 20 | - | - | - | - | 1.16 | 0.82 | 0.33 | 6.48 | 1.29 | 1.13 | 0.37 | 7.80 | 1.48 | 1.45 | 0.42 | 9.85 | 1.74 | 1.74 | 0.50 | 12.97 |
| | 4 | 15 | 0.44 | 0.44 | 0.09 | 0.70 | 0.75 | 0.75 | 0.16 | 1.23 | 1.04 | 1.04 | 0.22 | 2.56 | 1.33 | 1.33 | 0.28 | 4.83 | 1.62 | 1.62 | 0.35 | 7.08 |
| | | 17 | 0.44 | 0.44 | 0.09 | 0.70 | 0.76 | 0.76 | 0.16 | 1.23 | 1.04 | 1.04 | 0.22 | 2.57 | 1.33 | 1.33 | 0.29 | 4.85 | 1.63 | 1.63 | 0.35 | 7.10 |
| | | 19 | - | - | - | - | 0.76 | 0.75 | 0.16 | 1.25 | 1.04 | 1.04 | 0.22 | 2.58 | 1.33 | 1.33 | 0.29 | 4.87 | 1.63 | 1.63 | 0.35 | 7.12 |
| | | 20 | - | - | - | - | 0.87 | 0.70 | 0.19 | 1.60 | 1.08 | 1.02 | 0.23 | 2.85 | 1.33 | 1.33 | 0.29 | 4.89 | 1.63 | 1.63 | 0.35 | 7.13 |
| | 5 | 15 | 0.28 | 0.28 | 0.05 | 0.36 | 0.63 | 0.63 | 0.11 | 0.81 | 0.94 | 0.94 | 0.16 | 1.23 | 1.23 | 1.23 | 0.21 | 2.24 | 1.51 | 1.51 | 0.26 | 3.89 |
| | | 17 | 0.28 | 0.28 | 0.05 | 0.36 | 0.63 | 0.63 | 0.11 | 0.81 | 0.95 | 0.95 | 0.16 | 1.24 | 1.23 | 1.23 | 0.21 | 2.25 | 1.51 | 1.51 | 0.26 | 3.91 |
| | | 19 | - | - | - | - | 0.63 | 0.63 | 0.11 | 0.81 | 0.95 | 0.95 | 0.16 | 1.24 | 1.23 | 1.23 | 0.21 | 2.26 | 1.51 | 1.51 | 0.26 | 3.93 |
| | | 20 | - | - | - | - | 0.67 | 0.60 | 0.12 | 0.85 | 0.96 | 0.94 | 0.17 | 1.26 | 1.23 | 1.23 | 0.21 | 2.25 | 1.51 | 1.51 | 0.26 | 3.93 |
| 6 | 15 | - | - | - | - | 0.49 | 0.49 | 0.07 | 0.51 | 0.82 | 0.82 | 0.12 | 0.86 | 1.13 | 1.13 | 0.16 | 1.22 | 1.41 | 1.41 | 0.20 | 2.01 | |
| | 17 | - | - | - | - | 0.49 | 0.49 | 0.07 | 0.51 | 0.82 | 0.82 | 0.12 | 0.86 | 1.13 | 1.13 | 0.16 | 1.22 | 1.41 | 1.41 | 0.20 | 2.02 | |
| | 19 | - | - | - | - | 0.49 | 0.49 | 0.07 | 0.51 | 0.82 | 0.82 | 0.12 | 0.87 | 1.13 | 1.13 | 0.16 | 1.23 | 1.42 | 1.42 | 0.20 | 2.03 | |
| | 20 | - | - | - | - | 0.49 | 0.49 | 0.07 | 0.51 | 0.82 | 0.82 | 0.12 | 0.87 | 1.13 | 1.13 | 0.16 | 1.23 | 1.42 | 1.42 | 0.20 | 2.03 | |

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

2-Pipe Duct MKT3(C) Series



Heating Capacity Table

| MKT3-300G12-CL/ MKT3-300G30-CL | | | | | | | | | | | | | |
|--------------------------------|----|---------------------------|-------------------|-------|------|-------------------|-------|------|-------------------|-------|------|-------------------|-------|
| EWT | ΔT | Indoor temperature (W.B.) | | | | | | | | | | | |
| | | 16 | | | 18 | | | 20 | | | 22 | | |
| | | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD |
| °C | °C | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa |
| 40 | 8 | 3.25 | 0.35 | 6.32 | 2.90 | 0.31 | 5.21 | 2.56 | 0.28 | 4.20 | 2.21 | 0.24 | 3.27 |
| | 10 | 3.05 | 0.26 | 3.89 | 2.69 | 0.23 | 3.15 | 2.32 | 0.20 | 2.41 | 1.96 | 0.17 | 1.61 |
| | 12 | 2.80 | 0.20 | 2.44 | 2.43 | 0.18 | 1.75 | 2.08 | 0.15 | 1.14 | 1.72 | 0.12 | 0.71 |
| | 14 | 2.55 | 0.16 | 1.29 | 2.19 | 0.14 | 0.87 | 1.82 | 0.11 | 0.61 | 1.40 | 0.09 | 0.47 |
| | 16 | 2.31 | 0.12 | 0.73 | 1.91 | 0.10 | 0.57 | 1.48 | 0.08 | 0.45 | 0.98 | 0.05 | 0.30 |
| 45 | 8 | 4.10 | 0.44 | 9.14 | 3.75 | 0.40 | 7.86 | 3.41 | 0.37 | 6.67 | 3.07 | 0.33 | 5.56 |
| | 10 | 3.92 | 0.34 | 5.82 | 3.57 | 0.31 | 4.96 | 3.22 | 0.28 | 4.15 | 2.87 | 0.25 | 3.41 |
| | 12 | 3.72 | 0.27 | 3.93 | 3.36 | 0.24 | 3.31 | 3.00 | 0.22 | 2.73 | 2.63 | 0.19 | 2.15 |
| | 14 | 3.49 | 0.21 | 2.72 | 3.11 | 0.19 | 2.20 | 2.73 | 0.17 | 1.65 | 2.37 | 0.15 | 1.14 |
| | 16 | 3.22 | 0.17 | 1.76 | 2.85 | 0.15 | 1.29 | 2.49 | 0.13 | 0.90 | 2.12 | 0.11 | 0.62 |
| 50 | 8 | 4.93 | 0.53 | 12.29 | 4.58 | 0.49 | 10.84 | 4.24 | 0.46 | 9.47 | 3.90 | 0.42 | 8.20 |
| | 10 | 4.77 | 0.41 | 7.97 | 4.42 | 0.38 | 7.00 | 4.08 | 0.35 | 6.08 | 3.73 | 0.32 | 5.23 |
| | 12 | 4.60 | 0.33 | 5.47 | 4.24 | 0.30 | 4.77 | 3.89 | 0.28 | 4.11 | 3.53 | 0.25 | 3.50 |
| | 14 | 4.40 | 0.27 | 3.93 | 4.04 | 0.25 | 3.39 | 3.67 | 0.23 | 2.89 | 3.31 | 0.20 | 2.42 |
| | 16 | 4.18 | 0.23 | 2.89 | 3.80 | 0.21 | 2.47 | 3.42 | 0.18 | 2.04 | 3.05 | 0.16 | 1.60 |
| 55 | 8 | 5.75 | 0.62 | 15.84 | 5.40 | 0.58 | 14.14 | 5.06 | 0.55 | 12.61 | 4.72 | 0.51 | 11.17 |
| | 10 | 5.61 | 0.48 | 10.32 | 5.26 | 0.45 | 9.23 | 4.91 | 0.42 | 8.20 | 4.57 | 0.39 | 7.23 |
| | 12 | 5.45 | 0.39 | 7.17 | 5.10 | 0.37 | 6.39 | 4.75 | 0.34 | 5.65 | 4.40 | 0.32 | 4.96 |
| | 14 | 5.28 | 0.33 | 5.24 | 4.92 | 0.30 | 4.65 | 4.56 | 0.28 | 4.09 | 4.21 | 0.26 | 3.56 |
| | 16 | 5.08 | 0.27 | 3.92 | 4.72 | 0.25 | 3.46 | 4.35 | 0.23 | 3.02 | 3.99 | 0.22 | 2.60 |
| 60 | 8 | 6.58 | 0.71 | 19.53 | 6.22 | 0.67 | 17.83 | 5.88 | 0.63 | 16.12 | 5.53 | 0.60 | 14.51 |
| | 10 | 6.43 | 0.56 | 12.81 | 6.08 | 0.52 | 11.61 | 5.74 | 0.49 | 10.48 | 5.39 | 0.46 | 9.41 |
| | 12 | 6.30 | 0.45 | 9.03 | 5.94 | 0.43 | 8.17 | 5.59 | 0.40 | 7.35 | 5.24 | 0.38 | 6.58 |
| | 14 | 6.13 | 0.38 | 6.62 | 5.78 | 0.36 | 5.97 | 5.42 | 0.33 | 5.36 | 5.07 | 0.31 | 4.77 |
| | 16 | 5.96 | 0.32 | 5.05 | 5.60 | 0.30 | 4.54 | 5.24 | 0.28 | 4.05 | 4.88 | 0.26 | 3.59 |

Abbreviations:

Δt: Temperature Difference. (°C) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m³/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

| MKT3-300G50-CL | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----|--------------------|---------------------------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 5 | 3 | 15 | 2.68 | 2.01 | 0.77 | 29.50 | 2.66 | 2.29 | 0.76 | 29.21 | 2.71 | 2.58 | 0.77 | 30.08 | 2.87 | 2.86 | 0.82 | 33.17 | 3.14 | 3.14 | 0.90 | 38.75 |
| | | 17 | 3.53 | 2.03 | 1.02 | 48.18 | 3.51 | 2.31 | 1.01 | 47.61 | 3.49 | 2.58 | 1.00 | 47.04 | 3.46 | 2.86 | 1.00 | 46.50 | 3.45 | 3.13 | 0.99 | 45.92 |
| | | 19 | - | - | - | - | 4.41 | 2.32 | 1.26 | 69.96 | 4.38 | 2.60 | 1.26 | 69.16 | 4.35 | 2.87 | 1.25 | 68.36 | 4.32 | 3.14 | 1.24 | 67.70 |
| | | 20 | - | - | - | - | 4.89 | 2.33 | 1.40 | 83.78 | 4.85 | 2.60 | 1.39 | 82.81 | 4.82 | 2.88 | 1.38 | 81.88 | 4.79 | 3.15 | 1.38 | 80.97 |
| | 4 | 15 | 2.38 | 1.88 | 0.51 | 14.73 | 2.42 | 2.17 | 0.52 | 15.15 | 2.54 | 2.47 | 0.55 | 16.60 | 2.76 | 2.76 | 0.60 | 19.12 | 3.04 | 3.04 | 0.65 | 22.42 |
| | | 17 | 3.27 | 1.91 | 0.70 | 25.21 | 3.24 | 2.18 | 0.70 | 24.91 | 3.22 | 2.46 | 0.69 | 24.63 | 3.21 | 2.74 | 0.69 | 24.47 | 3.25 | 3.02 | 0.70 | 24.99 |
| | | 19 | - | - | - | - | 4.17 | 2.21 | 0.89 | 38.33 | 4.14 | 2.48 | 0.89 | 37.90 | 4.11 | 2.76 | 0.88 | 37.47 | 4.09 | 3.03 | 0.88 | 37.06 |
| | | 20 | - | - | - | - | 4.65 | 2.22 | 1.00 | 46.35 | 4.62 | 2.49 | 0.99 | 45.83 | 4.59 | 2.77 | 0.99 | 45.32 | 4.56 | 3.04 | 0.98 | 44.83 |
| | 5 | 15 | 2.08 | 1.73 | 0.36 | 7.43 | 2.19 | 2.04 | 0.38 | 8.44 | 2.38 | 2.35 | 0.41 | 9.95 | 2.64 | 2.64 | 0.45 | 12.00 | 2.92 | 2.92 | 0.50 | 14.24 |
| | | 17 | 2.96 | 1.76 | 0.51 | 14.50 | 2.94 | 2.04 | 0.50 | 14.33 | 2.92 | 2.32 | 0.50 | 14.21 | 2.96 | 2.61 | 0.51 | 14.55 | 3.07 | 2.91 | 0.53 | 15.53 |
| | | 19 | - | - | - | - | 3.89 | 2.08 | 0.67 | 23.12 | 3.86 | 2.36 | 0.66 | 22.85 | 3.84 | 2.63 | 0.66 | 22.60 | 3.81 | 2.90 | 0.65 | 22.35 |
| | | 20 | - | - | - | - | 4.39 | 2.10 | 0.76 | 28.68 | 4.36 | 2.37 | 0.75 | 28.08 | 4.33 | 2.65 | 0.74 | 27.77 | 4.30 | 2.92 | 0.74 | 27.46 |
| | 6 | 15 | 1.87 | 1.62 | 0.27 | 3.54 | 2.03 | 1.93 | 0.29 | 4.39 | 2.24 | 2.24 | 0.32 | 5.73 | 2.52 | 2.52 | 0.36 | 7.68 | 2.80 | 2.80 | 0.40 | 9.65 |
| | | 17 | 2.59 | 1.60 | 0.37 | 8.20 | 2.57 | 1.88 | 0.37 | 8.08 | 2.62 | 2.18 | 0.38 | 8.41 | 2.73 | 2.48 | 0.39 | 9.13 | 2.88 | 2.79 | 0.41 | 10.15 |
| | | 19 | - | - | - | - | 3.58 | 1.94 | 0.51 | 14.75 | 3.56 | 2.22 | 0.51 | 14.58 | 3.53 | 2.49 | 0.51 | 14.40 | 3.52 | 2.77 | 0.50 | 14.31 |
| | | 20 | - | - | - | - | 4.09 | 1.96 | 0.58 | 18.35 | 4.06 | 2.24 | 0.58 | 18.14 | 4.03 | 2.51 | 0.58 | 17.94 | 4.01 | 2.79 | 0.57 | 17.74 |
| 7 | 3 | 15 | 2.05 | 1.72 | 0.59 | 18.66 | 2.12 | 2.02 | 0.61 | 19.81 | 2.31 | 2.30 | 0.66 | 22.60 | 2.59 | 2.59 | 0.74 | 27.48 | 2.86 | 2.86 | 0.83 | 33.11 |
| | | 17 | 2.91 | 1.74 | 0.84 | 33.99 | 2.88 | 2.02 | 0.83 | 33.56 | 2.86 | 2.29 | 0.83 | 33.14 | 2.87 | 2.57 | 0.83 | 33.19 | 2.94 | 2.86 | 0.85 | 34.64 |
| | | 19 | - | - | - | - | 3.79 | 2.03 | 1.09 | 53.24 | 3.77 | 2.31 | 1.08 | 52.62 | 3.74 | 2.58 | 1.08 | 52.07 | 3.72 | 2.86 | 1.07 | 51.80 |
| | | 20 | - | - | - | - | 4.27 | 2.04 | 1.23 | 66.05 | 4.24 | 2.32 | 1.22 | 65.03 | 4.21 | 2.59 | 1.21 | 64.10 | 4.19 | 2.86 | 1.21 | 63.39 |
| | 4 | 15 | 1.78 | 1.58 | 0.38 | 8.83 | 1.95 | 1.90 | 0.42 | 10.35 | 2.20 | 2.20 | 0.48 | 12.82 | 2.48 | 2.48 | 0.54 | 15.75 | 2.76 | 2.76 | 0.59 | 18.67 |
| | | 17 | 2.60 | 1.60 | 0.56 | 16.90 | 2.58 | 1.88 | 0.56 | 16.67 | 2.59 | 2.17 | 0.56 | 16.72 | 2.66 | 2.46 | 0.57 | 17.48 | 2.79 | 2.76 | 0.60 | 19.07 |
| | | 19 | - | - | - | - | 3.52 | 1.91 | 0.76 | 28.39 | 3.50 | 2.19 | 0.75 | 28.06 | 3.48 | 2.47 | 0.75 | 27.72 | 3.45 | 2.74 | 0.74 | 27.39 |
| | | 20 | - | - | - | - | 4.01 | 1.92 | 0.86 | 35.54 | 3.99 | 2.20 | 0.86 | 35.50 | 3.96 | 2.48 | 0.86 | 35.09 | 3.94 | 2.75 | 0.85 | 34.70 |
| | 5 | 15 | 1.59 | 1.47 | 0.27 | 3.81 | 1.79 | 1.78 | 0.31 | 5.30 | 2.07 | 2.07 | 0.36 | 7.58 | 2.36 | 2.36 | 0.41 | 9.79 | 2.65 | 2.65 | 0.46 | 11.87 |
| | | 17 | 2.23 | 1.44 | 0.38 | 8.82 | 2.24 | 1.73 | 0.38 | 8.85 | 2.32 | 2.04 | 0.40 | 9.46 | 2.46 | 2.35 | 0.42 | 10.48 | 2.66 | 2.65 | 0.46 | 11.96 |
| | | 19 | - | - | - | - | 3.22 | 1.78 | 0.55 | 16.57 | 3.20 | 2.06 | 0.55 | 16.37 | 3.17 | 2.34 | 0.55 | 16.16 | 3.18 | 2.61 | 0.55 | 16.20 |
| | | 20 | - | - | - | - | 3.72 | 1.80 | 0.64 | 21.15 | 3.69 | 2.08 | 0.64 | 20.90 | 3.67 | 2.35 | 0.63 | 20.66 | 3.65 | 2.63 | 0.63 | 20.43 |
| | 6 | 15 | 1.45 | 1.39 | 0.21 | 2.00 | 1.69 | 1.69 | 0.24 | 2.82 | 1.96 | 1.96 | 0.28 | 4.23 | 2.24 | 2.24 | 0.32 | 5.93 | 2.52 | 2.52 | 0.36 | 7.83 |
| | | 17 | 1.88 | 1.30 | 0.27 | 3.81 | 1.96 | 1.61 | 0.28 | 4.25 | 2.10 | 1.92 | 0.30 | 5.02 | 2.29 | 2.23 | 0.33 | 6.24 | 2.53 | 2.53 | 0.36 | 7.86 |
| | | 19 | - | - | - | - | 2.84 | 1.62 | 0.41 | 9.76 | 2.82 | 1.90 | 0.40 | 9.62 | 2.83 | 2.19 | 0.41 | 9.68 | 2.90 | 2.48 | 0.42 | 10.10 |
| | | 20 | - | - | - | - | 3.39 | 1.66 | 0.49 | 13.22 | 3.35 | 1.93 | 0.48 | 12.93 | 3.33 | 2.21 | 0.48 | 12.78 | 3.31 | 2.49 | 0.47 | 12.66 |

2-Pipe Duct MKT3(C) Series



(Continued)

| MKT3-300G50-CL | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----|--------------------|---------------------------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 9 | 3 | 15 | 1.49 | 1.44 | 0.43 | 10.56 | 1.74 | 1.74 | 0.50 | 13.73 | 2.02 | 2.02 | 0.58 | 17.80 | 2.30 | 2.30 | 0.66 | 22.22 | 2.58 | 2.58 | 0.75 | 27.35 |
| | | 17 | 2.21 | 1.43 | 0.64 | 20.72 | 2.20 | 1.72 | 0.63 | 20.43 | 2.23 | 2.01 | 0.64 | 20.99 | 2.34 | 2.30 | 0.67 | 22.88 | 2.59 | 2.59 | 0.75 | 27.43 |
| | | 19 | - | - | - | - | 3.12 | 1.74 | 0.90 | 37.52 | 3.10 | 2.02 | 0.89 | 37.05 | 3.08 | 2.29 | 0.89 | 36.59 | 3.06 | 2.57 | 0.88 | 36.20 |
| | | 20 | - | - | - | - | 3.61 | 1.75 | 1.05 | 48.90 | 3.59 | 2.03 | 1.04 | 48.31 | 3.56 | 2.30 | 1.03 | 47.75 | 3.54 | 2.58 | 1.03 | 47.19 |
| | 4 | 15 | 1.33 | 1.32 | 0.29 | 4.49 | 1.62 | 1.62 | 0.35 | 7.26 | 1.91 | 1.91 | 0.41 | 9.85 | 2.20 | 2.20 | 0.47 | 12.49 | 2.48 | 2.48 | 0.53 | 15.33 |
| | | 17 | 1.85 | 1.28 | 0.40 | 9.29 | 1.90 | 1.58 | 0.41 | 9.70 | 2.02 | 1.89 | 0.43 | 10.81 | 2.21 | 2.20 | 0.48 | 12.60 | 2.48 | 2.48 | 0.53 | 15.38 |
| | | 19 | - | - | - | - | 2.82 | 1.61 | 0.61 | 19.21 | 2.80 | 1.89 | 0.61 | 18.96 | 2.79 | 2.17 | 0.60 | 18.76 | 2.82 | 2.46 | 0.61 | 19.12 |
| | | 20 | - | - | - | - | 3.33 | 1.63 | 0.72 | 25.56 | 3.30 | 1.91 | 0.71 | 25.24 | 3.28 | 2.19 | 0.71 | 24.94 | 3.26 | 2.46 | 0.70 | 24.64 |
| | 5 | 15 | 1.23 | 1.23 | 0.21 | 2.04 | 1.51 | 1.51 | 0.26 | 3.46 | 1.79 | 1.79 | 0.31 | 5.46 | 2.08 | 2.08 | 0.36 | 7.68 | 2.37 | 2.37 | 0.41 | 9.66 |
| | | 17 | 1.51 | 1.14 | 0.26 | 3.49 | 1.64 | 1.46 | 0.28 | 4.39 | 1.83 | 1.78 | 0.32 | 5.81 | 2.08 | 2.08 | 0.36 | 7.70 | 2.37 | 2.37 | 0.41 | 9.69 |
| | | 19 | - | - | - | - | 2.45 | 1.46 | 0.42 | 10.23 | 2.44 | 1.75 | 0.42 | 10.11 | 2.48 | 2.04 | 0.43 | 10.44 | 2.58 | 2.34 | 0.44 | 11.19 |
| | | 20 | - | - | - | - | 2.99 | 1.49 | 0.52 | 14.38 | 2.97 | 1.77 | 0.51 | 14.22 | 2.94 | 2.05 | 0.50 | 13.87 | 2.95 | 2.33 | 0.51 | 14.08 |
| 6 | 15 | 1.11 | 1.11 | 0.16 | 1.37 | 1.41 | 1.41 | 0.20 | 1.87 | 1.69 | 1.69 | 0.24 | 2.90 | 1.96 | 1.96 | 0.28 | 4.36 | 2.24 | 2.24 | 0.32 | 6.13 | |
| | 17 | 1.29 | 1.04 | 0.18 | 1.61 | 1.49 | 1.37 | 0.21 | 2.10 | 1.71 | 1.68 | 0.24 | 2.98 | 1.97 | 1.97 | 0.28 | 4.38 | 2.25 | 2.25 | 0.32 | 6.16 | |
| | 19 | - | - | - | - | 2.01 | 1.29 | 0.29 | 4.68 | 2.07 | 1.59 | 0.30 | 5.06 | 2.20 | 1.91 | 0.32 | 5.85 | 2.37 | 2.22 | 0.34 | 6.90 | |
| | 20 | - | - | - | - | 2.57 | 1.33 | 0.37 | 8.06 | 2.54 | 1.61 | 0.36 | 7.92 | 2.56 | 1.90 | 0.37 | 8.01 | 2.64 | 2.20 | 0.38 | 8.48 | |
| 11 | 3 | 15 | 1.15 | 1.15 | 0.33 | 6.44 | 1.45 | 1.45 | 0.41 | 9.81 | 1.74 | 1.74 | 0.50 | 13.37 | 2.02 | 2.02 | 0.58 | 17.30 | 2.30 | 2.30 | 0.66 | 21.59 |
| | | 17 | 1.45 | 1.12 | 0.41 | 9.79 | 1.56 | 1.43 | 0.44 | 11.06 | 1.75 | 1.74 | 0.50 | 13.46 | 2.03 | 2.03 | 0.58 | 17.35 | 2.31 | 2.31 | 0.66 | 21.66 |
| | | 19 | - | - | - | - | 2.40 | 1.44 | 0.68 | 23.14 | 2.38 | 1.72 | 0.68 | 22.81 | 2.38 | 2.00 | 0.68 | 22.85 | 2.45 | 2.29 | 0.70 | 23.99 |
| | | 20 | - | - | - | - | 2.89 | 1.45 | 0.83 | 31.92 | 2.87 | 1.73 | 0.82 | 31.51 | 2.85 | 2.01 | 0.81 | 31.11 | 2.83 | 2.29 | 0.81 | 30.74 |
| | 4 | 15 | 1.04 | 1.04 | 0.22 | 2.38 | 1.33 | 1.33 | 0.28 | 4.56 | 1.62 | 1.62 | 0.35 | 7.24 | 1.91 | 1.91 | 0.41 | 9.63 | 2.20 | 2.20 | 0.47 | 12.19 |
| | | 17 | 1.17 | 1.00 | 0.25 | 3.23 | 1.36 | 1.32 | 0.29 | 4.86 | 1.62 | 1.62 | 0.35 | 7.25 | 1.92 | 1.92 | 0.41 | 9.66 | 2.20 | 2.20 | 0.47 | 12.23 |
| | | 19 | - | - | - | - | 2.03 | 1.30 | 0.43 | 10.58 | 2.04 | 1.59 | 0.44 | 10.69 | 2.13 | 1.89 | 0.46 | 11.52 | 2.27 | 2.19 | 0.49 | 12.90 |
| | | 20 | - | - | - | - | 2.55 | 1.32 | 0.55 | 15.72 | 2.53 | 1.60 | 0.54 | 15.51 | 2.52 | 1.88 | 0.54 | 15.33 | 2.56 | 2.17 | 0.55 | 15.75 |
| | 5 | 15 | 0.94 | 0.94 | 0.16 | 1.33 | 1.23 | 1.23 | 0.21 | 2.09 | 1.51 | 1.51 | 0.26 | 3.62 | 1.79 | 1.79 | 0.31 | 5.65 | 2.09 | 2.09 | 0.36 | 7.67 |
| | | 17 | 1.00 | 0.90 | 0.17 | 1.42 | 1.24 | 1.23 | 0.21 | 2.14 | 1.51 | 1.51 | 0.26 | 3.63 | 1.80 | 1.80 | 0.31 | 5.67 | 2.09 | 2.09 | 0.36 | 7.69 |
| | | 19 | - | - | - | - | 1.61 | 1.14 | 0.28 | 4.32 | 1.73 | 1.45 | 0.30 | 5.18 | 1.90 | 1.77 | 0.33 | 6.44 | 2.12 | 2.09 | 0.36 | 7.87 |
| | | 20 | - | - | - | - | 2.14 | 1.16 | 0.37 | 7.98 | 2.12 | 1.45 | 0.37 | 7.89 | 2.19 | 1.75 | 0.38 | 8.31 | 2.31 | 2.06 | 0.40 | 9.11 |
| 6 | 15 | 0.81 | 0.81 | 0.12 | 0.94 | 1.12 | 1.12 | 0.16 | 1.31 | 1.41 | 1.41 | 0.20 | 1.90 | 1.69 | 1.69 | 0.24 | 3.03 | 1.97 | 1.97 | 0.28 | 4.55 | |
| | 17 | 0.83 | 0.80 | 0.12 | 0.96 | 1.12 | 1.12 | 0.16 | 1.31 | 1.42 | 1.42 | 0.20 | 1.90 | 1.69 | 1.69 | 0.24 | 3.04 | 1.97 | 1.97 | 0.28 | 4.57 | |
| | 19 | - | - | - | - | 1.36 | 1.04 | 0.20 | 1.74 | 1.54 | 1.36 | 0.22 | 2.35 | 1.74 | 1.67 | 0.25 | 3.28 | 1.98 | 1.97 | 0.28 | 4.61 | |
| | 20 | - | - | - | - | 1.68 | 1.00 | 0.24 | 3.02 | 1.76 | 1.31 | 0.25 | 3.42 | 1.90 | 1.62 | 0.27 | 4.20 | 2.08 | 1.94 | 0.30 | 5.20 | |

(Continued)

| MKT3-300G50-CL | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----|--------------------|---------------------------|------|-------------------|------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 13 | 3 | 15 | 0.86 | 0.86 | 0.25 | 3.21 | 1.16 | 1.16 | 0.33 | 6.62 | 1.45 | 1.45 | 0.42 | 9.79 | 1.74 | 1.74 | 0.50 | 13.14 | 2.02 | 2.02 | 0.58 | 17.23 |
| | | 17 | 0.87 | 0.85 | 0.25 | 3.36 | 1.16 | 1.16 | 0.33 | 6.64 | 1.45 | 1.45 | 0.42 | 9.82 | 1.74 | 1.74 | 0.50 | 13.18 | 2.02 | 2.02 | 0.58 | 17.28 |
| | | 19 | - | - | - | - | 1.58 | 1.13 | 0.45 | 11.25 | 1.65 | 1.43 | 0.47 | 12.13 | 1.79 | 1.74 | 0.51 | 13.79 | 2.03 | 2.02 | 0.58 | 17.31 |
| | | 20 | - | - | - | - | 2.10 | 1.15 | 0.60 | 18.35 | 2.08 | 1.43 | 0.60 | 18.05 | 2.09 | 1.72 | 0.60 | 18.23 | 2.17 | 2.01 | 0.62 | 19.47 |
| | 4 | 15 | 0.76 | 0.76 | 0.16 | 1.29 | 1.04 | 1.04 | 0.22 | 2.52 | 1.33 | 1.33 | 0.29 | 4.80 | 1.62 | 1.62 | 0.35 | 7.18 | 1.91 | 1.91 | 0.41 | 9.49 |
| | | 17 | 0.76 | 0.76 | 0.16 | 1.29 | 1.05 | 1.05 | 0.23 | 2.53 | 1.33 | 1.33 | 0.29 | 4.82 | 1.63 | 1.63 | 0.35 | 7.20 | 1.92 | 1.92 | 0.41 | 9.52 |
| | | 19 | - | - | - | - | 1.22 | 0.99 | 0.26 | 3.89 | 1.40 | 1.31 | 0.30 | 5.40 | 1.64 | 1.63 | 0.35 | 7.28 | 1.92 | 1.92 | 0.41 | 9.55 |
| | | 20 | - | - | - | - | 1.65 | 0.99 | 0.35 | 7.37 | 1.69 | 1.29 | 0.36 | 7.67 | 1.82 | 1.60 | 0.39 | 8.66 | 1.98 | 1.91 | 0.43 | 10.08 |
| | 5 | 15 | 0.63 | 0.63 | 0.11 | 0.84 | 0.94 | 0.94 | 0.16 | 1.26 | 1.23 | 1.23 | 0.21 | 2.13 | 1.51 | 1.51 | 0.26 | 3.71 | 1.80 | 1.80 | 0.31 | 5.69 |
| | | 17 | 0.63 | 0.63 | 0.11 | 0.84 | 0.94 | 0.94 | 0.16 | 1.27 | 1.23 | 1.23 | 0.21 | 2.14 | 1.51 | 1.51 | 0.26 | 3.73 | 1.80 | 1.80 | 0.31 | 5.71 |
| | | 19 | - | - | - | - | 1.03 | 0.90 | 0.18 | 1.43 | 1.26 | 1.22 | 0.22 | 2.27 | 1.51 | 1.51 | 0.26 | 3.73 | 1.80 | 1.80 | 0.31 | 5.74 |
| | | 20 | - | - | - | - | 1.25 | 0.84 | 0.21 | 2.24 | 1.40 | 1.16 | 0.24 | 3.03 | 1.59 | 1.48 | 0.27 | 4.27 | 1.82 | 1.80 | 0.31 | 5.86 |
| 6 | 15 | 0.48 | 0.48 | 0.07 | 0.52 | 0.82 | 0.82 | 0.12 | 0.90 | 1.12 | 1.12 | 0.16 | 1.25 | 1.41 | 1.41 | 0.20 | 1.92 | 1.69 | 1.69 | 0.24 | 3.11 | |
| | 17 | 0.48 | 0.48 | 0.07 | 0.53 | 0.82 | 0.82 | 0.12 | 0.90 | 1.13 | 1.13 | 0.16 | 1.25 | 1.41 | 1.41 | 0.20 | 1.93 | 1.69 | 1.69 | 0.24 | 3.12 | |
| | 19 | - | - | - | - | 0.85 | 0.79 | 0.12 | 0.93 | 1.13 | 1.12 | 0.16 | 1.26 | 1.42 | 1.41 | 0.20 | 1.94 | 1.69 | 1.69 | 0.24 | 3.14 | |
| | 20 | - | - | - | - | 0.97 | 0.74 | 0.14 | 1.06 | 1.22 | 1.08 | 0.17 | 1.40 | 1.45 | 1.39 | 0.21 | 2.07 | 1.70 | 1.69 | 0.24 | 3.15 | |
| 15 | 3 | 15 | 0.57 | 0.57 | 0.16 | 1.24 | 0.86 | 0.86 | 0.24 | 3.25 | 1.16 | 1.16 | 0.33 | 6.47 | 1.45 | 1.45 | 0.41 | 9.51 | 1.73 | 1.73 | 0.50 | 12.92 |
| | | 17 | 0.57 | 0.57 | 0.16 | 1.24 | 0.86 | 0.86 | 0.24 | 3.27 | 1.16 | 1.16 | 0.33 | 6.49 | 1.45 | 1.45 | 0.41 | 9.53 | 1.74 | 1.74 | 0.50 | 12.96 |
| | | 19 | - | - | - | - | 0.89 | 0.85 | 0.25 | 3.61 | 1.16 | 1.15 | 0.33 | 6.48 | 1.45 | 1.45 | 0.42 | 9.56 | 1.74 | 1.74 | 0.50 | 13.00 |
| | | 20 | - | - | - | - | 1.16 | 0.82 | 0.33 | 6.48 | 1.29 | 1.13 | 0.37 | 7.81 | 1.48 | 1.45 | 0.42 | 9.87 | 1.74 | 1.74 | 0.50 | 13.00 |
| | 4 | 15 | 0.44 | 0.44 | 0.09 | 0.70 | 0.76 | 0.76 | 0.16 | 1.23 | 1.04 | 1.04 | 0.22 | 2.57 | 1.33 | 1.33 | 0.29 | 4.85 | 1.63 | 1.63 | 0.35 | 7.09 |
| | | 17 | 0.44 | 0.44 | 0.09 | 0.70 | 0.76 | 0.76 | 0.16 | 1.24 | 1.04 | 1.04 | 0.22 | 2.58 | 1.33 | 1.33 | 0.29 | 4.86 | 1.63 | 1.63 | 0.35 | 7.11 |
| | | 19 | - | - | - | - | 0.76 | 0.75 | 0.16 | 1.25 | 1.04 | 1.04 | 0.22 | 2.59 | 1.33 | 1.33 | 0.29 | 4.88 | 1.63 | 1.63 | 0.35 | 7.13 |
| | | 20 | - | - | - | - | 0.87 | 0.71 | 0.19 | 1.60 | 1.08 | 1.03 | 0.23 | 2.86 | 1.34 | 1.34 | 0.29 | 4.90 | 1.63 | 1.63 | 0.35 | 7.15 |
| | 5 | 15 | 0.28 | 0.28 | 0.05 | 0.36 | 0.63 | 0.63 | 0.11 | 0.81 | 0.94 | 0.94 | 0.16 | 1.23 | 1.23 | 1.23 | 0.21 | 2.24 | 1.51 | 1.51 | 0.26 | 3.90 |
| | | 17 | 0.28 | 0.28 | 0.05 | 0.36 | 0.63 | 0.63 | 0.11 | 0.81 | 0.95 | 0.95 | 0.16 | 1.24 | 1.23 | 1.23 | 0.21 | 2.25 | 1.51 | 1.51 | 0.26 | 3.92 |
| | | 19 | - | - | - | - | 0.63 | 0.63 | 0.11 | 0.81 | 0.95 | 0.95 | 0.16 | 1.24 | 1.23 | 1.23 | 0.21 | 2.26 | 1.51 | 1.51 | 0.26 | 3.93 |
| | | 20 | - | - | - | - | 0.67 | 0.61 | 0.12 | 0.85 | 0.96 | 0.94 | 0.17 | 1.26 | 1.23 | 1.23 | 0.21 | 2.26 | 1.52 | 1.52 | 0.26 | 3.94 |
| 6 | 15 | - | - | - | - | 0.49 | 0.49 | 0.07 | 0.51 | 0.82 | 0.82 | 0.12 | 0.86 | 1.13 | 1.13 | 0.16 | 1.22 | 1.41 | 1.41 | 0.20 | 2.01 | |
| | 17 | - | - | - | - | 0.49 | 0.49 | 0.07 | 0.51 | 0.82 | 0.82 | 0.12 | 0.86 | 1.13 | 1.13 | 0.16 | 1.23 | 1.41 | 1.41 | 0.20 | 2.02 | |
| | 19 | - | - | - | - | 0.49 | 0.49 | 0.07 | 0.51 | 0.82 | 0.82 | 0.12 | 0.87 | 1.13 | 1.13 | 0.16 | 1.23 | 1.42 | 1.42 | 0.20 | 2.03 | |
| | 20 | - | - | - | - | 0.49 | 0.49 | 0.07 | 0.51 | 0.82 | 0.82 | 0.12 | 0.87 | 1.13 | 1.13 | 0.16 | 1.23 | 1.42 | 1.42 | 0.20 | 2.03 | |

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

2-Pipe Duct MKT3(C) Series



Heating Capacity Table

| MKT3-300G50-CL | | | | | | | | | | | | | |
|----------------|----|---------------------------|-------------------|-------|------|-------------------|-------|------|-------------------|-------|------|-------------------|-------|
| EWT | ΔT | Indoor temperature (W.B.) | | | | | | | | | | | |
| | | 16 | | | 18 | | | 20 | | | 22 | | |
| | | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD |
| °C | °C | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa |
| 40 | 8 | 3.25 | 0.35 | 6.31 | 2.90 | 0.31 | 5.20 | 2.55 | 0.28 | 4.18 | 2.20 | 0.24 | 3.26 |
| | 10 | 3.04 | 0.26 | 3.88 | 2.68 | 0.23 | 3.13 | 2.31 | 0.20 | 2.40 | 1.95 | 0.17 | 1.60 |
| | 12 | 2.79 | 0.20 | 2.42 | 2.43 | 0.17 | 1.74 | 2.07 | 0.15 | 1.13 | 1.72 | 0.12 | 0.71 |
| | 14 | 2.54 | 0.16 | 1.28 | 2.19 | 0.13 | 0.86 | 1.81 | 0.11 | 0.61 | 1.39 | 0.09 | 0.47 |
| | 16 | 2.30 | 0.12 | 0.73 | 1.90 | 0.10 | 0.57 | 1.47 | 0.08 | 0.44 | 0.97 | 0.05 | 0.30 |
| 45 | 8 | 4.09 | 0.44 | 9.13 | 3.75 | 0.40 | 7.84 | 3.40 | 0.37 | 6.65 | 3.06 | 0.33 | 5.55 |
| | 10 | 3.92 | 0.34 | 5.80 | 3.57 | 0.31 | 4.94 | 3.21 | 0.28 | 4.14 | 2.86 | 0.25 | 3.40 |
| | 12 | 3.72 | 0.27 | 3.92 | 3.36 | 0.24 | 3.30 | 2.99 | 0.22 | 2.72 | 2.62 | 0.19 | 2.14 |
| | 14 | 3.48 | 0.21 | 2.71 | 3.10 | 0.19 | 2.19 | 2.73 | 0.17 | 1.64 | 2.37 | 0.15 | 1.13 |
| | 16 | 3.22 | 0.17 | 1.75 | 2.85 | 0.15 | 1.28 | 2.49 | 0.13 | 0.89 | 2.12 | 0.11 | 0.61 |
| 50 | 8 | 4.92 | 0.53 | 12.27 | 4.58 | 0.49 | 10.82 | 4.23 | 0.46 | 9.46 | 3.89 | 0.42 | 8.18 |
| | 10 | 4.77 | 0.41 | 7.96 | 4.42 | 0.38 | 6.98 | 4.07 | 0.35 | 6.07 | 3.72 | 0.32 | 5.21 |
| | 12 | 4.59 | 0.33 | 5.46 | 4.24 | 0.30 | 4.76 | 3.88 | 0.28 | 4.10 | 3.53 | 0.25 | 3.49 |
| | 14 | 4.39 | 0.27 | 3.92 | 4.03 | 0.25 | 3.38 | 3.67 | 0.23 | 2.88 | 3.30 | 0.20 | 2.41 |
| | 16 | 4.17 | 0.23 | 2.88 | 3.79 | 0.20 | 2.46 | 3.42 | 0.18 | 2.03 | 3.04 | 0.16 | 1.59 |
| 55 | 8 | 5.75 | 0.62 | 15.83 | 5.40 | 0.58 | 14.12 | 5.05 | 0.54 | 12.59 | 4.71 | 0.51 | 11.15 |
| | 10 | 5.61 | 0.48 | 10.30 | 5.25 | 0.45 | 9.21 | 4.91 | 0.42 | 8.19 | 4.56 | 0.39 | 7.22 |
| | 12 | 5.44 | 0.39 | 7.15 | 5.09 | 0.37 | 6.37 | 4.74 | 0.34 | 5.64 | 4.39 | 0.32 | 4.95 |
| | 14 | 5.27 | 0.33 | 5.23 | 4.91 | 0.30 | 4.64 | 4.56 | 0.28 | 4.08 | 4.20 | 0.26 | 3.55 |
| | 16 | 5.07 | 0.27 | 3.91 | 4.71 | 0.25 | 3.45 | 4.35 | 0.23 | 3.01 | 3.98 | 0.21 | 2.59 |
| 60 | 8 | 6.57 | 0.71 | 19.52 | 6.22 | 0.67 | 17.81 | 5.87 | 0.63 | 16.11 | 5.53 | 0.60 | 14.50 |
| | 10 | 6.42 | 0.55 | 12.79 | 6.08 | 0.52 | 11.60 | 5.73 | 0.49 | 10.46 | 5.39 | 0.46 | 9.39 |
| | 12 | 6.29 | 0.45 | 9.02 | 5.93 | 0.43 | 8.15 | 5.58 | 0.40 | 7.34 | 5.23 | 0.38 | 6.57 |
| | 14 | 6.13 | 0.38 | 6.61 | 5.77 | 0.36 | 5.96 | 5.41 | 0.33 | 5.35 | 5.06 | 0.31 | 4.76 |
| | 16 | 5.95 | 0.32 | 5.04 | 5.59 | 0.30 | 4.52 | 5.23 | 0.28 | 4.04 | 4.88 | 0.26 | 3.58 |

Abbreviations:

Δt: Temperature Difference. (°C) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m³/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

| MKT3-400G12-CL/ MKT3-400G30-CL/ MKT3-400G50-CL | | | | | | | | | | | | | | | | | | | | | | |
|--|----|--------------------|---------------------------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 5 | 3 | 15 | 3.47 | 2.63 | 0.99 | 28.78 | 3.46 | 2.99 | 0.99 | 28.52 | 3.52 | 3.37 | 1.01 | 29.50 | 3.75 | 3.74 | 1.07 | 32.80 | 4.10 | 4.10 | 1.17 | 38.34 |
| | | 17 | 4.60 | 2.65 | 1.33 | 47.30 | 4.57 | 3.01 | 1.32 | 46.72 | 4.53 | 3.37 | 1.30 | 45.81 | 4.50 | 3.73 | 1.29 | 45.26 | 4.49 | 4.09 | 1.29 | 45.07 |
| | | 19 | - | - | - | - | 5.75 | 3.03 | 1.65 | 68.92 | 5.71 | 3.39 | 1.64 | 68.11 | 5.67 | 3.75 | 1.63 | 67.71 | 5.64 | 4.10 | 1.63 | 67.50 |
| | | 20 | - | - | - | - | 6.37 | 3.04 | 1.83 | 82.65 | 6.33 | 3.40 | 1.82 | 81.67 | 6.29 | 3.76 | 1.80 | 80.73 | 6.25 | 4.11 | 1.79 | 79.78 |
| | 4 | 15 | 3.07 | 2.44 | 0.66 | 14.20 | 3.13 | 2.82 | 0.67 | 14.69 | 3.30 | 3.22 | 0.71 | 16.04 | 3.60 | 3.60 | 0.78 | 18.83 | 3.96 | 3.96 | 0.85 | 22.17 |
| | | 17 | 4.23 | 2.48 | 0.91 | 24.53 | 4.20 | 2.84 | 0.90 | 24.24 | 4.17 | 3.20 | 0.89 | 23.94 | 4.16 | 3.57 | 0.89 | 23.81 | 4.22 | 3.94 | 0.90 | 24.41 |
| | | 19 | - | - | - | - | 5.41 | 2.87 | 1.16 | 37.50 | 5.37 | 3.23 | 1.15 | 37.06 | 5.34 | 3.59 | 1.15 | 36.63 | 5.30 | 3.95 | 1.14 | 36.21 |
| | | 20 | - | - | - | - | 6.05 | 2.88 | 1.30 | 45.46 | 6.01 | 3.25 | 1.29 | 44.92 | 5.97 | 3.60 | 1.28 | 44.41 | 5.93 | 3.96 | 1.27 | 43.90 |
| | 5 | 15 | 2.65 | 2.23 | 0.45 | 7.18 | 2.82 | 2.65 | 0.48 | 8.24 | 3.08 | 3.06 | 0.53 | 9.75 | 3.44 | 3.44 | 0.59 | 11.76 | 3.81 | 3.81 | 0.65 | 13.98 |
| | | 17 | 3.81 | 2.28 | 0.65 | 13.95 | 3.78 | 2.65 | 0.65 | 13.77 | 3.76 | 3.02 | 0.65 | 13.67 | 3.83 | 3.40 | 0.66 | 14.07 | 3.97 | 3.79 | 0.68 | 15.11 |
| | | 19 | - | - | - | - | 5.03 | 2.70 | 0.86 | 22.45 | 4.99 | 3.06 | 0.86 | 22.18 | 4.96 | 3.42 | 0.85 | 21.92 | 4.93 | 3.78 | 0.85 | 21.66 |
| | | 20 | - | - | - | - | 5.68 | 2.71 | 0.97 | 27.65 | 5.64 | 3.08 | 0.97 | 27.32 | 5.60 | 3.44 | 0.96 | 27.01 | 5.56 | 3.79 | 0.96 | 26.70 |
| | 6 | 15 | 2.39 | 2.09 | 0.34 | 3.40 | 2.60 | 2.50 | 0.37 | 4.30 | 2.90 | 2.89 | 0.41 | 5.72 | 3.27 | 3.27 | 0.47 | 7.65 | 3.64 | 3.64 | 0.52 | 9.49 |
| | | 17 | 3.30 | 2.06 | 0.47 | 7.83 | 3.28 | 2.43 | 0.47 | 7.73 | 3.35 | 2.82 | 0.48 | 8.11 | 3.51 | 3.22 | 0.50 | 8.86 | 3.73 | 3.63 | 0.53 | 9.88 |
| | | 19 | - | - | - | - | 4.61 | 2.51 | 0.66 | 14.18 | 4.57 | 2.87 | 0.66 | 14.01 | 4.54 | 3.23 | 0.65 | 13.84 | 4.53 | 3.59 | 0.65 | 13.76 |
| | | 20 | - | - | - | - | 5.27 | 2.53 | 0.75 | 17.73 | 5.23 | 2.90 | 0.75 | 17.52 | 5.20 | 3.26 | 0.74 | 17.31 | 5.16 | 3.61 | 0.74 | 17.10 |
| 7 | 3 | 15 | 2.65 | 2.24 | 0.76 | 18.09 | 2.76 | 2.63 | 0.80 | 19.36 | 3.01 | 3.01 | 0.86 | 22.30 | 3.38 | 3.38 | 0.97 | 27.15 | 3.74 | 3.74 | 1.08 | 32.75 |
| | | 17 | 3.77 | 2.26 | 1.09 | 33.20 | 3.74 | 2.63 | 1.08 | 32.78 | 3.71 | 2.99 | 1.07 | 32.34 | 3.72 | 3.36 | 1.08 | 32.47 | 3.83 | 3.74 | 1.11 | 34.06 |
| | | 19 | - | - | - | - | 4.93 | 2.65 | 1.42 | 52.30 | 4.90 | 3.01 | 1.41 | 52.00 | 4.87 | 3.37 | 1.40 | 51.43 | 4.83 | 3.73 | 1.39 | 50.37 |
| | | 20 | - | - | - | - | 5.57 | 2.66 | 1.60 | 64.67 | 5.53 | 3.02 | 1.59 | 63.76 | 5.49 | 3.38 | 1.58 | 63.38 | 5.45 | 3.74 | 1.57 | 62.70 |
| | 4 | 15 | 2.29 | 2.06 | 0.49 | 8.53 | 2.52 | 2.47 | 0.54 | 10.07 | 2.86 | 2.86 | 0.62 | 12.59 | 3.24 | 3.24 | 0.70 | 15.48 | 3.60 | 3.60 | 0.77 | 18.38 |
| | | 17 | 3.37 | 2.08 | 0.73 | 16.53 | 3.34 | 2.45 | 0.72 | 16.30 | 3.35 | 2.83 | 0.72 | 16.38 | 3.44 | 3.21 | 0.74 | 17.02 | 3.63 | 3.60 | 0.78 | 18.70 |
| | | 19 | - | - | - | - | 4.57 | 2.49 | 0.98 | 27.64 | 4.53 | 2.85 | 0.98 | 27.30 | 4.50 | 3.21 | 0.97 | 26.97 | 4.47 | 3.57 | 0.96 | 26.64 |
| | | 20 | - | - | - | - | 5.21 | 2.50 | 1.13 | 35.08 | 5.18 | 2.87 | 1.12 | 34.67 | 5.14 | 3.23 | 1.11 | 34.26 | 5.11 | 3.59 | 1.10 | 33.86 |
| | 5 | 15 | 2.03 | 1.90 | 0.35 | 3.71 | 2.31 | 2.31 | 0.40 | 5.28 | 2.69 | 2.69 | 0.46 | 7.52 | 3.07 | 3.07 | 0.53 | 9.58 | 3.44 | 3.44 | 0.59 | 11.63 |
| | | 17 | 2.85 | 1.86 | 0.49 | 8.38 | 2.86 | 2.24 | 0.49 | 8.45 | 2.98 | 2.65 | 0.51 | 9.10 | 3.18 | 3.05 | 0.55 | 10.16 | 3.45 | 3.45 | 0.59 | 11.69 |
| | | 19 | - | - | - | - | 4.15 | 2.30 | 0.71 | 15.97 | 4.11 | 2.67 | 0.71 | 15.77 | 4.08 | 3.03 | 0.70 | 15.55 | 4.09 | 3.40 | 0.71 | 15.64 |
| | | 20 | - | - | - | - | 4.80 | 2.33 | 0.83 | 20.48 | 4.77 | 2.69 | 0.82 | 20.23 | 4.74 | 3.06 | 0.81 | 19.98 | 4.70 | 3.41 | 0.81 | 19.74 |
| | 6 | 15 | 1.86 | 1.79 | 0.27 | 1.91 | 2.18 | 2.18 | 0.31 | 2.80 | 2.53 | 2.53 | 0.36 | 4.23 | 2.90 | 2.90 | 0.42 | 5.93 | 3.28 | 3.28 | 0.47 | 7.74 |
| | | 17 | 2.37 | 1.67 | 0.34 | 3.57 | 2.49 | 2.07 | 0.36 | 4.07 | 2.68 | 2.48 | 0.38 | 4.89 | 2.94 | 2.89 | 0.42 | 6.15 | 3.28 | 3.28 | 0.47 | 7.76 |
| | | 19 | - | - | - | - | 3.63 | 2.09 | 0.52 | 9.27 | 3.60 | 2.46 | 0.52 | 9.13 | 3.62 | 2.83 | 0.52 | 9.23 | 3.72 | 3.23 | 0.53 | 9.69 |
| | | 20 | - | - | - | - | 4.34 | 2.13 | 0.62 | 12.54 | 4.30 | 2.50 | 0.62 | 12.38 | 4.27 | 2.86 | 0.61 | 12.22 | 4.25 | 3.22 | 0.61 | 12.12 |

2-Pipe Duct MKT3(C) Series



(Continued)

| MKT3-400G12-CL/ MKT3-400G30-CL/ MKT3-400G50-CL | | | | | | | | | | | | | | | | | | | | | | | |
|--|----|--------------------|---------------------------|------|-------------------|-------|------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | |
| 9 | 3 | 15 | 1.93 | 1.87 | 0.55 | 10.26 | 2.27 | 2.27 | 0.65 | 13.50 | 2.64 | 2.64 | 0.76 | 17.53 | 3.01 | 3.01 | 0.86 | 21.93 | 3.37 | 3.37 | 0.98 | 27.02 | |
| | | 17 | 2.86 | 1.86 | 0.82 | 20.06 | 2.84 | 2.24 | 0.81 | 19.78 | 2.89 | 2.62 | 0.83 | 20.44 | 3.05 | 3.01 | 0.88 | 22.46 | 3.38 | 3.38 | 0.98 | 27.10 | |
| | | 19 | - | - | - | - | 4.05 | 2.26 | 1.17 | 36.65 | 4.02 | 2.63 | 1.16 | 36.19 | 4.00 | 2.99 | 1.15 | 35.74 | 3.97 | 3.35 | 1.14 | 35.36 | |
| | | 20 | - | - | - | - | 4.70 | 2.28 | 1.36 | 47.96 | 4.66 | 2.64 | 1.35 | 47.37 | 4.63 | 3.01 | 1.34 | 46.78 | 4.60 | 3.37 | 1.33 | 46.20 | |
| | 4 | 15 | 1.72 | 1.71 | 0.37 | 4.55 | 2.10 | 2.10 | 0.45 | 7.18 | 2.49 | 2.49 | 0.53 | 9.65 | 2.86 | 2.86 | 0.62 | 12.26 | 3.23 | 3.23 | 0.70 | 15.07 | |
| | | 17 | 2.36 | 1.66 | 0.51 | 8.82 | 2.43 | 2.06 | 0.52 | 9.30 | 2.61 | 2.46 | 0.56 | 10.48 | 2.87 | 2.87 | 0.62 | 12.34 | 3.24 | 3.24 | 0.70 | 15.12 | |
| | | 19 | - | - | - | - | 3.64 | 2.09 | 0.79 | 18.56 | 3.61 | 2.46 | 0.78 | 18.32 | 3.59 | 2.83 | 0.78 | 18.12 | 3.64 | 3.20 | 0.79 | 18.55 | |
| | | 20 | - | - | - | - | 4.30 | 2.11 | 0.93 | 24.82 | 4.27 | 2.48 | 0.92 | 24.51 | 4.24 | 2.84 | 0.92 | 24.20 | 4.21 | 3.20 | 0.91 | 23.89 | |
| | 5 | 15 | 1.58 | 1.58 | 0.27 | 1.99 | 1.94 | 1.94 | 0.33 | 3.45 | 2.31 | 2.31 | 0.40 | 5.46 | 2.70 | 2.70 | 0.46 | 7.55 | 3.08 | 3.08 | 0.53 | 9.45 | |
| | | 17 | 1.91 | 1.47 | 0.33 | 3.30 | 2.10 | 1.89 | 0.36 | 4.25 | 2.36 | 2.30 | 0.41 | 5.71 | 2.70 | 2.70 | 0.46 | 7.57 | 3.08 | 3.08 | 0.53 | 9.48 | |
| | | 19 | - | - | - | - | 3.13 | 1.89 | 0.54 | 9.73 | 3.11 | 2.26 | 0.54 | 9.62 | 3.18 | 2.65 | 0.55 | 10.01 | 3.33 | 3.04 | 0.57 | 10.80 | |
| | | 20 | - | - | - | - | 3.83 | 1.92 | 0.66 | 13.69 | 3.80 | 2.29 | 0.65 | 13.51 | 3.77 | 2.66 | 0.65 | 13.32 | 3.78 | 3.03 | 0.65 | 13.40 | |
| | 6 | 15 | 1.43 | 1.43 | 0.20 | 1.29 | 1.81 | 1.81 | 0.26 | 1.82 | 2.17 | 2.17 | 0.31 | 2.88 | 2.53 | 2.53 | 0.36 | 4.36 | 2.91 | 2.91 | 0.42 | 6.09 | |
| | | 17 | 1.63 | 1.34 | 0.23 | 1.49 | 1.90 | 1.77 | 0.27 | 2.02 | 2.19 | 2.17 | 0.31 | 2.94 | 2.54 | 2.54 | 0.36 | 4.38 | 2.91 | 2.91 | 0.42 | 6.11 | |
| | | 19 | - | - | - | - | 2.53 | 1.66 | 0.36 | 4.37 | 2.63 | 2.06 | 0.38 | 4.81 | 2.81 | 2.47 | 0.40 | 5.64 | 3.04 | 2.88 | 0.44 | 6.70 | |
| | | 20 | - | - | - | - | 3.26 | 1.70 | 0.47 | 7.60 | 3.23 | 2.07 | 0.46 | 7.47 | 3.26 | 2.45 | 0.47 | 7.59 | 3.38 | 2.85 | 0.48 | 8.10 | |
| | 11 | 3 | 15 | 1.49 | 1.49 | 0.42 | 6.38 | 1.89 | 1.89 | 0.54 | 9.61 | 2.27 | 2.27 | 0.65 | 13.15 | 2.64 | 2.64 | 0.75 | 17.05 | 3.00 | 3.00 | 0.86 | 21.30 |
| | | | 17 | 1.86 | 1.46 | 0.53 | 9.35 | 2.01 | 1.87 | 0.57 | 10.70 | 2.27 | 2.27 | 0.65 | 13.20 | 2.64 | 2.64 | 0.75 | 17.10 | 3.01 | 3.01 | 0.86 | 21.37 |
| | | | 19 | - | - | - | - | 3.10 | 1.87 | 0.88 | 22.42 | 3.07 | 2.24 | 0.88 | 22.09 | 3.08 | 2.61 | 0.88 | 22.19 | 3.18 | 3.00 | 0.91 | 23.45 |
| | | | 20 | - | - | - | - | 3.74 | 1.89 | 1.07 | 31.10 | 3.71 | 2.26 | 1.06 | 30.68 | 3.69 | 2.62 | 1.05 | 30.28 | 3.66 | 2.98 | 1.05 | 29.92 |
| | | 4 | 15 | 1.34 | 1.34 | 0.29 | 2.36 | 1.71 | 1.71 | 0.37 | 4.55 | 2.10 | 2.10 | 0.45 | 7.10 | 2.49 | 2.49 | 0.53 | 9.44 | 2.86 | 2.86 | 0.61 | 11.97 |
| | | | 17 | 1.48 | 1.28 | 0.32 | 3.08 | 1.75 | 1.70 | 0.37 | 4.78 | 2.11 | 2.10 | 0.45 | 7.11 | 2.49 | 2.49 | 0.53 | 9.46 | 2.87 | 2.87 | 0.61 | 12.01 |
| | | | 19 | - | - | - | - | 2.59 | 1.68 | 0.55 | 10.06 | 2.61 | 2.06 | 0.56 | 10.22 | 2.74 | 2.46 | 0.59 | 11.11 | 2.95 | 2.86 | 0.63 | 12.56 |
| | | | 20 | - | - | - | - | 3.28 | 1.71 | 0.70 | 15.10 | 3.26 | 2.08 | 0.70 | 14.89 | 3.24 | 2.45 | 0.69 | 14.74 | 3.30 | 2.83 | 0.71 | 15.22 |
| 5 | | 15 | 1.20 | 1.20 | 0.21 | 1.25 | 1.58 | 1.58 | 0.27 | 2.06 | 1.95 | 1.95 | 0.33 | 3.61 | 2.32 | 2.32 | 0.40 | 5.61 | 2.71 | 2.71 | 0.47 | 7.50 | |
| | | 17 | 1.27 | 1.17 | 0.22 | 1.33 | 1.59 | 1.58 | 0.27 | 2.09 | 1.95 | 1.95 | 0.34 | 3.63 | 2.33 | 2.33 | 0.40 | 5.64 | 2.71 | 2.71 | 0.47 | 7.52 | |
| | | 19 | - | - | - | - | 2.03 | 1.46 | 0.35 | 4.05 | 2.20 | 1.88 | 0.38 | 4.97 | 2.44 | 2.30 | 0.42 | 6.24 | 2.74 | 2.71 | 0.47 | 7.64 | |
| | | 20 | - | - | - | - | 2.72 | 1.50 | 0.47 | 7.51 | 2.70 | 1.87 | 0.47 | 7.44 | 2.80 | 2.27 | 0.48 | 7.91 | 2.97 | 2.67 | 0.51 | 8.75 | |
| 6 | | 15 | 1.03 | 1.03 | 0.15 | 0.88 | 1.44 | 1.44 | 0.21 | 1.23 | 1.82 | 1.82 | 0.26 | 1.86 | 2.18 | 2.18 | 0.31 | 3.01 | 2.54 | 2.54 | 0.36 | 4.54 | |
| | | 17 | 1.05 | 1.02 | 0.15 | 0.89 | 1.44 | 1.44 | 0.21 | 1.24 | 1.82 | 1.82 | 0.26 | 1.87 | 2.18 | 2.18 | 0.31 | 3.02 | 2.55 | 2.55 | 0.37 | 4.55 | |
| | | 19 | - | - | - | - | 1.71 | 1.33 | 0.25 | 1.62 | 1.95 | 1.75 | 0.28 | 2.25 | 2.23 | 2.16 | 0.32 | 3.21 | 2.55 | 2.55 | 0.37 | 4.58 | |
| | | 20 | - | - | - | - | 2.10 | 1.28 | 0.30 | 2.77 | 2.22 | 1.68 | 0.32 | 3.21 | 2.42 | 2.10 | 0.35 | 4.02 | 2.66 | 2.51 | 0.38 | 5.05 | |

(Continued)

| MKT3-400G12-CL/ MKT3-400G30-CL/ MKT3-400G50-CL | | | | | | | | | | | | | | | | | | | | | | |
|--|----|--------------------|---------------------------|------|-------------------|------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 13 | 3 | 15 | 1.11 | 1.11 | 0.32 | 3.20 | 1.50 | 1.50 | 0.43 | 6.49 | 1.89 | 1.89 | 0.54 | 9.61 | 2.26 | 2.26 | 0.65 | 12.92 | 2.64 | 2.64 | 0.76 | 16.98 |
| | | 17 | 1.12 | 1.10 | 0.32 | 3.31 | 1.50 | 1.50 | 0.43 | 6.51 | 1.89 | 1.89 | 0.54 | 9.63 | 2.27 | 2.27 | 0.65 | 12.96 | 2.64 | 2.64 | 0.76 | 17.03 |
| | | 19 | - | - | - | - | 2.02 | 1.46 | 0.58 | 10.73 | 2.12 | 1.86 | 0.61 | 11.70 | 2.32 | 2.26 | 0.66 | 13.45 | 2.64 | 2.64 | 0.76 | 17.06 |
| | | 20 | - | - | - | - | 2.70 | 1.49 | 0.78 | 17.68 | 2.68 | 1.86 | 0.77 | 17.38 | 2.70 | 2.24 | 0.77 | 17.62 | 2.81 | 2.63 | 0.81 | 18.97 |
| | 4 | 15 | 0.97 | 0.97 | 0.21 | 1.22 | 1.34 | 1.34 | 0.29 | 2.50 | 1.72 | 1.72 | 0.37 | 4.78 | 2.11 | 2.11 | 0.45 | 7.02 | 2.49 | 2.49 | 0.53 | 9.30 |
| | | 17 | 0.97 | 0.97 | 0.21 | 1.22 | 1.35 | 1.35 | 0.29 | 2.51 | 1.72 | 1.72 | 0.37 | 4.80 | 2.11 | 2.11 | 0.45 | 7.04 | 2.49 | 2.49 | 0.53 | 9.32 |
| | | 19 | - | - | - | - | 1.55 | 1.28 | 0.33 | 3.69 | 1.80 | 1.70 | 0.39 | 5.24 | 2.12 | 2.12 | 0.45 | 7.09 | 2.50 | 2.50 | 0.54 | 9.35 |
| | | 20 | - | - | - | - | 2.09 | 1.27 | 0.45 | 6.90 | 2.16 | 1.67 | 0.46 | 7.27 | 2.33 | 2.08 | 0.50 | 8.32 | 2.57 | 2.48 | 0.55 | 9.79 |
| | 5 | 15 | 0.79 | 0.79 | 0.14 | 0.78 | 1.20 | 1.20 | 0.21 | 1.19 | 1.58 | 1.58 | 0.27 | 2.11 | 1.94 | 1.94 | 0.33 | 3.70 | 2.33 | 2.33 | 0.40 | 5.61 |
| | | 17 | 0.80 | 0.80 | 0.14 | 0.78 | 1.21 | 1.21 | 0.21 | 1.20 | 1.58 | 1.58 | 0.27 | 2.11 | 1.95 | 1.95 | 0.33 | 3.71 | 2.33 | 2.33 | 0.40 | 5.63 |
| | | 19 | - | - | - | - | 1.30 | 1.15 | 0.22 | 1.34 | 1.61 | 1.57 | 0.28 | 2.21 | 1.95 | 1.95 | 0.33 | 3.72 | 2.33 | 2.33 | 0.40 | 5.65 |
| | | 20 | - | - | - | - | 1.56 | 1.08 | 0.27 | 2.06 | 1.77 | 1.50 | 0.30 | 2.88 | 2.03 | 1.92 | 0.35 | 4.15 | 2.35 | 2.33 | 0.40 | 5.73 |
| 6 | 15 | 0.60 | 0.60 | 0.09 | 0.48 | 1.04 | 1.04 | 0.15 | 0.84 | 1.44 | 1.44 | 0.21 | 1.18 | 1.81 | 1.81 | 0.26 | 1.90 | 2.17 | 2.17 | 0.31 | 3.09 | |
| | 17 | 0.60 | 0.60 | 0.09 | 0.48 | 1.04 | 1.04 | 0.15 | 0.84 | 1.44 | 1.44 | 0.21 | 1.18 | 1.82 | 1.82 | 0.26 | 1.90 | 2.18 | 2.18 | 0.31 | 3.11 | |
| | 19 | - | - | - | - | 1.07 | 1.01 | 0.15 | 0.86 | 1.45 | 1.44 | 0.21 | 1.19 | 1.82 | 1.82 | 0.26 | 1.91 | 2.18 | 2.18 | 0.31 | 3.12 | |
| | 20 | - | - | - | - | 1.21 | 0.94 | 0.17 | 0.97 | 1.55 | 1.39 | 0.22 | 1.31 | 1.85 | 1.80 | 0.27 | 2.01 | 2.18 | 2.18 | 0.31 | 3.13 | |
| 15 | 3 | 15 | 0.73 | 0.73 | 0.21 | 1.18 | 1.10 | 1.10 | 0.31 | 3.24 | 1.50 | 1.50 | 0.43 | 6.32 | 1.89 | 1.89 | 0.54 | 9.32 | 2.26 | 2.26 | 0.65 | 12.70 |
| | | 17 | 0.73 | 0.73 | 0.21 | 1.18 | 1.11 | 1.11 | 0.32 | 3.25 | 1.50 | 1.50 | 0.43 | 6.33 | 1.89 | 1.89 | 0.54 | 9.35 | 2.26 | 2.26 | 0.65 | 12.74 |
| | | 19 | - | - | - | - | 1.14 | 1.09 | 0.32 | 3.52 | 1.50 | 1.49 | 0.43 | 6.33 | 1.89 | 1.89 | 0.54 | 9.38 | 2.27 | 2.27 | 0.65 | 12.78 |
| | | 20 | - | - | - | - | 1.47 | 1.06 | 0.42 | 6.09 | 1.66 | 1.47 | 0.47 | 7.49 | 1.92 | 1.89 | 0.55 | 9.61 | 2.27 | 2.27 | 0.65 | 12.79 |
| | 4 | 15 | 0.56 | 0.56 | 0.12 | 0.65 | 0.97 | 0.97 | 0.21 | 1.17 | 1.34 | 1.34 | 0.29 | 2.55 | 1.72 | 1.72 | 0.37 | 4.80 | 2.11 | 2.11 | 0.45 | 6.93 |
| | | 17 | 0.56 | 0.56 | 0.12 | 0.65 | 0.97 | 0.97 | 0.21 | 1.17 | 1.34 | 1.34 | 0.29 | 2.56 | 1.72 | 1.72 | 0.37 | 4.82 | 2.12 | 2.12 | 0.45 | 6.95 |
| | | 19 | - | - | - | - | 0.98 | 0.97 | 0.21 | 1.18 | 1.34 | 1.34 | 0.29 | 2.57 | 1.73 | 1.73 | 0.37 | 4.83 | 2.12 | 2.12 | 0.45 | 6.97 |
| | | 20 | - | - | - | - | 1.10 | 0.91 | 0.24 | 1.50 | 1.38 | 1.32 | 0.30 | 2.78 | 1.73 | 1.72 | 0.37 | 4.84 | 2.12 | 2.12 | 0.45 | 6.98 |
| | 5 | 15 | 0.35 | 0.35 | 0.06 | 0.32 | 0.81 | 0.81 | 0.14 | 0.75 | 1.21 | 1.21 | 0.21 | 1.18 | 1.58 | 1.58 | 0.27 | 2.22 | 1.95 | 1.95 | 0.34 | 3.88 |
| | | 17 | 0.35 | 0.35 | 0.06 | 0.32 | 0.81 | 0.81 | 0.14 | 0.75 | 1.21 | 1.21 | 0.21 | 1.18 | 1.58 | 1.58 | 0.27 | 2.23 | 1.95 | 1.95 | 0.34 | 3.89 |
| | | 19 | - | - | - | - | 0.81 | 0.80 | 0.14 | 0.75 | 1.22 | 1.22 | 0.21 | 1.18 | 1.58 | 1.58 | 0.27 | 2.24 | 1.96 | 1.96 | 0.34 | 3.91 |
| | | 20 | - | - | - | - | 0.84 | 0.78 | 0.15 | 0.79 | 1.23 | 1.21 | 0.21 | 1.20 | 1.58 | 1.58 | 0.27 | 2.24 | 1.96 | 1.96 | 0.34 | 3.92 |
| 6 | 15 | - | - | - | - | 0.61 | 0.61 | 0.09 | 0.47 | 1.05 | 1.05 | 0.15 | 0.81 | 1.45 | 1.45 | 0.21 | 1.17 | 1.81 | 1.81 | 0.26 | 1.99 | |
| | 17 | - | - | - | - | 0.61 | 0.61 | 0.09 | 0.47 | 1.05 | 1.05 | 0.15 | 0.81 | 1.45 | 1.45 | 0.21 | 1.17 | 1.82 | 1.82 | 0.26 | 2.00 | |
| | 19 | - | - | - | - | 0.62 | 0.62 | 0.09 | 0.47 | 1.05 | 1.05 | 0.15 | 0.81 | 1.45 | 1.45 | 0.21 | 1.17 | 1.82 | 1.82 | 0.26 | 2.01 | |
| | 20 | - | - | - | - | 0.62 | 0.61 | 0.09 | 0.47 | 1.05 | 1.05 | 0.15 | 0.81 | 1.45 | 1.45 | 0.21 | 1.17 | 1.82 | 1.82 | 0.26 | 2.01 | |

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

2-Pipe Duct MKT3(C) Series



Heating Capacity Table

| MKT3-400G12-CL/ MKT3-400G30-CL/ MKT3-400G50-CL | | | | | | | | | | | | | |
|--|----|---------------------------|-------------------|-------|------|-------------------|-------|------|-------------------|-------|------|-------------------|-------|
| EWT | ΔT | Indoor temperature (W.B.) | | | | | | | | | | | |
| | | 16 | | | 18 | | | 20 | | | 22 | | |
| | | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD |
| °C | °C | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa |
| 40 | 8 | 4.17 | 0.45 | 6.06 | 3.72 | 0.40 | 4.98 | 3.27 | 0.35 | 3.98 | 2.80 | 0.30 | 3.08 |
| | 10 | 3.88 | 0.34 | 3.69 | 3.41 | 0.29 | 2.96 | 2.93 | 0.25 | 2.25 | 2.46 | 0.21 | 1.49 |
| | 12 | 3.54 | 0.25 | 2.28 | 3.06 | 0.22 | 1.62 | 2.60 | 0.19 | 1.05 | 2.14 | 0.15 | 0.65 |
| | 14 | 3.20 | 0.20 | 1.18 | 2.74 | 0.17 | 0.79 | 2.25 | 0.14 | 0.56 | 1.71 | 0.11 | 0.42 |
| | 16 | 2.87 | 0.15 | 0.66 | 2.35 | 0.13 | 0.52 | 1.80 | 0.10 | 0.40 | 1.16 | 0.06 | 0.26 |
| 45 | 8 | 5.28 | 0.57 | 8.83 | 4.83 | 0.52 | 7.58 | 4.38 | 0.47 | 6.41 | 3.93 | 0.42 | 5.33 |
| | 10 | 5.03 | 0.43 | 5.57 | 4.57 | 0.39 | 4.73 | 4.11 | 0.35 | 3.95 | 3.65 | 0.32 | 3.23 |
| | 12 | 4.75 | 0.34 | 3.73 | 4.28 | 0.31 | 3.13 | 3.80 | 0.27 | 2.56 | 3.31 | 0.24 | 2.01 |
| | 14 | 4.42 | 0.27 | 2.55 | 3.92 | 0.24 | 2.05 | 3.43 | 0.21 | 1.53 | 2.97 | 0.18 | 1.04 |
| | 16 | 4.05 | 0.22 | 1.64 | 3.58 | 0.19 | 1.19 | 3.11 | 0.17 | 0.82 | 2.64 | 0.14 | 0.56 |
| 50 | 8 | 6.37 | 0.69 | 11.94 | 5.92 | 0.64 | 10.51 | 5.47 | 0.59 | 9.17 | 5.02 | 0.54 | 7.92 |
| | 10 | 6.15 | 0.53 | 7.70 | 5.69 | 0.49 | 6.74 | 5.24 | 0.45 | 5.84 | 4.78 | 0.41 | 5.01 |
| | 12 | 5.90 | 0.42 | 5.25 | 5.43 | 0.39 | 4.56 | 4.97 | 0.36 | 3.92 | 4.51 | 0.32 | 3.32 |
| | 14 | 5.62 | 0.35 | 3.73 | 5.14 | 0.32 | 3.22 | 4.67 | 0.29 | 2.73 | 4.19 | 0.26 | 2.27 |
| | 16 | 5.31 | 0.29 | 2.73 | 4.82 | 0.26 | 2.31 | 4.32 | 0.23 | 1.91 | 3.83 | 0.21 | 1.48 |
| 55 | 8 | 7.45 | 0.81 | 15.45 | 7.00 | 0.75 | 13.77 | 6.54 | 0.71 | 12.26 | 6.10 | 0.66 | 10.85 |
| | 10 | 7.25 | 0.63 | 10.01 | 6.79 | 0.59 | 8.94 | 6.33 | 0.55 | 7.93 | 5.88 | 0.51 | 6.98 |
| | 12 | 7.02 | 0.50 | 6.91 | 6.55 | 0.47 | 6.15 | 6.09 | 0.44 | 5.43 | 5.64 | 0.41 | 4.75 |
| | 14 | 6.77 | 0.42 | 5.03 | 6.30 | 0.39 | 4.45 | 5.84 | 0.36 | 3.90 | 5.37 | 0.33 | 3.39 |
| | 16 | 6.50 | 0.35 | 3.74 | 6.02 | 0.32 | 3.28 | 5.54 | 0.30 | 2.85 | 5.07 | 0.27 | 2.45 |
| 60 | 8 | 8.53 | 0.92 | 19.10 | 8.07 | 0.87 | 17.42 | 7.62 | 0.82 | 15.74 | 7.17 | 0.77 | 14.08 |
| | 10 | 8.33 | 0.72 | 12.47 | 7.87 | 0.68 | 11.29 | 7.41 | 0.64 | 10.18 | 6.96 | 0.60 | 9.12 |
| | 12 | 8.13 | 0.58 | 8.75 | 7.66 | 0.55 | 7.90 | 7.20 | 0.52 | 7.10 | 6.74 | 0.49 | 6.34 |
| | 14 | 7.89 | 0.49 | 6.39 | 7.43 | 0.46 | 5.75 | 6.96 | 0.43 | 5.15 | 6.50 | 0.40 | 4.58 |
| | 16 | 7.65 | 0.41 | 4.84 | 7.18 | 0.39 | 4.34 | 6.71 | 0.36 | 3.87 | 6.24 | 0.34 | 3.42 |

Abbreviations:

Δt: Temperature Difference. (°C) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m³/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

| MKT3-500G12-CL/ MKT3-500G30-CL/ MKT3-500G50-CL | | | | | | | | | | | | | | | | | | | | | | |
|--|----|--------------------|---------------------------|------|-------------------|-------|------|------|-------------------|--------|------|------|-------------------|--------|------|------|-------------------|--------|------|------|-------------------|--------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 5 | 3 | 15 | 3.95 | 3.01 | 1.13 | 38.52 | 3.94 | 3.45 | 1.13 | 38.26 | 4.04 | 3.90 | 1.16 | 40.12 | 4.33 | 4.33 | 1.24 | 45.48 | 4.75 | 4.75 | 1.36 | 53.08 |
| | | 17 | 5.26 | 3.04 | 1.52 | 64.11 | 5.23 | 3.47 | 1.51 | 63.45 | 5.20 | 3.90 | 1.50 | 62.79 | 5.17 | 4.32 | 1.49 | 62.14 | 5.16 | 4.74 | 1.49 | 62.03 |
| | | 19 | - | - | - | - | 6.61 | 3.48 | 1.90 | 94.36 | 6.57 | 3.91 | 1.89 | 93.74 | 6.54 | 4.34 | 1.89 | 93.71 | 6.50 | 4.76 | 1.88 | 92.88 |
| | | 20 | - | - | - | - | 7.35 | 3.50 | 2.13 | 115.34 | 7.31 | 3.92 | 2.12 | 114.17 | 7.26 | 4.35 | 2.10 | 112.97 | 7.21 | 4.76 | 2.07 | 110.17 |
| | 4 | 15 | 3.47 | 2.79 | 0.75 | 18.92 | 3.56 | 3.25 | 0.77 | 19.73 | 3.78 | 3.71 | 0.81 | 21.85 | 4.15 | 4.15 | 0.89 | 25.45 | 4.58 | 4.58 | 0.98 | 30.11 |
| | | 17 | 4.81 | 2.83 | 1.03 | 32.72 | 4.78 | 3.26 | 1.02 | 32.37 | 4.75 | 3.69 | 1.02 | 32.03 | 4.74 | 4.12 | 1.02 | 31.93 | 4.83 | 4.55 | 1.04 | 33.02 |
| | | 19 | - | - | - | - | 6.18 | 3.29 | 1.33 | 50.61 | 6.15 | 3.72 | 1.32 | 50.11 | 6.11 | 4.14 | 1.31 | 49.61 | 6.08 | 4.56 | 1.31 | 49.12 |
| | | 20 | - | - | - | - | 6.93 | 3.30 | 1.50 | 62.28 | 6.89 | 3.73 | 1.49 | 61.68 | 6.85 | 4.16 | 1.48 | 61.06 | 6.81 | 4.58 | 1.47 | 60.46 |
| | 5 | 15 | 2.97 | 2.54 | 0.51 | 9.72 | 3.19 | 3.03 | 0.55 | 11.10 | 3.52 | 3.51 | 0.60 | 13.11 | 3.96 | 3.96 | 0.68 | 16.10 | 4.39 | 4.39 | 0.76 | 19.22 |
| | | 17 | 4.30 | 2.60 | 0.74 | 18.54 | 4.28 | 3.03 | 0.74 | 18.34 | 4.26 | 3.47 | 0.73 | 18.24 | 4.35 | 3.92 | 0.75 | 18.91 | 4.54 | 4.37 | 0.78 | 20.32 |
| | | 19 | - | - | - | - | 5.73 | 3.08 | 0.99 | 30.24 | 5.69 | 3.51 | 0.98 | 29.93 | 5.66 | 3.93 | 0.98 | 29.63 | 5.62 | 4.36 | 0.97 | 29.32 |
| | | 20 | - | - | - | - | 6.48 | 3.09 | 1.12 | 37.40 | 6.44 | 3.53 | 1.11 | 37.04 | 6.40 | 3.95 | 1.10 | 36.67 | 6.37 | 4.37 | 1.10 | 36.31 |
| 6 | 15 | 2.60 | 2.34 | 0.37 | 4.63 | 2.89 | 2.82 | 0.41 | 6.14 | 3.29 | 3.29 | 0.47 | 8.32 | 3.74 | 3.74 | 0.54 | 10.66 | 4.19 | 4.19 | 0.60 | 12.95 | |
| | 17 | 3.69 | 2.33 | 0.53 | 10.35 | 3.67 | 2.77 | 0.53 | 10.27 | 3.77 | 3.23 | 0.54 | 10.80 | 3.98 | 3.71 | 0.57 | 11.87 | 4.26 | 4.18 | 0.61 | 13.31 | |
| | 19 | - | - | - | - | 5.19 | 2.84 | 0.74 | 18.48 | 5.16 | 3.27 | 0.74 | 18.29 | 5.12 | 3.70 | 0.73 | 18.09 | 5.11 | 4.13 | 0.73 | 18.04 | |
| | 20 | - | - | - | - | 5.96 | 2.87 | 0.85 | 23.46 | 5.93 | 3.30 | 0.85 | 23.22 | 5.89 | 3.73 | 0.84 | 22.99 | 5.86 | 4.15 | 0.84 | 22.75 | |
| 7 | 3 | 15 | 2.99 | 2.56 | 0.86 | 23.50 | 3.14 | 3.03 | 0.90 | 25.58 | 3.48 | 3.48 | 1.01 | 30.97 | 3.91 | 3.91 | 1.13 | 37.88 | 4.33 | 4.33 | 1.24 | 44.65 |
| | | 17 | 4.29 | 2.59 | 1.23 | 43.87 | 4.26 | 3.02 | 1.22 | 43.38 | 4.23 | 3.45 | 1.22 | 42.87 | 4.25 | 3.88 | 1.22 | 43.28 | 4.40 | 4.33 | 1.27 | 45.99 |
| | | 19 | - | - | - | - | 5.66 | 3.05 | 1.64 | 72.24 | 5.63 | 3.48 | 1.63 | 71.48 | 5.60 | 3.90 | 1.62 | 70.73 | 5.56 | 4.32 | 1.61 | 69.46 |
| | | 20 | - | - | - | - | 6.39 | 3.05 | 1.84 | 88.12 | 6.35 | 3.48 | 1.84 | 87.63 | 6.32 | 3.91 | 1.84 | 87.63 | 6.29 | 4.33 | 1.82 | 86.74 |
| | 4 | 15 | 2.58 | 2.35 | 0.56 | 11.21 | 2.87 | 2.84 | 0.62 | 13.54 | 3.29 | 3.29 | 0.71 | 16.88 | 3.72 | 3.72 | 0.80 | 20.89 | 4.15 | 4.15 | 0.89 | 25.18 |
| | | 17 | 3.79 | 2.37 | 0.81 | 21.47 | 3.76 | 2.80 | 0.81 | 21.21 | 3.78 | 3.25 | 0.81 | 21.43 | 3.92 | 3.70 | 0.84 | 22.81 | 4.18 | 4.15 | 0.90 | 25.45 |
| | | 19 | - | - | - | - | 5.19 | 2.84 | 1.12 | 36.97 | 5.16 | 3.27 | 1.11 | 36.58 | 5.13 | 3.70 | 1.10 | 36.20 | 5.10 | 4.12 | 1.10 | 35.80 |
| | | 20 | - | - | - | - | 5.95 | 2.86 | 1.29 | 47.23 | 5.91 | 3.29 | 1.28 | 46.75 | 5.88 | 3.72 | 1.27 | 46.26 | 5.84 | 4.14 | 1.27 | 45.79 |
| | 5 | 15 | 2.24 | 2.14 | 0.38 | 5.19 | 2.62 | 2.62 | 0.45 | 7.62 | 3.08 | 3.08 | 0.53 | 10.30 | 3.53 | 3.53 | 0.61 | 12.96 | 3.97 | 3.97 | 0.68 | 15.89 |
| | | 17 | 3.18 | 2.11 | 0.55 | 10.86 | 3.21 | 2.56 | 0.55 | 11.00 | 3.37 | 3.04 | 0.58 | 11.98 | 3.62 | 3.51 | 0.62 | 13.57 | 3.97 | 3.97 | 0.68 | 15.93 |
| | | 19 | - | - | - | - | 4.67 | 2.62 | 0.80 | 20.93 | 4.65 | 3.05 | 0.80 | 20.70 | 4.61 | 3.48 | 0.79 | 20.46 | 4.64 | 3.92 | 0.80 | 20.66 |
| | | 20 | - | - | - | - | 5.45 | 2.65 | 0.94 | 27.47 | 5.42 | 3.08 | 0.94 | 27.18 | 5.39 | 3.51 | 0.93 | 26.90 | 5.35 | 3.93 | 0.93 | 26.62 |
| 6 | 15 | 2.04 | 2.00 | 0.29 | 2.53 | 2.43 | 2.43 | 0.35 | 4.05 | 2.86 | 2.86 | 0.41 | 6.14 | 3.31 | 3.31 | 0.47 | 8.46 | 3.76 | 3.76 | 0.54 | 10.57 | |
| | 17 | 2.54 | 1.85 | 0.36 | 4.58 | 2.72 | 2.33 | 0.39 | 5.44 | 2.99 | 2.82 | 0.43 | 6.86 | 3.34 | 3.31 | 0.48 | 8.61 | 3.77 | 3.77 | 0.54 | 10.60 | |
| | 19 | - | - | - | - | 4.07 | 2.37 | 0.58 | 12.03 | 4.03 | 2.80 | 0.58 | 11.87 | 4.07 | 3.25 | 0.58 | 12.05 | 4.21 | 3.71 | 0.60 | 12.78 | |
| | 20 | - | - | - | - | 4.88 | 2.41 | 0.70 | 16.43 | 4.85 | 2.84 | 0.70 | 16.24 | 4.81 | 3.27 | 0.69 | 16.06 | 4.80 | 3.70 | 0.69 | 15.96 | |

2-Pipe Duct MKT3(C) Series



(Continued)

| MKT3-500G12-CL/ MKT3-500G30-CL/ MKT3-500G50-CL | | | | | | | | | | | | | | | | | | | | | | | |
|--|----|--------------------|---------------------------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | |
| 9 | 3 | 15 | 2.19 | 2.15 | 0.63 | 13.64 | 2.60 | 2.60 | 0.75 | 18.31 | 3.04 | 3.04 | 0.87 | 23.94 | 3.48 | 3.48 | 1.01 | 30.53 | 3.90 | 3.90 | 1.12 | 36.76 | |
| | | 17 | 3.24 | 2.14 | 0.94 | 27.03 | 3.22 | 2.57 | 0.93 | 26.46 | 3.30 | 3.02 | 0.95 | 27.80 | 3.51 | 3.48 | 1.02 | 31.04 | 3.91 | 3.91 | 1.12 | 36.86 | |
| | | 19 | - | - | - | - | 4.63 | 2.60 | 1.34 | 50.17 | 4.60 | 3.03 | 1.33 | 49.61 | 4.58 | 3.46 | 1.33 | 49.06 | 4.55 | 3.88 | 1.32 | 48.61 | |
| | | 20 | - | - | - | - | 5.37 | 2.61 | 1.55 | 64.45 | 5.33 | 3.04 | 1.54 | 63.30 | 5.30 | 3.47 | 1.53 | 62.79 | 5.27 | 3.89 | 1.53 | 62.74 | |
| | 4 | 15 | 1.93 | 1.93 | 0.42 | 6.44 | 2.40 | 2.40 | 0.52 | 9.72 | 2.85 | 2.85 | 0.61 | 13.04 | 3.29 | 3.29 | 0.71 | 16.71 | 3.73 | 3.73 | 0.80 | 20.71 | |
| | | 17 | 2.63 | 1.89 | 0.57 | 11.38 | 2.74 | 2.35 | 0.59 | 12.14 | 2.97 | 2.83 | 0.64 | 14.01 | 3.30 | 3.30 | 0.71 | 16.76 | 3.73 | 3.73 | 0.81 | 20.76 | |
| | | 19 | - | - | - | - | 4.12 | 2.39 | 0.89 | 24.69 | 4.09 | 2.82 | 0.89 | 24.41 | 4.07 | 3.25 | 0.88 | 24.20 | 4.15 | 3.70 | 0.90 | 24.95 | |
| | | 20 | - | - | - | - | 4.87 | 2.40 | 1.05 | 32.64 | 4.84 | 2.84 | 1.04 | 32.29 | 4.81 | 3.27 | 1.04 | 31.93 | 4.78 | 3.69 | 1.03 | 31.56 | |
| | 5 | 15 | 1.75 | 1.75 | 0.30 | 2.79 | 2.18 | 2.18 | 0.38 | 5.04 | 2.64 | 2.64 | 0.45 | 7.75 | 3.09 | 3.09 | 0.53 | 10.22 | 3.54 | 3.54 | 0.61 | 12.83 | |
| | | 17 | 2.06 | 1.64 | 0.35 | 4.35 | 2.32 | 2.13 | 0.40 | 5.89 | 2.67 | 2.63 | 0.46 | 7.94 | 3.10 | 3.10 | 0.53 | 10.24 | 3.54 | 3.54 | 0.61 | 12.86 | |
| | | 19 | - | - | - | - | 3.51 | 2.14 | 0.60 | 12.61 | 3.49 | 2.58 | 0.60 | 12.50 | 3.59 | 3.04 | 0.62 | 13.12 | 3.78 | 3.51 | 0.65 | 14.44 | |
| | | 20 | - | - | - | - | 4.31 | 2.18 | 0.74 | 17.92 | 4.27 | 2.61 | 0.74 | 17.74 | 4.25 | 3.04 | 0.73 | 17.49 | 4.27 | 3.48 | 0.74 | 17.68 | |
| | 6 | 15 | 1.58 | 1.58 | 0.23 | 1.54 | 2.01 | 2.01 | 0.29 | 2.52 | 2.43 | 2.43 | 0.35 | 4.20 | 2.87 | 2.87 | 0.41 | 6.37 | 3.33 | 3.33 | 0.48 | 8.47 | |
| | | 17 | 1.76 | 1.50 | 0.25 | 1.82 | 2.07 | 1.98 | 0.30 | 2.73 | 2.44 | 2.43 | 0.35 | 4.23 | 2.88 | 2.88 | 0.41 | 6.39 | 3.34 | 3.34 | 0.48 | 8.49 | |
| | | 19 | - | - | - | - | 2.75 | 1.86 | 0.39 | 5.75 | 2.89 | 2.33 | 0.42 | 6.48 | 3.15 | 2.82 | 0.45 | 7.65 | 3.46 | 3.31 | 0.50 | 9.01 | |
| | | 20 | - | - | - | - | 3.63 | 1.92 | 0.52 | 9.79 | 3.60 | 2.35 | 0.52 | 9.64 | 3.65 | 2.80 | 0.52 | 9.85 | 3.81 | 3.27 | 0.55 | 10.61 | |
| | 11 | 3 | 15 | 1.70 | 1.70 | 0.48 | 8.64 | 2.16 | 2.16 | 0.62 | 12.97 | 2.61 | 2.61 | 0.74 | 17.87 | 3.04 | 3.04 | 0.87 | 23.34 | 3.47 | 3.47 | 0.99 | 29.29 |
| | | | 17 | 2.08 | 1.66 | 0.59 | 12.11 | 2.28 | 2.15 | 0.65 | 14.33 | 2.61 | 2.61 | 0.74 | 17.90 | 3.05 | 3.05 | 0.87 | 23.40 | 3.48 | 3.48 | 0.99 | 29.37 |
| | | | 19 | - | - | - | - | 3.50 | 2.14 | 1.00 | 29.70 | 3.48 | 2.58 | 0.99 | 29.31 | 3.50 | 3.02 | 1.00 | 29.60 | 3.64 | 3.46 | 1.04 | 31.69 |
| | | | 20 | - | - | - | - | 4.27 | 2.16 | 1.23 | 42.35 | 4.24 | 2.60 | 1.22 | 41.85 | 4.21 | 3.03 | 1.21 | 41.36 | 4.19 | 3.45 | 1.20 | 40.93 |
| | | 4 | 15 | 1.49 | 1.49 | 0.32 | 3.38 | 1.94 | 1.94 | 0.42 | 6.54 | 2.41 | 2.41 | 0.52 | 9.56 | 2.86 | 2.86 | 0.61 | 12.79 | 3.30 | 3.30 | 0.71 | 16.31 |
| | | | 17 | 1.61 | 1.44 | 0.35 | 4.17 | 1.97 | 1.94 | 0.42 | 6.71 | 2.41 | 2.41 | 0.52 | 9.58 | 2.86 | 2.86 | 0.61 | 12.82 | 3.30 | 3.30 | 0.71 | 16.36 |
| | | | 19 | - | - | - | - | 2.89 | 1.91 | 0.62 | 13.03 | 2.93 | 2.36 | 0.63 | 13.33 | 3.10 | 2.83 | 0.67 | 14.71 | 3.37 | 3.29 | 0.72 | 16.91 |
| | | | 20 | - | - | - | - | 3.69 | 1.94 | 0.79 | 19.79 | 3.67 | 2.38 | 0.79 | 19.55 | 3.65 | 2.81 | 0.78 | 19.39 | 3.74 | 3.26 | 0.80 | 20.21 |
| 5 | | 15 | 1.33 | 1.33 | 0.23 | 1.53 | 1.76 | 1.76 | 0.30 | 2.95 | 2.19 | 2.19 | 0.38 | 5.28 | 2.66 | 2.66 | 0.46 | 7.77 | 3.11 | 3.11 | 0.54 | 10.14 | |
| | | 17 | 1.38 | 1.30 | 0.24 | 1.62 | 1.76 | 1.76 | 0.30 | 2.96 | 2.20 | 2.20 | 0.38 | 5.30 | 2.66 | 2.66 | 0.46 | 7.79 | 3.11 | 3.11 | 0.54 | 10.17 | |
| | | 19 | - | - | - | - | 2.20 | 1.65 | 0.38 | 5.34 | 2.45 | 2.14 | 0.42 | 6.71 | 2.77 | 2.64 | 0.48 | 8.32 | 3.13 | 3.12 | 0.54 | 10.27 | |
| | | 20 | - | - | - | - | 3.02 | 1.69 | 0.52 | 9.63 | 3.01 | 2.13 | 0.52 | 9.56 | 3.14 | 2.60 | 0.54 | 10.30 | 3.36 | 3.07 | 0.58 | 11.57 | |
| 6 | | 15 | 1.13 | 1.13 | 0.16 | 1.03 | 1.60 | 1.60 | 0.23 | 1.52 | 2.02 | 2.02 | 0.29 | 2.64 | 2.45 | 2.45 | 0.35 | 4.42 | 2.89 | 2.89 | 0.41 | 6.45 | |
| | | 17 | 1.14 | 1.12 | 0.16 | 1.04 | 1.60 | 1.60 | 0.23 | 1.52 | 2.02 | 2.02 | 0.29 | 2.65 | 2.45 | 2.45 | 0.35 | 4.43 | 2.90 | 2.90 | 0.41 | 6.47 | |
| | | 19 | - | - | - | - | 1.83 | 1.48 | 0.26 | 2.05 | 2.13 | 1.96 | 0.31 | 3.05 | 2.48 | 2.44 | 0.36 | 4.58 | 2.90 | 2.90 | 0.41 | 6.48 | |
| | | 20 | - | - | - | - | 2.23 | 1.41 | 0.32 | 3.48 | 2.40 | 1.89 | 0.34 | 4.23 | 2.67 | 2.38 | 0.38 | 5.44 | 3.01 | 2.87 | 0.43 | 6.94 | |

(Continued)

| MKT3-500G12-CL/ MKT3-500G30-CL/ MKT3-500G50-CL | | | | | | | | | | | | | | | | | | | | | | |
|--|----|--------------------|---------------------------|------|-------------------|------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 13 | 3 | 15 | 1.24 | 1.24 | 0.36 | 4.65 | 1.71 | 1.71 | 0.49 | 8.71 | 2.16 | 2.16 | 0.62 | 12.81 | 2.61 | 2.61 | 0.75 | 17.88 | 3.04 | 3.04 | 0.88 | 23.28 |
| | | 17 | 1.25 | 1.24 | 0.36 | 4.71 | 1.72 | 1.72 | 0.49 | 8.73 | 2.17 | 2.17 | 0.62 | 12.84 | 2.61 | 2.61 | 0.75 | 17.92 | 3.05 | 3.05 | 0.88 | 23.35 |
| | | 19 | - | - | - | - | 2.24 | 1.67 | 0.64 | 13.59 | 2.40 | 2.14 | 0.69 | 15.42 | 2.66 | 2.61 | 0.76 | 18.41 | 3.05 | 3.05 | 0.88 | 23.41 |
| | | 20 | - | - | - | - | 3.04 | 1.70 | 0.87 | 23.24 | 3.02 | 2.13 | 0.87 | 22.88 | 3.05 | 2.58 | 0.88 | 23.35 | 3.21 | 3.04 | 0.92 | 25.52 |
| | 4 | 15 | 1.07 | 1.07 | 0.23 | 1.53 | 1.50 | 1.50 | 0.32 | 3.62 | 1.96 | 1.96 | 0.42 | 6.61 | 2.42 | 2.42 | 0.52 | 9.47 | 2.86 | 2.86 | 0.61 | 12.63 |
| | | 17 | 1.07 | 1.07 | 0.23 | 1.53 | 1.50 | 1.50 | 0.32 | 3.63 | 1.96 | 1.96 | 0.42 | 6.62 | 2.42 | 2.42 | 0.52 | 9.49 | 2.87 | 2.87 | 0.61 | 12.66 |
| | | 19 | - | - | - | - | 1.70 | 1.44 | 0.37 | 4.97 | 2.03 | 1.94 | 0.44 | 7.05 | 2.42 | 2.42 | 0.52 | 9.52 | 2.87 | 2.87 | 0.62 | 12.70 |
| | | 20 | - | - | - | - | 2.32 | 1.44 | 0.50 | 8.79 | 2.41 | 1.91 | 0.52 | 9.38 | 2.63 | 2.39 | 0.56 | 10.93 | 2.93 | 2.86 | 0.63 | 13.12 |
| | 5 | 15 | 0.87 | 0.87 | 0.15 | 0.91 | 1.34 | 1.34 | 0.23 | 1.50 | 1.76 | 1.76 | 0.30 | 3.04 | 2.20 | 2.20 | 0.38 | 5.37 | 2.67 | 2.67 | 0.46 | 7.64 |
| | | 17 | 0.87 | 0.87 | 0.15 | 0.91 | 1.34 | 1.34 | 0.23 | 1.51 | 1.76 | 1.76 | 0.30 | 3.05 | 2.21 | 2.21 | 0.38 | 5.39 | 2.67 | 2.67 | 0.46 | 7.66 |
| | | 19 | - | - | - | - | 1.41 | 1.29 | 0.24 | 1.70 | 1.77 | 1.76 | 0.30 | 3.10 | 2.21 | 2.21 | 0.38 | 5.41 | 2.67 | 2.67 | 0.46 | 7.68 |
| | | 20 | - | - | - | - | 1.66 | 1.20 | 0.28 | 2.59 | 1.93 | 1.69 | 0.33 | 3.89 | 2.28 | 2.19 | 0.39 | 5.78 | 2.68 | 2.67 | 0.46 | 7.73 |
| 6 | 15 | 0.64 | 0.64 | 0.09 | 0.55 | 1.14 | 1.14 | 0.16 | 0.98 | 1.60 | 1.60 | 0.23 | 1.51 | 2.02 | 2.02 | 0.29 | 2.73 | 2.45 | 2.45 | 0.35 | 4.54 | |
| | 17 | 0.64 | 0.64 | 0.09 | 0.55 | 1.14 | 1.14 | 0.16 | 0.98 | 1.60 | 1.60 | 0.23 | 1.51 | 2.02 | 2.02 | 0.29 | 2.74 | 2.46 | 2.46 | 0.35 | 4.56 | |
| | 19 | - | - | - | - | 1.16 | 1.13 | 0.17 | 1.00 | 1.60 | 1.60 | 0.23 | 1.51 | 2.02 | 2.02 | 0.29 | 2.75 | 2.46 | 2.46 | 0.35 | 4.57 | |
| | 20 | - | - | - | - | 1.29 | 1.05 | 0.19 | 1.11 | 1.68 | 1.55 | 0.24 | 1.68 | 2.04 | 2.02 | 0.29 | 2.81 | 2.46 | 2.46 | 0.35 | 4.57 | |
| 15 | 3 | 15 | 0.81 | 0.81 | 0.23 | 1.51 | 1.24 | 1.24 | 0.35 | 4.70 | 1.71 | 1.71 | 0.49 | 8.49 | 2.17 | 2.17 | 0.62 | 12.65 | 2.61 | 2.61 | 0.75 | 17.61 |
| | | 17 | 0.81 | 0.81 | 0.23 | 1.52 | 1.25 | 1.25 | 0.36 | 4.71 | 1.72 | 1.72 | 0.49 | 8.51 | 2.17 | 2.17 | 0.62 | 12.68 | 2.61 | 2.61 | 0.75 | 17.66 |
| | | 19 | - | - | - | - | 1.27 | 1.24 | 0.36 | 4.93 | 1.72 | 1.71 | 0.49 | 8.51 | 2.17 | 2.17 | 0.62 | 12.72 | 2.62 | 2.62 | 0.75 | 17.71 |
| | | 20 | - | - | - | - | 1.63 | 1.20 | 0.46 | 7.75 | 1.87 | 1.69 | 0.53 | 9.80 | 2.19 | 2.17 | 0.63 | 12.91 | 2.62 | 2.62 | 0.75 | 17.73 |
| | 4 | 15 | 0.60 | 0.60 | 0.13 | 0.76 | 1.08 | 1.08 | 0.23 | 1.52 | 1.50 | 1.50 | 0.32 | 3.71 | 1.97 | 1.97 | 0.42 | 6.58 | 2.43 | 2.43 | 0.52 | 9.48 |
| | | 17 | 0.60 | 0.60 | 0.13 | 0.76 | 1.08 | 1.08 | 0.23 | 1.53 | 1.50 | 1.50 | 0.32 | 3.72 | 1.97 | 1.97 | 0.42 | 6.60 | 2.43 | 2.43 | 0.52 | 9.51 |
| | | 19 | - | - | - | - | 1.08 | 1.07 | 0.23 | 1.53 | 1.51 | 1.51 | 0.32 | 3.74 | 1.97 | 1.97 | 0.42 | 6.62 | 2.44 | 2.44 | 0.52 | 9.54 |
| | | 20 | - | - | - | - | 1.18 | 1.01 | 0.25 | 1.93 | 1.53 | 1.49 | 0.33 | 3.91 | 1.97 | 1.97 | 0.42 | 6.61 | 2.44 | 2.44 | 0.53 | 9.55 |
| | 5 | 15 | 0.37 | 0.37 | 0.06 | 0.36 | 0.88 | 0.88 | 0.15 | 0.88 | 1.34 | 1.34 | 0.23 | 1.55 | 1.77 | 1.77 | 0.30 | 3.23 | 2.22 | 2.22 | 0.38 | 5.53 |
| | | 17 | 0.37 | 0.37 | 0.06 | 0.36 | 0.88 | 0.88 | 0.15 | 0.88 | 1.35 | 1.35 | 0.23 | 1.56 | 1.77 | 1.77 | 0.30 | 3.24 | 2.22 | 2.22 | 0.38 | 5.55 |
| | | 19 | - | - | - | - | 0.88 | 0.88 | 0.15 | 0.88 | 1.35 | 1.35 | 0.23 | 1.56 | 1.77 | 1.77 | 0.31 | 3.25 | 2.23 | 2.23 | 0.38 | 5.56 |
| | | 20 | - | - | - | - | 0.91 | 0.86 | 0.16 | 0.91 | 1.35 | 1.35 | 0.23 | 1.57 | 1.77 | 1.77 | 0.31 | 3.26 | 2.23 | 2.23 | 0.38 | 5.57 |
| 6 | 15 | - | - | - | - | 0.66 | 0.66 | 0.09 | 0.54 | 1.15 | 1.15 | 0.17 | 0.95 | 1.61 | 1.61 | 0.23 | 1.55 | 2.03 | 2.03 | 0.29 | 2.89 | |
| | 17 | - | - | - | - | 0.66 | 0.66 | 0.09 | 0.54 | 1.15 | 1.15 | 0.17 | 0.95 | 1.61 | 1.61 | 0.23 | 1.56 | 2.03 | 2.03 | 0.29 | 2.90 | |
| | 19 | - | - | - | - | 0.66 | 0.66 | 0.09 | 0.54 | 1.16 | 1.16 | 0.17 | 0.95 | 1.61 | 1.61 | 0.23 | 1.56 | 2.03 | 2.03 | 0.29 | 2.91 | |
| | 20 | - | - | - | - | 0.66 | 0.66 | 0.09 | 0.54 | 1.16 | 1.15 | 0.17 | 0.95 | 1.61 | 1.61 | 0.23 | 1.57 | 2.03 | 2.03 | 0.29 | 2.91 | |

Abbreviations:

EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

2-Pipe Duct MKT3(C) Series



Heating Capacity Table

| MKT3-500G12-CL/ MKT3-500G30-CL/ MKT3-500G50-CL | | | | | | | | | | | | | |
|--|----|---------------------------|-------------------|-------|------|-------------------|-------|------|-------------------|-------|------|-------------------|-------|
| EWT | ΔT | Indoor temperature (W.B.) | | | | | | | | | | | |
| | | 16 | | | 18 | | | 20 | | | 22 | | |
| | | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD |
| °C | °C | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa |
| 40 | 8 | 4.86 | 0.53 | 8.46 | 4.32 | 0.47 | 6.90 | 3.79 | 0.41 | 5.51 | 3.25 | 0.35 | 4.25 |
| | 10 | 4.50 | 0.39 | 5.07 | 3.95 | 0.34 | 4.06 | 3.39 | 0.29 | 3.14 | 2.81 | 0.24 | 2.21 |
| | 12 | 4.08 | 0.29 | 3.18 | 3.49 | 0.25 | 2.38 | 2.93 | 0.21 | 1.55 | 2.40 | 0.17 | 0.90 |
| | 14 | 3.61 | 0.22 | 1.75 | 3.07 | 0.19 | 1.13 | 2.52 | 0.16 | 0.71 | 1.91 | 0.12 | 0.50 |
| | 16 | 3.21 | 0.17 | 0.89 | 2.63 | 0.14 | 0.63 | 1.99 | 0.11 | 0.47 | 1.26 | 0.07 | 0.31 |
| 45 | 8 | 6.17 | 0.66 | 12.38 | 5.64 | 0.61 | 10.61 | 5.11 | 0.55 | 8.96 | 4.58 | 0.49 | 7.44 |
| | 10 | 5.85 | 0.50 | 7.74 | 5.31 | 0.46 | 6.56 | 4.78 | 0.41 | 5.47 | 4.24 | 0.37 | 4.46 |
| | 12 | 5.50 | 0.40 | 5.14 | 4.95 | 0.36 | 4.30 | 4.40 | 0.32 | 3.51 | 3.83 | 0.28 | 2.79 |
| | 14 | 5.10 | 0.31 | 3.49 | 4.52 | 0.28 | 2.85 | 3.93 | 0.24 | 2.21 | 3.36 | 0.21 | 1.54 |
| | 16 | 4.64 | 0.25 | 2.35 | 4.05 | 0.22 | 1.75 | 3.49 | 0.19 | 1.19 | 2.95 | 0.16 | 0.76 |
| 50 | 8 | 7.46 | 0.80 | 16.84 | 6.93 | 0.75 | 14.82 | 6.40 | 0.69 | 12.92 | 5.88 | 0.63 | 11.15 |
| | 10 | 7.17 | 0.62 | 10.77 | 6.64 | 0.57 | 9.43 | 6.11 | 0.53 | 8.16 | 5.58 | 0.48 | 6.99 |
| | 12 | 6.85 | 0.49 | 7.29 | 6.31 | 0.45 | 6.33 | 5.77 | 0.42 | 5.43 | 5.23 | 0.38 | 4.59 |
| | 14 | 6.51 | 0.40 | 5.15 | 5.96 | 0.37 | 4.43 | 5.40 | 0.33 | 3.75 | 4.84 | 0.30 | 3.12 |
| | 16 | 6.13 | 0.33 | 3.73 | 5.56 | 0.30 | 3.16 | 4.98 | 0.27 | 2.63 | 4.40 | 0.24 | 2.11 |
| 55 | 8 | 8.75 | 0.95 | 21.90 | 8.22 | 0.89 | 19.62 | 7.69 | 0.83 | 17.47 | 7.16 | 0.77 | 15.45 |
| | 10 | 8.47 | 0.73 | 14.03 | 7.94 | 0.69 | 12.58 | 7.41 | 0.64 | 11.16 | 6.88 | 0.59 | 9.81 |
| | 12 | 8.18 | 0.59 | 9.67 | 7.64 | 0.55 | 8.59 | 7.11 | 0.51 | 7.58 | 6.57 | 0.47 | 6.63 |
| | 14 | 7.87 | 0.49 | 6.98 | 7.33 | 0.45 | 6.17 | 6.78 | 0.42 | 5.41 | 6.24 | 0.39 | 4.69 |
| | 16 | 7.53 | 0.41 | 5.16 | 6.97 | 0.38 | 4.53 | 6.42 | 0.35 | 3.93 | 5.86 | 0.32 | 3.37 |
| 60 | 8 | 10.03 | 1.08 | 27.19 | 9.50 | 1.02 | 24.68 | 8.96 | 0.97 | 22.31 | 8.43 | 0.91 | 20.06 |
| | 10 | 9.77 | 0.84 | 17.71 | 9.23 | 0.80 | 16.04 | 8.70 | 0.75 | 14.46 | 8.17 | 0.70 | 12.90 |
| | 12 | 9.50 | 0.68 | 12.30 | 8.96 | 0.64 | 11.11 | 8.42 | 0.61 | 9.98 | 7.89 | 0.57 | 8.91 |
| | 14 | 9.20 | 0.57 | 8.93 | 8.66 | 0.53 | 8.03 | 8.12 | 0.50 | 7.19 | 7.58 | 0.47 | 6.39 |
| | 16 | 8.89 | 0.48 | 6.73 | 8.34 | 0.45 | 6.03 | 7.80 | 0.42 | 5.37 | 7.25 | 0.39 | 4.74 |

Abbreviations:

Δt: Temperature Difference. (°C) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m³/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

| MKT3-600G12-CL/MKT3-600G30-CL | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|----|--------------------|---------------------------|------|-------------------|-------|------|------|-------------------|--------|------|------|-------------------|--------|------|------|-------------------|--------|------|------|-------------------|--------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 5 | 3 | 15 | 4.73 | 3.59 | 1.35 | 55.41 | 4.70 | 4.10 | 1.35 | 54.92 | 4.81 | 4.63 | 1.38 | 57.12 | 5.15 | 5.15 | 1.49 | 65.28 | 5.65 | 5.65 | 1.63 | 76.75 |
| | | 17 | 6.27 | 3.62 | 1.81 | 92.05 | 6.24 | 4.13 | 1.80 | 91.12 | 6.20 | 4.64 | 1.79 | 90.18 | 6.15 | 5.13 | 1.77 | 87.85 | 6.15 | 5.64 | 1.78 | 88.62 |
| | | 19 | - | - | - | - | 7.87 | 4.15 | 2.29 | 137.60 | 7.82 | 4.65 | 2.25 | 134.23 | 7.78 | 5.15 | 2.24 | 132.94 | 7.73 | 5.65 | 2.23 | 131.62 |
| | | 20 | - | - | - | - | 8.73 | 4.15 | 2.52 | 162.97 | 8.68 | 4.66 | 2.50 | 161.35 | 8.63 | 5.16 | 2.49 | 159.79 | 8.58 | 5.66 | 2.48 | 158.22 |
| | 4 | 15 | 4.18 | 3.34 | 0.90 | 27.15 | 4.26 | 3.87 | 0.91 | 28.10 | 4.51 | 4.42 | 0.97 | 30.92 | 4.94 | 4.94 | 1.06 | 36.30 | 5.45 | 5.45 | 1.17 | 42.92 |
| | | 17 | 5.76 | 3.38 | 1.24 | 47.21 | 5.73 | 3.89 | 1.23 | 46.73 | 5.69 | 4.40 | 1.22 | 46.26 | 5.67 | 4.91 | 1.22 | 45.98 | 5.77 | 5.42 | 1.24 | 47.31 |
| | | 19 | - | - | - | - | 7.39 | 3.92 | 1.60 | 73.51 | 7.34 | 4.43 | 1.58 | 71.89 | 7.31 | 4.94 | 1.58 | 72.09 | 7.26 | 5.43 | 1.56 | 70.54 |
| | | 20 | - | - | - | - | 8.26 | 3.93 | 1.79 | 89.39 | 8.22 | 4.44 | 1.78 | 88.52 | 8.17 | 4.95 | 1.77 | 87.65 | 8.13 | 5.45 | 1.76 | 86.82 |
| | 5 | 15 | 3.63 | 3.07 | 0.62 | 14.51 | 3.87 | 3.64 | 0.67 | 16.35 | 4.23 | 4.21 | 0.73 | 19.03 | 4.72 | 4.72 | 0.81 | 22.80 | 5.24 | 5.24 | 0.90 | 27.19 |
| | | 17 | 5.19 | 3.12 | 0.89 | 26.73 | 5.16 | 3.63 | 0.89 | 26.45 | 5.13 | 4.15 | 0.88 | 26.23 | 5.22 | 4.67 | 0.90 | 27.01 | 5.43 | 5.22 | 0.94 | 29.16 |
| | | 19 | - | - | - | - | 6.86 | 3.68 | 1.18 | 43.21 | 6.82 | 4.19 | 1.17 | 42.78 | 6.78 | 4.70 | 1.16 | 42.36 | 6.74 | 5.19 | 1.16 | 41.94 |
| | | 20 | - | - | - | - | 7.74 | 3.70 | 1.33 | 53.35 | 7.70 | 4.21 | 1.32 | 52.84 | 7.66 | 4.71 | 1.32 | 52.33 | 7.62 | 5.22 | 1.31 | 52.01 |
| 6 | 15 | 3.12 | 2.80 | 0.45 | 7.84 | 3.50 | 3.39 | 0.50 | 9.93 | 3.97 | 3.97 | 0.57 | 12.44 | 4.50 | 4.50 | 0.65 | 15.40 | 5.01 | 5.01 | 0.72 | 18.41 | |
| | 17 | 4.56 | 2.84 | 0.65 | 15.70 | 4.53 | 3.36 | 0.65 | 15.52 | 4.61 | 3.89 | 0.66 | 16.01 | 4.81 | 4.44 | 0.69 | 17.12 | 5.11 | 5.00 | 0.73 | 19.05 | |
| | 19 | - | - | - | - | 6.28 | 3.42 | 0.90 | 26.98 | 6.24 | 3.93 | 0.89 | 26.71 | 6.20 | 4.44 | 0.89 | 26.44 | 6.18 | 4.94 | 0.88 | 26.25 | |
| | 20 | - | - | - | - | 7.20 | 3.45 | 1.03 | 34.36 | 7.15 | 3.97 | 1.03 | 34.00 | 7.11 | 4.47 | 1.02 | 33.68 | 7.07 | 4.98 | 1.02 | 33.35 | |
| 7 | 3 | 15 | 3.59 | 3.06 | 1.04 | 34.40 | 3.75 | 3.61 | 1.08 | 37.15 | 4.13 | 4.13 | 1.19 | 43.48 | 4.64 | 4.64 | 1.33 | 53.21 | 5.15 | 5.15 | 1.48 | 63.66 |
| | | 17 | 5.12 | 3.09 | 1.48 | 63.38 | 5.09 | 3.60 | 1.47 | 62.91 | 5.06 | 4.11 | 1.46 | 62.02 | 5.07 | 4.62 | 1.47 | 62.49 | 5.24 | 5.15 | 1.51 | 66.17 |
| | | 19 | - | - | - | - | 6.74 | 3.62 | 1.95 | 102.33 | 6.70 | 4.13 | 1.95 | 102.39 | 6.67 | 4.64 | 1.94 | 101.61 | 6.63 | 5.14 | 1.93 | 100.56 |
| | | 20 | - | - | - | - | 7.61 | 3.63 | 2.21 | 127.66 | 7.56 | 4.14 | 2.19 | 125.28 | 7.52 | 4.65 | 2.17 | 124.03 | 7.48 | 5.15 | 2.17 | 123.83 |
| | 4 | 15 | 3.13 | 2.83 | 0.68 | 16.47 | 3.44 | 3.39 | 0.74 | 19.23 | 3.92 | 3.92 | 0.84 | 24.08 | 4.44 | 4.44 | 0.96 | 30.09 | 4.94 | 4.94 | 1.06 | 35.86 |
| | | 17 | 4.57 | 2.84 | 0.99 | 31.62 | 4.54 | 3.36 | 0.98 | 31.27 | 4.55 | 3.88 | 0.98 | 31.34 | 4.70 | 4.41 | 1.02 | 33.11 | 4.98 | 4.95 | 1.07 | 36.31 |
| | | 19 | - | - | - | - | 6.22 | 3.39 | 1.35 | 53.89 | 6.19 | 3.91 | 1.34 | 53.35 | 6.15 | 4.41 | 1.33 | 52.80 | 6.11 | 4.91 | 1.32 | 52.23 |
| | | 20 | - | - | - | - | 7.09 | 3.40 | 1.53 | 67.05 | 7.05 | 3.92 | 1.52 | 66.40 | 7.01 | 4.42 | 1.51 | 65.72 | 6.97 | 4.93 | 1.50 | 65.06 |
| | 5 | 15 | 2.70 | 2.57 | 0.46 | 8.55 | 3.16 | 3.15 | 0.54 | 11.33 | 3.69 | 3.69 | 0.64 | 14.81 | 4.22 | 4.22 | 0.73 | 18.55 | 4.73 | 4.73 | 0.81 | 22.59 |
| | | 17 | 3.92 | 2.56 | 0.68 | 16.37 | 3.92 | 3.09 | 0.68 | 16.38 | 4.07 | 3.64 | 0.70 | 17.45 | 4.35 | 4.20 | 0.75 | 19.54 | 4.74 | 4.74 | 0.82 | 22.67 |
| | | 19 | - | - | - | - | 5.65 | 3.15 | 0.98 | 30.78 | 5.62 | 3.66 | 0.97 | 30.46 | 5.58 | 4.17 | 0.96 | 30.13 | 5.59 | 4.68 | 0.97 | 30.20 |
| | | 20 | - | - | - | - | 6.53 | 3.16 | 1.13 | 39.28 | 6.50 | 3.68 | 1.12 | 38.89 | 6.46 | 4.19 | 1.11 | 38.49 | 6.42 | 4.69 | 1.11 | 38.10 |
| 6 | 15 | 2.41 | 2.36 | 0.35 | 4.19 | 2.89 | 2.89 | 0.41 | 6.67 | 3.44 | 3.44 | 0.49 | 9.57 | 3.98 | 3.98 | 0.57 | 12.29 | 4.51 | 4.51 | 0.65 | 15.18 | |
| | 17 | 3.11 | 2.23 | 0.45 | 7.91 | 3.32 | 2.81 | 0.48 | 8.97 | 3.65 | 3.40 | 0.52 | 10.56 | 4.04 | 3.97 | 0.58 | 12.57 | 4.52 | 4.51 | 0.65 | 15.21 | |
| | 19 | - | - | - | - | 4.98 | 2.87 | 0.72 | 17.99 | 4.95 | 3.39 | 0.71 | 17.78 | 4.96 | 3.91 | 0.71 | 17.84 | 5.10 | 4.45 | 0.73 | 18.71 | |
| | 20 | - | - | - | - | 5.93 | 2.91 | 0.85 | 24.28 | 5.89 | 3.43 | 0.85 | 24.03 | 5.85 | 3.94 | 0.84 | 23.79 | 5.82 | 4.44 | 0.84 | 23.56 | |

2-Pipe Duct MKT3(C) Series



(Continued)

| MKT3-600G12-CL/MKT3-600G30-CL | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|----|--------------------|---------------------------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | |
| 9 | 3 | 15 | 2.62 | 2.56 | 0.75 | 19.59 | 3.10 | 3.10 | 0.89 | 26.09 | 3.62 | 3.62 | 1.04 | 34.08 | 4.14 | 4.14 | 1.20 | 43.47 | 4.64 | 4.64 | 1.33 | 52.37 | |
| | | 17 | 3.88 | 2.55 | 1.12 | 38.37 | 3.85 | 3.06 | 1.11 | 37.87 | 3.93 | 3.59 | 1.13 | 39.22 | 4.18 | 4.14 | 1.21 | 44.28 | 4.64 | 4.64 | 1.34 | 52.50 | |
| | | 19 | - | - | - | - | 5.53 | 3.10 | 1.61 | 72.16 | 5.49 | 3.61 | 1.59 | 71.13 | 5.45 | 4.11 | 1.57 | 69.45 | 5.42 | 4.62 | 1.56 | 68.74 | |
| | | 20 | - | - | - | - | 6.41 | 3.11 | 1.86 | 93.43 | 6.37 | 3.62 | 1.85 | 92.47 | 6.33 | 4.13 | 1.84 | 91.48 | 6.29 | 4.63 | 1.83 | 90.52 | |
| | 4 | 15 | 2.33 | 2.33 | 0.50 | 9.77 | 2.88 | 2.88 | 0.62 | 14.03 | 3.41 | 3.41 | 0.74 | 18.74 | 3.93 | 3.93 | 0.85 | 24.04 | 4.44 | 4.44 | 0.96 | 29.34 | |
| | | 17 | 3.23 | 2.28 | 0.70 | 17.00 | 3.31 | 2.82 | 0.71 | 17.82 | 3.56 | 3.38 | 0.77 | 20.17 | 3.94 | 3.94 | 0.85 | 24.14 | 4.44 | 4.44 | 0.96 | 29.42 | |
| | | 19 | - | - | - | - | 4.94 | 2.85 | 1.06 | 35.30 | 4.91 | 3.37 | 1.06 | 34.91 | 4.88 | 3.88 | 1.05 | 34.53 | 4.95 | 4.40 | 1.07 | 35.43 | |
| | | 20 | - | - | - | - | 5.84 | 2.87 | 1.26 | 47.08 | 5.80 | 3.39 | 1.25 | 46.74 | 5.78 | 3.90 | 1.25 | 46.70 | 5.74 | 4.41 | 1.24 | 46.18 | |
| | 5 | 15 | 2.07 | 2.07 | 0.36 | 4.67 | 2.62 | 2.62 | 0.45 | 8.09 | 3.17 | 3.17 | 0.55 | 11.24 | 3.71 | 3.71 | 0.64 | 14.71 | 4.23 | 4.23 | 0.73 | 18.34 | |
| | | 17 | 2.51 | 1.98 | 0.43 | 7.42 | 2.83 | 2.58 | 0.49 | 9.27 | 3.23 | 3.16 | 0.56 | 11.58 | 3.71 | 3.71 | 0.64 | 14.74 | 4.23 | 4.23 | 0.73 | 18.38 | |
| | | 19 | - | - | - | - | 4.28 | 2.59 | 0.74 | 18.68 | 4.25 | 3.11 | 0.73 | 18.45 | 4.34 | 3.64 | 0.75 | 19.12 | 4.54 | 4.19 | 0.78 | 20.72 | |
| | | 20 | - | - | - | - | 5.21 | 2.62 | 0.90 | 26.19 | 5.18 | 3.14 | 0.89 | 25.90 | 5.14 | 3.65 | 0.89 | 25.60 | 5.15 | 4.16 | 0.89 | 25.67 | |
| | 6 | 15 | 1.88 | 1.88 | 0.27 | 2.24 | 2.38 | 2.38 | 0.34 | 4.20 | 2.91 | 2.91 | 0.42 | 6.93 | 3.47 | 3.47 | 0.50 | 9.56 | 4.00 | 4.00 | 0.57 | 12.19 | |
| | | 17 | 2.08 | 1.77 | 0.30 | 2.92 | 2.46 | 2.34 | 0.35 | 4.56 | 2.92 | 2.92 | 0.42 | 6.98 | 3.47 | 3.47 | 0.50 | 9.58 | 4.01 | 4.01 | 0.57 | 12.22 | |
| | | 19 | - | - | - | - | 3.46 | 2.28 | 0.50 | 9.50 | 3.59 | 2.83 | 0.51 | 10.10 | 3.85 | 3.40 | 0.55 | 11.38 | 4.18 | 3.97 | 0.60 | 13.10 | |
| | | 20 | - | - | - | - | 4.48 | 2.34 | 0.64 | 14.75 | 4.45 | 2.86 | 0.64 | 14.56 | 4.47 | 3.38 | 0.64 | 14.66 | 4.62 | 3.93 | 0.66 | 15.55 | |
| | 11 | 3 | 15 | 2.04 | 2.04 | 0.58 | 12.42 | 2.58 | 2.58 | 0.74 | 18.52 | 3.10 | 3.10 | 0.89 | 25.48 | 3.62 | 3.62 | 1.03 | 33.20 | 4.13 | 4.13 | 1.19 | 42.30 |
| | | | 17 | 2.52 | 1.99 | 0.72 | 17.76 | 2.73 | 2.56 | 0.78 | 20.41 | 3.11 | 3.11 | 0.89 | 25.54 | 3.63 | 3.63 | 1.04 | 33.28 | 4.14 | 4.14 | 1.19 | 42.41 |
| | | | 19 | - | - | - | - | 4.20 | 2.55 | 1.20 | 42.91 | 4.18 | 3.07 | 1.20 | 42.86 | 4.18 | 3.59 | 1.20 | 42.85 | 4.33 | 4.12 | 1.24 | 45.31 |
| | | | 20 | - | - | - | - | 5.09 | 2.57 | 1.46 | 59.92 | 5.05 | 3.09 | 1.45 | 59.26 | 5.02 | 3.60 | 1.44 | 58.58 | 4.99 | 4.10 | 1.43 | 57.90 |
| | | 4 | 15 | 1.78 | 1.78 | 0.38 | 5.67 | 2.34 | 2.34 | 0.50 | 9.62 | 2.89 | 2.89 | 0.62 | 13.71 | 3.41 | 3.41 | 0.73 | 18.26 | 3.93 | 3.93 | 0.84 | 23.27 |
| | | | 17 | 1.96 | 1.73 | 0.42 | 7.00 | 2.38 | 2.33 | 0.51 | 9.91 | 2.89 | 2.89 | 0.62 | 13.73 | 3.42 | 3.42 | 0.73 | 18.30 | 3.94 | 3.94 | 0.84 | 23.32 |
| | | | 19 | - | - | - | - | 3.53 | 2.30 | 0.76 | 19.26 | 3.55 | 2.83 | 0.76 | 19.47 | 3.73 | 3.38 | 0.80 | 21.23 | 4.02 | 3.93 | 0.86 | 24.22 |
| | | | 20 | - | - | - | - | 4.46 | 2.33 | 0.96 | 28.91 | 4.43 | 2.85 | 0.95 | 28.56 | 4.40 | 3.36 | 0.94 | 28.22 | 4.48 | 3.89 | 0.96 | 29.19 |
| 5 | | 15 | 1.58 | 1.58 | 0.27 | 2.33 | 2.09 | 2.09 | 0.36 | 4.94 | 2.65 | 2.65 | 0.46 | 8.14 | 3.19 | 3.19 | 0.55 | 11.19 | 3.72 | 3.72 | 0.64 | 14.40 | |
| | | 17 | 1.64 | 1.54 | 0.28 | 2.56 | 2.09 | 2.09 | 0.36 | 4.96 | 2.65 | 2.65 | 0.46 | 8.16 | 3.20 | 3.20 | 0.55 | 11.21 | 3.72 | 3.72 | 0.64 | 14.43 | |
| | | 19 | - | - | - | - | 2.75 | 2.01 | 0.47 | 8.67 | 3.01 | 2.59 | 0.52 | 10.09 | 3.35 | 3.16 | 0.58 | 12.13 | 3.75 | 3.72 | 0.64 | 14.62 | |
| | | 20 | - | - | - | - | 3.71 | 2.05 | 0.64 | 14.29 | 3.68 | 2.57 | 0.63 | 14.11 | 3.82 | 3.12 | 0.66 | 15.13 | 4.05 | 3.68 | 0.70 | 16.78 | |
| 6 | | 15 | 1.36 | 1.36 | 0.20 | 1.31 | 1.89 | 1.89 | 0.27 | 2.34 | 2.40 | 2.40 | 0.34 | 4.43 | 2.94 | 2.94 | 0.42 | 7.00 | 3.49 | 3.49 | 0.50 | 9.44 | |
| | | 17 | 1.37 | 1.35 | 0.20 | 1.32 | 1.89 | 1.89 | 0.27 | 2.34 | 2.40 | 2.40 | 0.34 | 4.44 | 2.94 | 2.94 | 0.42 | 7.02 | 3.49 | 3.49 | 0.50 | 9.46 | |
| | | 19 | - | - | - | - | 2.16 | 1.76 | 0.31 | 3.39 | 2.53 | 2.34 | 0.36 | 5.07 | 2.99 | 2.93 | 0.43 | 7.25 | 3.50 | 3.49 | 0.50 | 9.48 | |
| | | 20 | - | - | - | - | 2.73 | 1.70 | 0.39 | 6.03 | 2.94 | 2.28 | 0.42 | 7.02 | 3.28 | 2.87 | 0.47 | 8.49 | 3.65 | 3.46 | 0.52 | 10.22 | |

(Continued)

| MKT3-600G12-CL/MKT3-600G30-CL | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|----|--------------------|---------------------------|------|-------------------|------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 13 | 3 | 15 | 1.50 | 1.50 | 0.43 | 7.31 | 2.05 | 2.05 | 0.59 | 12.49 | 2.59 | 2.59 | 0.74 | 18.56 | 3.11 | 3.11 | 0.89 | 25.45 | 3.62 | 3.62 | 1.03 | 32.72 |
| | | 17 | 1.51 | 1.50 | 0.43 | 7.43 | 2.05 | 2.05 | 0.59 | 12.52 | 2.59 | 2.59 | 0.74 | 18.60 | 3.11 | 3.11 | 0.90 | 25.52 | 3.62 | 3.62 | 1.04 | 32.80 |
| | | 19 | - | - | - | - | 2.74 | 2.00 | 0.79 | 20.42 | 2.88 | 2.55 | 0.83 | 22.25 | 3.17 | 3.11 | 0.91 | 26.29 | 3.63 | 3.63 | 1.04 | 32.88 |
| | | 20 | - | - | - | - | 3.65 | 2.02 | 1.04 | 33.12 | 3.61 | 2.54 | 1.03 | 32.62 | 3.64 | 3.07 | 1.04 | 33.07 | 3.82 | 3.61 | 1.09 | 36.00 |
| | 4 | 15 | 1.27 | 1.27 | 0.27 | 2.43 | 1.79 | 1.79 | 0.38 | 5.87 | 2.35 | 2.35 | 0.50 | 9.55 | 2.89 | 2.89 | 0.62 | 13.56 | 3.42 | 3.42 | 0.74 | 18.23 |
| | | 17 | 1.27 | 1.26 | 0.27 | 2.42 | 1.80 | 1.80 | 0.38 | 5.88 | 2.36 | 2.36 | 0.51 | 9.57 | 2.90 | 2.90 | 0.62 | 13.59 | 3.43 | 3.43 | 0.74 | 18.27 |
| | | 19 | - | - | - | - | 2.08 | 1.74 | 0.45 | 7.75 | 2.46 | 2.33 | 0.53 | 10.31 | 2.91 | 2.90 | 0.62 | 13.66 | 3.43 | 3.43 | 0.74 | 18.32 |
| | | 20 | - | - | - | - | 2.87 | 1.75 | 0.61 | 13.34 | 2.93 | 2.29 | 0.63 | 13.85 | 3.18 | 2.86 | 0.69 | 16.08 | 3.51 | 3.42 | 0.76 | 19.05 |
| | 5 | 15 | 1.04 | 1.04 | 0.18 | 1.15 | 1.58 | 1.58 | 0.27 | 2.39 | 2.10 | 2.10 | 0.36 | 5.07 | 2.66 | 2.66 | 0.46 | 8.02 | 3.20 | 3.20 | 0.55 | 10.98 |
| | | 17 | 1.05 | 1.05 | 0.18 | 1.16 | 1.58 | 1.58 | 0.27 | 2.40 | 2.10 | 2.10 | 0.36 | 5.09 | 2.66 | 2.66 | 0.46 | 8.04 | 3.20 | 3.20 | 0.55 | 11.01 |
| | | 19 | - | - | - | - | 1.67 | 1.52 | 0.29 | 2.78 | 2.12 | 2.10 | 0.36 | 5.20 | 2.66 | 2.66 | 0.46 | 8.05 | 3.21 | 3.21 | 0.55 | 11.04 |
| | | 20 | - | - | - | - | 1.99 | 1.43 | 0.34 | 4.45 | 2.35 | 2.04 | 0.40 | 6.48 | 2.78 | 2.63 | 0.48 | 8.63 | 3.23 | 3.21 | 0.55 | 11.14 |
| 6 | 15 | 0.78 | 0.78 | 0.11 | 0.71 | 1.37 | 1.37 | 0.20 | 1.25 | 1.89 | 1.89 | 0.27 | 2.41 | 2.41 | 2.41 | 0.34 | 4.57 | 2.96 | 2.96 | 0.42 | 7.04 | |
| | 17 | 0.78 | 0.78 | 0.11 | 0.71 | 1.37 | 1.37 | 0.20 | 1.25 | 1.89 | 1.89 | 0.27 | 2.42 | 2.41 | 2.41 | 0.34 | 4.58 | 2.96 | 2.96 | 0.42 | 7.06 | |
| | 19 | - | - | - | - | 1.40 | 1.35 | 0.20 | 1.28 | 1.90 | 1.90 | 0.27 | 2.43 | 2.41 | 2.41 | 0.35 | 4.60 | 2.97 | 2.97 | 0.42 | 7.07 | |
| | 20 | - | - | - | - | 1.57 | 1.26 | 0.23 | 1.53 | 1.98 | 1.83 | 0.28 | 2.75 | 2.44 | 2.40 | 0.35 | 4.72 | 2.97 | 2.96 | 0.42 | 7.08 | |
| 15 | 3 | 15 | 0.95 | 0.95 | 0.27 | 2.45 | 1.50 | 1.50 | 0.43 | 7.15 | 2.05 | 2.05 | 0.59 | 12.17 | 2.59 | 2.59 | 0.74 | 18.30 | 3.10 | 3.10 | 0.89 | 24.72 |
| | | 17 | 0.95 | 0.95 | 0.27 | 2.46 | 1.50 | 1.50 | 0.43 | 7.17 | 2.06 | 2.06 | 0.59 | 12.20 | 2.59 | 2.59 | 0.74 | 18.35 | 3.11 | 3.11 | 0.89 | 24.78 |
| | | 19 | - | - | - | - | 1.55 | 1.49 | 0.44 | 7.51 | 2.05 | 2.05 | 0.59 | 12.18 | 2.59 | 2.59 | 0.75 | 18.39 | 3.11 | 3.11 | 0.89 | 24.85 |
| | | 20 | - | - | - | - | 2.00 | 1.45 | 0.57 | 11.63 | 2.25 | 2.02 | 0.64 | 14.24 | 2.62 | 2.59 | 0.75 | 18.75 | 3.11 | 3.11 | 0.89 | 24.87 |
| | 4 | 15 | 0.73 | 0.73 | 0.16 | 0.97 | 1.27 | 1.27 | 0.27 | 2.48 | 1.81 | 1.81 | 0.39 | 5.98 | 2.37 | 2.37 | 0.51 | 9.59 | 2.90 | 2.90 | 0.63 | 13.56 |
| | | 17 | 0.73 | 0.73 | 0.16 | 0.97 | 1.27 | 1.27 | 0.27 | 2.49 | 1.81 | 1.81 | 0.39 | 6.00 | 2.37 | 2.37 | 0.51 | 9.62 | 2.91 | 2.91 | 0.63 | 13.60 |
| | | 19 | - | - | - | - | 1.27 | 1.27 | 0.27 | 2.49 | 1.81 | 1.81 | 0.39 | 6.02 | 2.38 | 2.38 | 0.51 | 9.64 | 2.91 | 2.91 | 0.63 | 13.63 |
| | | 20 | - | - | - | - | 1.39 | 1.20 | 0.30 | 3.22 | 1.86 | 1.80 | 0.40 | 6.29 | 2.38 | 2.37 | 0.51 | 9.64 | 2.91 | 2.91 | 0.63 | 13.65 |
| | 5 | 15 | 0.45 | 0.45 | 0.08 | 0.47 | 1.06 | 1.06 | 0.18 | 1.12 | 1.59 | 1.59 | 0.27 | 2.55 | 2.12 | 2.12 | 0.37 | 5.31 | 2.68 | 2.68 | 0.46 | 8.05 |
| | | 17 | 0.45 | 0.45 | 0.08 | 0.47 | 1.06 | 1.06 | 0.18 | 1.12 | 1.59 | 1.59 | 0.27 | 2.55 | 2.12 | 2.12 | 0.37 | 5.32 | 2.68 | 2.68 | 0.46 | 8.07 |
| | | 19 | - | - | - | - | 1.06 | 1.06 | 0.18 | 1.12 | 1.59 | 1.59 | 0.27 | 2.56 | 2.12 | 2.12 | 0.37 | 5.34 | 2.68 | 2.68 | 0.46 | 8.09 |
| | | 20 | - | - | - | - | 1.10 | 1.03 | 0.19 | 1.16 | 1.59 | 1.59 | 0.27 | 2.58 | 2.13 | 2.13 | 0.37 | 5.35 | 2.69 | 2.69 | 0.46 | 8.10 |
| 6 | 15 | - | - | - | - | 0.80 | 0.80 | 0.11 | 0.69 | 1.39 | 1.39 | 0.20 | 1.23 | 1.90 | 1.90 | 0.27 | 2.55 | 2.42 | 2.42 | 0.35 | 4.79 | |
| | 17 | - | - | - | - | 0.80 | 0.80 | 0.12 | 0.69 | 1.39 | 1.39 | 0.20 | 1.23 | 1.90 | 1.90 | 0.27 | 2.56 | 2.43 | 2.43 | 0.35 | 4.81 | |
| | 19 | - | - | - | - | 0.80 | 0.80 | 0.12 | 0.69 | 1.39 | 1.39 | 0.20 | 1.23 | 1.90 | 1.90 | 0.27 | 2.57 | 2.43 | 2.43 | 0.35 | 4.82 | |
| | 20 | - | - | - | - | 0.80 | 0.80 | 0.12 | 0.69 | 1.39 | 1.38 | 0.20 | 1.23 | 1.90 | 1.90 | 0.27 | 2.58 | 2.43 | 2.43 | 0.35 | 4.83 | |

Abbreviations:

- EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

2-Pipe Duct MKT3(C) Series



Heating Capacity Table

| MKT3-600G12-CL/MKT3-600G30-CL | | | | | | | | | | | | | |
|-------------------------------|----|---------------------------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|------|-------------------|-------|
| EWT | ΔT | Indoor temperature (W.B.) | | | | | | | | | | | |
| | | 16 | | | 18 | | | 20 | | | 22 | | |
| | | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD |
| °C | °C | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa |
| 40 | 8 | 5.58 | 0.60 | 11.34 | 4.97 | 0.54 | 9.29 | 4.35 | 0.47 | 7.36 | 3.73 | 0.40 | 5.67 |
| | 10 | 5.16 | 0.45 | 6.76 | 4.53 | 0.39 | 5.42 | 3.89 | 0.34 | 4.18 | 3.22 | 0.28 | 3.05 |
| | 12 | 4.68 | 0.34 | 4.24 | 4.01 | 0.29 | 3.27 | 3.33 | 0.24 | 2.25 | 2.70 | 0.19 | 1.30 |
| | 14 | 4.10 | 0.25 | 2.51 | 3.45 | 0.21 | 1.64 | 2.83 | 0.17 | 0.96 | 2.15 | 0.13 | 0.60 |
| | 16 | 3.60 | 0.19 | 1.26 | 2.96 | 0.16 | 0.80 | 2.24 | 0.12 | 0.56 | 1.42 | 0.08 | 0.36 |
| 45 | 8 | 7.09 | 0.76 | 16.66 | 6.49 | 0.70 | 14.33 | 5.88 | 0.63 | 12.03 | 5.27 | 0.57 | 9.97 |
| | 10 | 6.72 | 0.58 | 10.36 | 6.10 | 0.53 | 8.78 | 5.48 | 0.47 | 7.31 | 4.86 | 0.42 | 5.95 |
| | 12 | 6.31 | 0.45 | 6.86 | 5.68 | 0.41 | 5.73 | 5.04 | 0.36 | 4.68 | 4.40 | 0.32 | 3.71 |
| | 14 | 5.84 | 0.36 | 4.64 | 5.19 | 0.32 | 3.80 | 4.52 | 0.28 | 3.00 | 3.83 | 0.24 | 2.21 |
| | 16 | 5.32 | 0.29 | 3.19 | 4.62 | 0.25 | 2.47 | 3.95 | 0.21 | 1.72 | 3.31 | 0.18 | 1.08 |
| 50 | 8 | 8.60 | 0.93 | 22.86 | 7.98 | 0.86 | 20.00 | 7.37 | 0.79 | 17.42 | 6.77 | 0.73 | 15.02 |
| | 10 | 8.25 | 0.71 | 14.48 | 7.63 | 0.66 | 12.66 | 7.02 | 0.61 | 10.95 | 6.41 | 0.55 | 9.36 |
| | 12 | 7.87 | 0.57 | 9.75 | 7.25 | 0.52 | 8.46 | 6.62 | 0.48 | 7.26 | 6.00 | 0.43 | 6.13 |
| | 14 | 7.46 | 0.46 | 6.87 | 6.83 | 0.42 | 5.90 | 6.19 | 0.38 | 5.00 | 5.55 | 0.34 | 4.15 |
| | 16 | 7.02 | 0.38 | 4.95 | 6.37 | 0.34 | 4.19 | 5.71 | 0.31 | 3.50 | 5.04 | 0.27 | 2.83 |
| 55 | 8 | 10.10 | 1.09 | 29.52 | 9.47 | 1.02 | 26.43 | 8.86 | 0.95 | 23.52 | 8.26 | 0.89 | 20.89 |
| | 10 | 9.76 | 0.84 | 18.93 | 9.14 | 0.79 | 16.89 | 8.52 | 0.74 | 14.96 | 7.91 | 0.68 | 13.17 |
| | 12 | 9.41 | 0.68 | 12.99 | 8.78 | 0.63 | 11.54 | 8.17 | 0.59 | 10.17 | 7.55 | 0.54 | 8.88 |
| | 14 | 9.03 | 0.56 | 9.35 | 8.41 | 0.52 | 8.26 | 7.78 | 0.48 | 7.23 | 7.16 | 0.44 | 6.26 |
| | 16 | 8.63 | 0.47 | 6.90 | 8.00 | 0.43 | 6.05 | 7.36 | 0.40 | 5.24 | 6.72 | 0.36 | 4.48 |
| 60 | 8 | 11.58 | 1.25 | 37.02 | 10.96 | 1.18 | 33.68 | 10.34 | 1.12 | 30.34 | 9.73 | 1.05 | 27.21 |
| | 10 | 11.27 | 0.97 | 23.96 | 10.64 | 0.92 | 21.69 | 10.03 | 0.87 | 19.54 | 9.41 | 0.81 | 17.50 |
| | 12 | 10.93 | 0.79 | 16.58 | 10.31 | 0.74 | 14.97 | 9.69 | 0.70 | 13.44 | 9.07 | 0.65 | 11.99 |
| | 14 | 10.57 | 0.65 | 11.99 | 9.94 | 0.61 | 10.78 | 9.32 | 0.57 | 9.64 | 8.70 | 0.54 | 8.56 |
| | 16 | 10.21 | 0.55 | 9.01 | 9.57 | 0.52 | 8.06 | 8.94 | 0.48 | 7.17 | 8.32 | 0.45 | 6.33 |

Abbreviations:

Δt: Temperature Difference. (°C) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m³/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

| MKT3-600G50-CL | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----|--------------------|---------------------------|------|-------------------|-------|------|------|-------------------|--------|------|------|-------------------|--------|------|------|-------------------|--------|------|------|-------------------|--------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 5 | 3 | 15 | 4.74 | 3.61 | 1.36 | 55.66 | 4.72 | 4.12 | 1.35 | 55.19 | 4.83 | 4.65 | 1.38 | 57.49 | 5.18 | 5.18 | 1.50 | 65.90 | 5.69 | 5.69 | 1.64 | 77.51 |
| | | 17 | 6.29 | 3.63 | 1.82 | 92.59 | 6.26 | 4.15 | 1.81 | 91.72 | 6.22 | 4.66 | 1.80 | 90.79 | 6.18 | 5.16 | 1.77 | 88.12 | 6.17 | 5.67 | 1.79 | 89.45 |
| | | 19 | - | - | - | - | 7.90 | 4.16 | 2.29 | 137.72 | 7.85 | 4.67 | 2.26 | 135.28 | 7.81 | 5.18 | 2.25 | 133.97 | 7.77 | 5.68 | 2.24 | 132.68 |
| | | 20 | - | - | - | - | 8.77 | 4.17 | 2.53 | 164.29 | 8.72 | 4.68 | 2.52 | 162.73 | 8.67 | 5.19 | 2.50 | 161.13 | 8.63 | 5.69 | 2.49 | 159.59 |
| | 4 | 15 | 4.18 | 3.35 | 0.90 | 27.17 | 4.27 | 3.89 | 0.92 | 28.17 | 4.52 | 4.44 | 0.97 | 31.08 | 4.97 | 4.97 | 1.07 | 36.58 | 5.47 | 5.47 | 1.18 | 43.28 |
| | | 17 | 5.77 | 3.39 | 1.24 | 47.38 | 5.74 | 3.91 | 1.23 | 46.91 | 5.71 | 4.42 | 1.23 | 46.44 | 5.69 | 4.93 | 1.22 | 46.17 | 5.78 | 5.45 | 1.24 | 47.58 |
| | | 19 | - | - | - | - | 7.42 | 3.94 | 1.60 | 73.93 | 7.37 | 4.45 | 1.59 | 73.20 | 7.32 | 4.95 | 1.57 | 71.63 | 7.28 | 5.46 | 1.57 | 70.95 |
| | | 20 | - | - | - | - | 8.29 | 3.95 | 1.79 | 89.95 | 8.25 | 4.46 | 1.78 | 89.09 | 8.20 | 4.97 | 1.77 | 88.23 | 8.16 | 5.47 | 1.76 | 87.38 |
| | 5 | 15 | 3.62 | 3.08 | 0.62 | 14.47 | 3.88 | 3.66 | 0.67 | 16.37 | 4.24 | 4.22 | 0.73 | 19.11 | 4.74 | 4.74 | 0.81 | 22.94 | 5.26 | 5.26 | 0.90 | 27.38 |
| | | 17 | 5.19 | 3.12 | 0.89 | 26.74 | 5.16 | 3.64 | 0.89 | 26.46 | 5.14 | 4.16 | 0.88 | 26.25 | 5.23 | 4.69 | 0.90 | 27.07 | 5.45 | 5.24 | 0.94 | 29.29 |
| | | 19 | - | - | - | - | 6.87 | 3.69 | 1.18 | 43.35 | 6.83 | 4.20 | 1.17 | 42.91 | 6.79 | 4.71 | 1.17 | 42.50 | 6.75 | 5.22 | 1.16 | 42.09 |
| | | 20 | - | - | - | - | 7.76 | 3.71 | 1.33 | 53.57 | 7.72 | 4.22 | 1.33 | 53.06 | 7.68 | 4.73 | 1.32 | 52.56 | 7.64 | 5.24 | 1.31 | 52.06 |
| 6 | 15 | 3.11 | 2.80 | 0.45 | 7.78 | 3.49 | 3.40 | 0.50 | 9.93 | 3.97 | 3.97 | 0.57 | 12.49 | 4.51 | 4.51 | 0.65 | 15.48 | 5.03 | 5.03 | 0.72 | 18.52 | |
| | 17 | 4.55 | 2.84 | 0.65 | 15.64 | 4.52 | 3.36 | 0.65 | 15.46 | 4.60 | 3.90 | 0.66 | 15.98 | 4.81 | 4.46 | 0.69 | 17.14 | 5.13 | 5.02 | 0.73 | 19.12 | |
| | 19 | - | - | - | - | 6.28 | 3.43 | 0.90 | 26.99 | 6.24 | 3.94 | 0.89 | 26.72 | 6.20 | 4.45 | 0.89 | 26.45 | 6.18 | 4.96 | 0.88 | 26.27 | |
| | 20 | - | - | - | - | 7.20 | 3.46 | 1.03 | 34.41 | 7.16 | 3.97 | 1.03 | 34.06 | 7.12 | 4.49 | 1.02 | 33.74 | 7.08 | 4.99 | 1.02 | 33.42 | |
| 7 | 3 | 15 | 3.60 | 3.08 | 1.04 | 34.55 | 3.76 | 3.62 | 1.09 | 37.34 | 4.15 | 4.15 | 1.19 | 43.85 | 4.67 | 4.67 | 1.34 | 53.69 | 5.17 | 5.17 | 1.49 | 64.35 |
| | | 17 | 5.13 | 3.10 | 1.48 | 63.39 | 5.11 | 3.62 | 1.48 | 63.21 | 5.08 | 4.13 | 1.47 | 62.52 | 5.09 | 4.65 | 1.47 | 62.84 | 5.27 | 5.18 | 1.52 | 66.70 |
| | | 19 | - | - | - | - | 6.76 | 3.63 | 1.95 | 102.80 | 6.73 | 4.15 | 1.95 | 102.36 | 6.69 | 4.66 | 1.95 | 102.29 | 6.66 | 5.17 | 1.93 | 101.30 |
| | | 20 | - | - | - | - | 7.64 | 3.65 | 2.22 | 128.61 | 7.59 | 4.16 | 2.20 | 126.26 | 7.56 | 4.67 | 2.20 | 126.30 | 7.51 | 5.18 | 2.17 | 124.18 |
| | 4 | 15 | 3.13 | 2.83 | 0.68 | 16.47 | 3.45 | 3.40 | 0.74 | 19.31 | 3.94 | 3.94 | 0.85 | 24.24 | 4.46 | 4.46 | 0.96 | 30.32 | 4.97 | 4.97 | 1.07 | 36.15 |
| | | 17 | 4.58 | 2.85 | 0.99 | 31.66 | 4.55 | 3.37 | 0.98 | 31.31 | 4.56 | 3.89 | 0.99 | 31.41 | 4.71 | 4.43 | 1.02 | 33.25 | 5.00 | 4.97 | 1.08 | 36.57 |
| | | 19 | - | - | - | - | 6.24 | 3.41 | 1.35 | 54.11 | 6.20 | 3.92 | 1.34 | 53.57 | 6.17 | 4.43 | 1.34 | 53.03 | 6.13 | 4.94 | 1.33 | 52.46 |
| | | 20 | - | - | - | - | 7.11 | 3.41 | 1.53 | 67.39 | 7.07 | 3.93 | 1.53 | 66.74 | 7.03 | 4.44 | 1.52 | 66.06 | 6.99 | 4.95 | 1.51 | 65.41 |
| | 5 | 15 | 2.69 | 2.57 | 0.46 | 8.53 | 3.16 | 3.16 | 0.54 | 11.37 | 3.70 | 3.70 | 0.64 | 14.89 | 4.23 | 4.23 | 0.73 | 18.66 | 4.75 | 4.75 | 0.82 | 22.74 |
| | | 17 | 3.91 | 2.57 | 0.67 | 16.31 | 3.91 | 3.10 | 0.67 | 16.33 | 4.07 | 3.65 | 0.70 | 17.45 | 4.36 | 4.21 | 0.75 | 19.61 | 4.76 | 4.76 | 0.82 | 22.82 |
| | | 19 | - | - | - | - | 5.65 | 3.16 | 0.98 | 30.81 | 5.62 | 3.67 | 0.97 | 30.49 | 5.58 | 4.18 | 0.96 | 30.15 | 5.59 | 4.70 | 0.97 | 30.26 |
| | | 20 | - | - | - | - | 6.54 | 3.17 | 1.13 | 39.38 | 6.51 | 3.69 | 1.12 | 38.98 | 6.47 | 4.20 | 1.11 | 38.58 | 6.43 | 4.71 | 1.11 | 38.20 |
| 6 | 15 | 2.40 | 2.36 | 0.35 | 4.17 | 2.89 | 2.89 | 0.41 | 6.68 | 3.45 | 3.45 | 0.49 | 9.60 | 3.99 | 3.99 | 0.57 | 12.34 | 4.52 | 4.52 | 0.65 | 15.26 | |
| | 17 | 3.09 | 2.23 | 0.44 | 7.79 | 3.31 | 2.81 | 0.47 | 8.91 | 3.64 | 3.41 | 0.52 | 10.54 | 4.04 | 3.99 | 0.58 | 12.60 | 4.53 | 4.53 | 0.65 | 15.29 | |
| | 19 | - | - | - | - | 4.97 | 2.88 | 0.71 | 17.93 | 4.94 | 3.39 | 0.71 | 17.72 | 4.95 | 3.92 | 0.71 | 17.80 | 5.10 | 4.46 | 0.73 | 18.71 | |
| | 20 | - | - | - | - | 5.92 | 2.92 | 0.85 | 24.27 | 5.89 | 3.43 | 0.85 | 24.02 | 5.85 | 3.95 | 0.84 | 23.77 | 5.82 | 4.46 | 0.84 | 23.55 | |

2-Pipe Duct MKT3(C) Series



(Continued)

| MKT3-600G50-CL | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----|--------------------|---------------------------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | |
| 9 | 3 | 15 | 2.63 | 2.57 | 0.76 | 19.66 | 3.12 | 3.12 | 0.90 | 26.67 | 3.64 | 3.64 | 1.05 | 34.35 | 4.16 | 4.16 | 1.20 | 43.85 | 4.66 | 4.66 | 1.34 | 52.85 | |
| | | 17 | 3.88 | 2.55 | 1.12 | 38.46 | 3.86 | 3.07 | 1.11 | 37.96 | 3.94 | 3.61 | 1.13 | 39.38 | 4.20 | 4.16 | 1.22 | 44.61 | 4.67 | 4.67 | 1.34 | 52.99 | |
| | | 19 | - | - | - | - | 5.55 | 3.11 | 1.61 | 72.53 | 5.51 | 3.62 | 1.60 | 71.74 | 5.48 | 4.14 | 1.59 | 71.01 | 5.43 | 4.64 | 1.57 | 69.11 | |
| | | 20 | - | - | - | - | 6.43 | 3.12 | 1.87 | 94.00 | 6.39 | 3.64 | 1.86 | 93.03 | 6.35 | 4.15 | 1.85 | 92.07 | 6.32 | 4.66 | 1.84 | 91.12 | |
| | 4 | 15 | 2.33 | 2.33 | 0.50 | 9.79 | 2.89 | 2.89 | 0.62 | 14.10 | 3.42 | 3.42 | 0.74 | 18.85 | 3.95 | 3.95 | 0.85 | 24.20 | 4.46 | 4.46 | 0.96 | 29.57 | |
| | | 17 | 3.22 | 2.28 | 0.69 | 16.94 | 3.31 | 2.83 | 0.71 | 17.80 | 3.57 | 3.40 | 0.77 | 20.23 | 3.96 | 3.95 | 0.86 | 24.30 | 4.46 | 4.46 | 0.96 | 29.65 | |
| | | 19 | - | - | - | - | 4.95 | 2.86 | 1.07 | 35.36 | 4.92 | 3.38 | 1.06 | 34.97 | 4.89 | 3.89 | 1.05 | 34.60 | 4.96 | 4.42 | 1.07 | 35.55 | |
| | | 20 | - | - | - | - | 5.85 | 2.88 | 1.26 | 47.23 | 5.81 | 3.40 | 1.25 | 46.74 | 5.79 | 3.92 | 1.25 | 46.79 | 5.75 | 4.43 | 1.25 | 46.34 | |
| | 5 | 15 | 2.07 | 2.07 | 0.36 | 4.67 | 2.62 | 2.62 | 0.45 | 8.11 | 3.18 | 3.18 | 0.55 | 11.29 | 3.72 | 3.72 | 0.64 | 14.79 | 4.24 | 4.24 | 0.73 | 18.45 | |
| | | 17 | 2.49 | 1.98 | 0.43 | 7.33 | 2.83 | 2.58 | 0.49 | 9.23 | 3.23 | 3.17 | 0.56 | 11.60 | 3.72 | 3.72 | 0.64 | 14.82 | 4.25 | 4.25 | 0.73 | 18.50 | |
| | | 19 | - | - | - | - | 4.27 | 2.59 | 0.74 | 18.62 | 4.24 | 3.11 | 0.73 | 18.40 | 4.34 | 3.65 | 0.75 | 19.11 | 4.55 | 4.21 | 0.78 | 20.76 | |
| | | 20 | - | - | - | - | 5.21 | 2.62 | 0.90 | 26.18 | 5.17 | 3.14 | 0.89 | 25.89 | 5.14 | 3.66 | 0.89 | 25.59 | 5.15 | 4.18 | 0.89 | 25.68 | |
| | 6 | 15 | 1.88 | 1.88 | 0.27 | 2.23 | 2.38 | 2.38 | 0.34 | 4.19 | 2.92 | 2.92 | 0.42 | 6.94 | 3.47 | 3.47 | 0.50 | 9.59 | 4.01 | 4.01 | 0.58 | 12.25 | |
| | | 17 | 2.07 | 1.77 | 0.30 | 2.88 | 2.45 | 2.35 | 0.35 | 4.53 | 2.93 | 2.92 | 0.42 | 6.98 | 3.48 | 3.48 | 0.50 | 9.61 | 4.02 | 4.02 | 0.58 | 12.28 | |
| | | 19 | - | - | - | - | 3.44 | 2.27 | 0.49 | 9.39 | 3.57 | 2.84 | 0.51 | 10.03 | 3.84 | 3.41 | 0.55 | 11.35 | 4.18 | 3.99 | 0.60 | 13.12 | |
| | | 20 | - | - | - | - | 4.47 | 2.34 | 0.64 | 14.67 | 4.44 | 2.86 | 0.64 | 14.48 | 4.46 | 3.39 | 0.64 | 14.60 | 4.62 | 3.94 | 0.66 | 15.52 | |
| | 11 | 3 | 15 | 2.05 | 2.05 | 0.58 | 12.47 | 2.59 | 2.59 | 0.74 | 18.64 | 3.12 | 3.12 | 0.89 | 25.66 | 3.64 | 3.64 | 1.04 | 33.47 | 4.15 | 4.15 | 1.20 | 42.67 |
| | | | 17 | 2.52 | 2.00 | 0.72 | 17.72 | 2.73 | 2.57 | 0.78 | 20.45 | 3.12 | 3.12 | 0.89 | 25.71 | 3.64 | 3.64 | 1.04 | 33.55 | 4.16 | 4.16 | 1.20 | 42.78 |
| | | | 19 | - | - | - | - | 4.21 | 2.56 | 1.20 | 43.02 | 4.18 | 3.09 | 1.20 | 42.85 | 4.19 | 3.61 | 1.20 | 42.84 | 4.35 | 4.14 | 1.24 | 45.57 |
| | | | 20 | - | - | - | - | 5.10 | 2.58 | 1.46 | 60.18 | 5.07 | 3.10 | 1.45 | 59.49 | 5.03 | 3.61 | 1.44 | 58.83 | 5.00 | 4.12 | 1.43 | 58.16 |
| | | 4 | 15 | 1.78 | 1.78 | 0.38 | 5.67 | 2.35 | 2.35 | 0.50 | 9.65 | 2.90 | 2.90 | 0.62 | 13.78 | 3.43 | 3.43 | 0.73 | 18.38 | 3.95 | 3.95 | 0.85 | 23.44 |
| | | | 17 | 1.95 | 1.74 | 0.42 | 6.94 | 2.39 | 2.34 | 0.51 | 9.91 | 2.90 | 2.90 | 0.62 | 13.80 | 3.43 | 3.43 | 0.74 | 18.42 | 3.95 | 3.95 | 0.85 | 23.49 |
| | | | 19 | - | - | - | - | 3.52 | 2.30 | 0.75 | 19.20 | 3.54 | 2.84 | 0.76 | 19.44 | 3.73 | 3.39 | 0.80 | 21.26 | 4.04 | 3.94 | 0.86 | 24.33 |
| | | | 20 | - | - | - | - | 4.46 | 2.33 | 0.96 | 28.91 | 4.43 | 2.85 | 0.95 | 28.56 | 4.40 | 3.37 | 0.94 | 28.23 | 4.49 | 3.91 | 0.96 | 29.26 |
| 5 | | 15 | 1.58 | 1.58 | 0.27 | 2.33 | 2.09 | 2.09 | 0.36 | 4.95 | 2.65 | 2.65 | 0.46 | 8.16 | 3.20 | 3.20 | 0.55 | 11.24 | 3.73 | 3.73 | 0.64 | 14.48 | |
| | | 17 | 1.63 | 1.54 | 0.28 | 2.54 | 2.09 | 2.09 | 0.36 | 4.96 | 2.65 | 2.65 | 0.46 | 8.18 | 3.21 | 3.21 | 0.55 | 11.26 | 3.74 | 3.74 | 0.64 | 14.51 | |
| | | 19 | - | - | - | - | 2.74 | 2.01 | 0.47 | 8.59 | 3.00 | 2.59 | 0.52 | 10.05 | 3.35 | 3.17 | 0.58 | 12.13 | 3.76 | 3.74 | 0.65 | 14.68 | |
| | | 20 | - | - | - | - | 3.69 | 2.05 | 0.63 | 14.21 | 3.67 | 2.57 | 0.63 | 14.03 | 3.81 | 3.13 | 0.66 | 15.09 | 4.05 | 3.69 | 0.70 | 16.79 | |
| 6 | | 15 | 1.36 | 1.36 | 0.19 | 1.30 | 1.89 | 1.89 | 0.27 | 2.33 | 2.40 | 2.40 | 0.34 | 4.43 | 2.94 | 2.94 | 0.42 | 7.02 | 3.49 | 3.49 | 0.50 | 9.47 | |
| | | 17 | 1.37 | 1.35 | 0.20 | 1.31 | 1.89 | 1.89 | 0.27 | 2.34 | 2.40 | 2.40 | 0.34 | 4.44 | 2.94 | 2.94 | 0.42 | 7.04 | 3.50 | 3.50 | 0.50 | 9.50 | |
| | | 19 | - | - | - | - | 2.15 | 1.76 | 0.31 | 3.34 | 2.52 | 2.34 | 0.36 | 5.02 | 2.99 | 2.93 | 0.43 | 7.24 | 3.50 | 3.50 | 0.50 | 9.52 | |
| | | 20 | - | - | - | - | 2.70 | 1.70 | 0.39 | 5.90 | 2.92 | 2.28 | 0.42 | 6.94 | 3.27 | 2.88 | 0.47 | 8.44 | 3.65 | 3.47 | 0.52 | 10.21 | |

(Continued)

| MKT3-600G50-CL | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----|--------------------|---------------------------|------|-------------------|------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 13 | 3 | 15 | 1.50 | 1.50 | 0.43 | 7.32 | 2.06 | 2.06 | 0.59 | 12.55 | 2.60 | 2.60 | 0.75 | 18.67 | 3.12 | 3.12 | 0.90 | 25.65 | 3.64 | 3.64 | 1.04 | 33.00 |
| | | 17 | 1.51 | 1.50 | 0.43 | 7.42 | 2.06 | 2.06 | 0.59 | 12.58 | 2.60 | 2.60 | 0.75 | 18.72 | 3.13 | 3.13 | 0.90 | 25.71 | 3.64 | 3.64 | 1.04 | 33.08 |
| | | 19 | - | - | - | - | 2.73 | 2.01 | 0.79 | 20.37 | 2.88 | 2.56 | 0.83 | 22.28 | 3.18 | 3.12 | 0.91 | 26.38 | 3.65 | 3.65 | 1.04 | 33.16 |
| | | 20 | - | - | - | - | 3.65 | 2.03 | 1.04 | 33.14 | 3.62 | 2.55 | 1.03 | 32.64 | 3.65 | 3.08 | 1.04 | 33.14 | 3.83 | 3.63 | 1.10 | 36.18 |
| | 4 | 15 | 1.27 | 1.27 | 0.27 | 2.42 | 1.79 | 1.79 | 0.38 | 5.87 | 2.36 | 2.36 | 0.51 | 9.59 | 2.90 | 2.90 | 0.62 | 13.63 | 3.43 | 3.43 | 0.74 | 18.35 |
| | | 17 | 1.27 | 1.26 | 0.27 | 2.41 | 1.80 | 1.80 | 0.38 | 5.89 | 2.36 | 2.36 | 0.51 | 9.61 | 2.91 | 2.91 | 0.62 | 13.66 | 3.44 | 3.44 | 0.74 | 18.39 |
| | | 19 | - | - | - | - | 2.07 | 1.74 | 0.44 | 7.69 | 2.46 | 2.34 | 0.53 | 10.31 | 2.91 | 2.91 | 0.62 | 13.72 | 3.44 | 3.44 | 0.74 | 18.44 |
| | | 20 | - | - | - | - | 2.86 | 1.75 | 0.61 | 13.24 | 2.93 | 2.30 | 0.63 | 13.79 | 3.18 | 2.87 | 0.69 | 16.08 | 3.52 | 3.43 | 0.76 | 19.13 |
| | 5 | 15 | 1.04 | 1.04 | 0.18 | 1.15 | 1.58 | 1.58 | 0.27 | 2.38 | 2.10 | 2.10 | 0.36 | 5.08 | 2.66 | 2.66 | 0.46 | 8.04 | 3.21 | 3.21 | 0.55 | 11.03 |
| | | 17 | 1.04 | 1.04 | 0.18 | 1.15 | 1.58 | 1.58 | 0.27 | 2.39 | 2.10 | 2.10 | 0.36 | 5.09 | 2.67 | 2.67 | 0.46 | 8.06 | 3.21 | 3.21 | 0.55 | 11.06 |
| | | 19 | - | - | - | - | 1.66 | 1.52 | 0.28 | 2.75 | 2.12 | 2.10 | 0.36 | 5.19 | 2.67 | 2.67 | 0.46 | 8.07 | 3.22 | 3.22 | 0.55 | 11.09 |
| | | 20 | - | - | - | - | 1.97 | 1.43 | 0.34 | 4.36 | 2.34 | 2.04 | 0.40 | 6.42 | 2.78 | 2.64 | 0.48 | 8.62 | 3.23 | 3.22 | 0.55 | 11.18 |
| 6 | 15 | 0.78 | 0.78 | 0.11 | 0.70 | 1.37 | 1.37 | 0.20 | 1.25 | 1.89 | 1.89 | 0.27 | 2.40 | 2.41 | 2.41 | 0.34 | 4.57 | 2.96 | 2.96 | 0.42 | 7.06 | |
| | 17 | 0.78 | 0.78 | 0.11 | 0.70 | 1.37 | 1.37 | 0.20 | 1.25 | 1.89 | 1.89 | 0.27 | 2.41 | 2.41 | 2.41 | 0.34 | 4.59 | 2.97 | 2.97 | 0.42 | 7.07 | |
| | 19 | - | - | - | - | 1.39 | 1.35 | 0.20 | 1.27 | 1.89 | 1.89 | 0.27 | 2.42 | 2.41 | 2.41 | 0.35 | 4.60 | 2.97 | 2.97 | 0.43 | 7.09 | |
| | 20 | - | - | - | - | 1.56 | 1.26 | 0.22 | 1.51 | 1.98 | 1.84 | 0.28 | 2.72 | 2.43 | 2.40 | 0.35 | 4.71 | 2.97 | 2.97 | 0.43 | 7.09 | |
| 15 | 3 | 15 | 0.95 | 0.95 | 0.27 | 2.44 | 1.50 | 1.50 | 0.43 | 7.17 | 2.06 | 2.06 | 0.59 | 12.23 | 2.60 | 2.60 | 0.75 | 18.42 | 3.12 | 3.12 | 0.89 | 24.91 |
| | | 17 | 0.95 | 0.95 | 0.27 | 2.45 | 1.51 | 1.51 | 0.43 | 7.18 | 2.06 | 2.06 | 0.59 | 12.26 | 2.60 | 2.60 | 0.75 | 18.47 | 3.12 | 3.12 | 0.89 | 24.97 |
| | | 19 | - | - | - | - | 1.54 | 1.50 | 0.44 | 7.50 | 2.06 | 2.05 | 0.59 | 12.25 | 2.60 | 2.60 | 0.75 | 18.52 | 3.13 | 3.13 | 0.89 | 25.04 |
| | | 20 | - | - | - | - | 1.99 | 1.45 | 0.57 | 11.55 | 2.25 | 2.03 | 0.64 | 14.23 | 2.63 | 2.60 | 0.76 | 18.84 | 3.13 | 3.13 | 0.89 | 25.07 |
| | 4 | 15 | 0.72 | 0.72 | 0.16 | 0.96 | 1.27 | 1.27 | 0.27 | 2.47 | 1.81 | 1.81 | 0.39 | 5.99 | 2.38 | 2.38 | 0.51 | 9.63 | 2.91 | 2.91 | 0.63 | 13.64 |
| | | 17 | 0.72 | 0.72 | 0.16 | 0.96 | 1.27 | 1.27 | 0.27 | 2.48 | 1.81 | 1.81 | 0.39 | 6.01 | 2.38 | 2.38 | 0.51 | 9.66 | 2.92 | 2.92 | 0.63 | 13.67 |
| | | 19 | - | - | - | - | 1.27 | 1.26 | 0.27 | 2.48 | 1.81 | 1.81 | 0.39 | 6.02 | 2.38 | 2.38 | 0.51 | 9.68 | 2.92 | 2.92 | 0.63 | 13.71 |
| | | 20 | - | - | - | - | 1.39 | 1.20 | 0.30 | 3.18 | 1.86 | 1.80 | 0.40 | 6.28 | 2.38 | 2.38 | 0.51 | 9.68 | 2.92 | 2.92 | 0.63 | 13.73 |
| | 5 | 15 | 0.44 | 0.44 | 0.08 | 0.46 | 1.06 | 1.06 | 0.18 | 1.11 | 1.58 | 1.58 | 0.27 | 2.54 | 2.12 | 2.12 | 0.37 | 5.32 | 2.68 | 2.68 | 0.46 | 8.08 |
| | | 17 | 0.44 | 0.44 | 0.08 | 0.46 | 1.06 | 1.06 | 0.18 | 1.12 | 1.59 | 1.59 | 0.27 | 2.55 | 2.12 | 2.12 | 0.37 | 5.33 | 2.69 | 2.69 | 0.46 | 8.10 |
| | | 19 | - | - | - | - | 1.06 | 1.06 | 0.18 | 1.12 | 1.59 | 1.59 | 0.27 | 2.55 | 2.13 | 2.13 | 0.37 | 5.35 | 2.69 | 2.69 | 0.46 | 8.12 |
| | | 20 | - | - | - | - | 1.09 | 1.03 | 0.19 | 1.15 | 1.59 | 1.59 | 0.27 | 2.57 | 2.13 | 2.13 | 0.37 | 5.36 | 2.69 | 2.69 | 0.46 | 8.13 |
| 6 | 15 | - | - | - | - | 0.79 | 0.79 | 0.11 | 0.68 | 1.38 | 1.38 | 0.20 | 1.22 | 1.90 | 1.90 | 0.27 | 2.55 | 2.43 | 2.43 | 0.35 | 4.80 | |
| | 17 | - | - | - | - | 0.79 | 0.79 | 0.11 | 0.68 | 1.38 | 1.38 | 0.20 | 1.22 | 1.90 | 1.90 | 0.27 | 2.56 | 2.43 | 2.43 | 0.35 | 4.81 | |
| | 19 | - | - | - | - | 0.80 | 0.80 | 0.11 | 0.69 | 1.38 | 1.38 | 0.20 | 1.23 | 1.90 | 1.90 | 0.27 | 2.56 | 2.43 | 2.43 | 0.35 | 4.83 | |
| | 20 | - | - | - | - | 0.80 | 0.79 | 0.11 | 0.69 | 1.38 | 1.38 | 0.20 | 1.23 | 1.90 | 1.90 | 0.27 | 2.57 | 2.43 | 2.43 | 0.35 | 4.84 | |

Abbreviations:

- EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

2-Pipe Duct MKT3(C) Series



Heating Capacity Table

| MKT3-600G50-CL | | | | | | | | | | | | | |
|----------------|----|---------------------------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|------|-------------------|-------|
| EWT | ΔT | Indoor temperature (W.B.) | | | | | | | | | | | |
| | | 16 | | | 18 | | | 20 | | | 22 | | |
| | | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD |
| °C | °C | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa |
| 40 | 8 | 5.58 | 0.60 | 11.31 | 4.96 | 0.54 | 9.26 | 4.34 | 0.47 | 7.33 | 3.72 | 0.40 | 5.63 |
| | 10 | 5.14 | 0.44 | 6.73 | 4.51 | 0.39 | 5.38 | 3.86 | 0.33 | 4.14 | 3.20 | 0.28 | 3.01 |
| | 12 | 4.65 | 0.34 | 4.20 | 3.98 | 0.29 | 3.23 | 3.30 | 0.24 | 2.21 | 2.67 | 0.19 | 1.26 |
| | 14 | 4.07 | 0.25 | 2.46 | 3.42 | 0.21 | 1.59 | 2.80 | 0.17 | 0.94 | 2.12 | 0.13 | 0.59 |
| | 16 | 3.56 | 0.19 | 1.22 | 2.92 | 0.16 | 0.78 | 2.20 | 0.12 | 0.56 | 1.39 | 0.07 | 0.36 |
| 45 | 8 | 7.09 | 0.76 | 16.66 | 6.49 | 0.70 | 14.33 | 5.87 | 0.63 | 12.01 | 5.26 | 0.57 | 9.95 |
| | 10 | 6.71 | 0.58 | 10.34 | 6.09 | 0.53 | 8.75 | 5.47 | 0.47 | 7.28 | 4.85 | 0.42 | 5.92 |
| | 12 | 6.29 | 0.45 | 6.83 | 5.66 | 0.41 | 5.70 | 5.02 | 0.36 | 4.65 | 4.37 | 0.31 | 3.68 |
| | 14 | 5.81 | 0.36 | 4.61 | 5.16 | 0.32 | 3.76 | 4.48 | 0.28 | 2.97 | 3.79 | 0.23 | 2.16 |
| | 16 | 5.28 | 0.28 | 3.15 | 4.58 | 0.25 | 2.42 | 3.91 | 0.21 | 1.68 | 3.28 | 0.18 | 1.05 |
| 50 | 8 | 8.61 | 0.93 | 22.89 | 7.99 | 0.86 | 20.02 | 7.38 | 0.80 | 17.43 | 6.77 | 0.73 | 15.02 |
| | 10 | 8.25 | 0.71 | 14.48 | 7.63 | 0.66 | 12.65 | 7.01 | 0.61 | 10.94 | 6.40 | 0.55 | 9.34 |
| | 12 | 7.86 | 0.56 | 9.73 | 7.23 | 0.52 | 8.44 | 6.61 | 0.48 | 7.23 | 5.98 | 0.43 | 6.10 |
| | 14 | 7.44 | 0.46 | 6.84 | 6.81 | 0.42 | 5.87 | 6.17 | 0.38 | 4.96 | 5.53 | 0.34 | 4.12 |
| | 16 | 6.99 | 0.38 | 4.91 | 6.33 | 0.34 | 4.16 | 5.68 | 0.31 | 3.47 | 5.01 | 0.27 | 2.80 |
| 55 | 8 | 10.10 | 1.09 | 29.59 | 9.49 | 1.02 | 26.50 | 8.87 | 0.96 | 23.57 | 8.27 | 0.89 | 20.93 |
| | 10 | 9.76 | 0.84 | 18.95 | 9.14 | 0.79 | 16.90 | 8.53 | 0.74 | 14.97 | 7.91 | 0.68 | 13.17 |
| | 12 | 9.40 | 0.68 | 12.98 | 8.78 | 0.63 | 11.52 | 8.16 | 0.59 | 10.15 | 7.54 | 0.54 | 8.86 |
| | 14 | 9.02 | 0.56 | 9.32 | 8.39 | 0.52 | 8.23 | 7.76 | 0.48 | 7.20 | 7.14 | 0.44 | 6.23 |
| | 16 | 8.61 | 0.46 | 6.87 | 7.97 | 0.43 | 6.02 | 7.33 | 0.40 | 5.21 | 6.69 | 0.36 | 4.45 |
| 60 | 8 | 11.60 | 1.25 | 37.14 | 10.98 | 1.19 | 33.79 | 10.36 | 1.12 | 30.44 | 9.75 | 1.05 | 27.28 |
| | 10 | 11.28 | 0.97 | 24.01 | 10.65 | 0.92 | 21.73 | 10.03 | 0.87 | 19.57 | 9.42 | 0.81 | 17.53 |
| | 12 | 10.93 | 0.79 | 16.60 | 10.31 | 0.74 | 14.98 | 9.69 | 0.70 | 13.44 | 9.07 | 0.65 | 11.99 |
| | 14 | 10.57 | 0.65 | 11.98 | 9.94 | 0.61 | 10.77 | 9.31 | 0.57 | 9.62 | 8.69 | 0.54 | 8.54 |
| | 16 | 10.19 | 0.55 | 8.98 | 9.56 | 0.52 | 8.04 | 8.93 | 0.48 | 7.15 | 8.30 | 0.45 | 6.30 |

Abbreviations:

Δt: Temperature Difference. (°C) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m³/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

| MKT3-700G12-CL | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----|--------------------|---------------------------|------|-------------------|-------|-------|------|-------------------|--------|-------|------|-------------------|--------|-------|------|-------------------|--------|-------|------|-------------------|--------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 5 | 3 | 15 | 5.57 | 4.22 | 1.59 | 38.07 | 5.54 | 4.82 | 1.59 | 37.78 | 5.67 | 5.44 | 1.62 | 39.29 | 6.05 | 6.05 | 1.73 | 44.01 | 6.63 | 6.63 | 1.90 | 51.64 |
| | | 17 | 7.39 | 4.26 | 2.13 | 63.00 | 7.34 | 4.86 | 2.12 | 62.33 | 7.28 | 5.44 | 2.09 | 60.70 | 7.24 | 6.03 | 2.07 | 60.05 | 7.23 | 6.61 | 2.07 | 59.91 |
| | | 19 | - | - | - | - | 9.26 | 4.88 | 2.68 | 93.71 | 9.21 | 5.47 | 2.66 | 92.73 | 9.15 | 6.06 | 2.65 | 91.80 | 9.10 | 6.64 | 2.63 | 90.84 |
| | | 20 | - | - | - | - | 10.28 | 4.89 | 2.98 | 112.64 | 10.22 | 5.49 | 2.96 | 111.49 | 10.15 | 6.07 | 2.93 | 109.65 | 10.10 | 6.65 | 2.93 | 109.22 |
| | 4 | 15 | 4.92 | 3.92 | 1.06 | 18.92 | 5.03 | 4.55 | 1.08 | 19.61 | 5.31 | 5.20 | 1.14 | 21.53 | 5.81 | 5.81 | 1.25 | 24.90 | 6.40 | 6.40 | 1.37 | 29.40 |
| | | 17 | 6.78 | 3.97 | 1.45 | 32.41 | 6.73 | 4.57 | 1.44 | 32.07 | 6.69 | 5.17 | 1.44 | 31.72 | 6.67 | 5.76 | 1.43 | 31.58 | 6.79 | 6.37 | 1.46 | 32.52 |
| | | 19 | - | - | - | - | 8.69 | 4.61 | 1.87 | 49.86 | 8.64 | 5.21 | 1.85 | 49.35 | 8.59 | 5.80 | 1.84 | 48.84 | 8.54 | 6.38 | 1.83 | 48.34 |
| | | 20 | - | - | - | - | 9.73 | 4.63 | 2.10 | 61.22 | 9.66 | 5.23 | 2.08 | 60.24 | 9.61 | 5.82 | 2.08 | 59.92 | 9.56 | 6.40 | 2.06 | 59.36 |
| | 5 | 15 | 4.23 | 3.59 | 0.73 | 9.87 | 4.53 | 4.26 | 0.78 | 11.10 | 4.96 | 4.93 | 0.85 | 12.96 | 5.55 | 5.55 | 0.96 | 15.82 | 6.15 | 6.15 | 1.06 | 18.84 |
| | | 17 | 6.11 | 3.67 | 1.05 | 18.56 | 6.07 | 4.27 | 1.05 | 18.35 | 6.04 | 4.87 | 1.04 | 18.24 | 6.15 | 5.49 | 1.06 | 18.80 | 6.39 | 6.12 | 1.10 | 20.08 |
| | | 19 | - | - | - | - | 8.08 | 4.33 | 1.39 | 29.99 | 8.03 | 4.93 | 1.38 | 29.69 | 7.98 | 5.52 | 1.38 | 29.38 | 7.93 | 6.10 | 1.37 | 29.07 |
| | | 20 | - | - | - | - | 9.12 | 4.36 | 1.57 | 36.99 | 9.07 | 4.96 | 1.56 | 36.62 | 9.02 | 5.55 | 1.55 | 36.25 | 8.96 | 6.13 | 1.55 | 35.88 |
| 6 | 15 | 3.72 | 3.31 | 0.53 | 4.80 | 4.11 | 3.98 | 0.59 | 6.24 | 4.64 | 4.64 | 0.66 | 8.27 | 5.27 | 5.27 | 0.75 | 10.53 | 5.88 | 5.88 | 0.84 | 12.74 | |
| | 17 | 5.28 | 3.30 | 0.76 | 10.55 | 5.25 | 3.91 | 0.75 | 10.45 | 5.38 | 4.55 | 0.77 | 10.89 | 5.65 | 5.21 | 0.81 | 11.86 | 6.01 | 5.86 | 0.86 | 13.19 | |
| | 19 | - | - | - | - | 7.36 | 4.02 | 1.05 | 18.50 | 7.32 | 4.61 | 1.05 | 18.31 | 7.27 | 5.20 | 1.04 | 18.11 | 7.25 | 5.80 | 1.04 | 18.03 | |
| | 20 | - | - | - | - | 8.44 | 4.05 | 1.21 | 23.38 | 8.39 | 4.65 | 1.20 | 23.14 | 8.33 | 5.24 | 1.19 | 22.89 | 8.29 | 5.83 | 1.19 | 22.66 | |
| 7 | 3 | 15 | 4.22 | 3.60 | 1.21 | 23.38 | 4.41 | 4.24 | 1.27 | 25.23 | 4.86 | 4.86 | 1.41 | 30.24 | 5.46 | 5.46 | 1.58 | 36.93 | 6.04 | 6.04 | 1.74 | 43.47 |
| | | 17 | 6.03 | 3.63 | 1.73 | 43.30 | 5.99 | 4.23 | 1.72 | 42.81 | 5.95 | 4.82 | 1.71 | 42.30 | 5.97 | 5.42 | 1.72 | 42.60 | 6.16 | 6.04 | 1.77 | 44.98 |
| | | 19 | - | - | - | - | 7.94 | 4.27 | 2.30 | 70.89 | 7.89 | 4.86 | 2.29 | 70.13 | 7.84 | 5.45 | 2.26 | 68.86 | 7.79 | 6.03 | 2.25 | 68.12 |
| | | 20 | - | - | - | - | 8.96 | 4.28 | 2.60 | 87.67 | 8.91 | 4.88 | 2.59 | 86.74 | 8.85 | 5.47 | 2.57 | 85.82 | 8.80 | 6.05 | 2.55 | 84.91 |
| | 4 | 15 | 3.66 | 3.31 | 0.79 | 11.24 | 4.05 | 3.99 | 0.88 | 13.41 | 4.61 | 4.61 | 0.99 | 16.57 | 5.21 | 5.21 | 1.12 | 20.46 | 5.81 | 5.81 | 1.25 | 24.61 |
| | | 17 | 5.36 | 3.34 | 1.15 | 21.43 | 5.33 | 3.94 | 1.15 | 21.17 | 5.35 | 4.55 | 1.15 | 21.33 | 5.52 | 5.18 | 1.19 | 22.55 | 5.86 | 5.81 | 1.26 | 24.96 |
| | | 19 | - | - | - | - | 7.32 | 3.99 | 1.57 | 36.58 | 7.27 | 4.59 | 1.56 | 36.19 | 7.22 | 5.18 | 1.55 | 35.80 | 7.18 | 5.76 | 1.55 | 35.54 |
| | | 20 | - | - | - | - | 8.36 | 4.02 | 1.81 | 46.58 | 8.31 | 4.61 | 1.80 | 46.09 | 8.26 | 5.21 | 1.79 | 45.62 | 8.21 | 5.79 | 1.78 | 45.12 |
| | 5 | 15 | 3.18 | 3.02 | 0.55 | 5.31 | 3.70 | 3.69 | 0.64 | 7.60 | 4.33 | 4.33 | 0.75 | 10.17 | 4.95 | 4.95 | 0.85 | 12.76 | 5.56 | 5.56 | 0.96 | 15.59 |
| | | 17 | 4.55 | 2.99 | 0.78 | 11.04 | 4.58 | 3.61 | 0.79 | 11.13 | 4.78 | 4.27 | 0.82 | 12.00 | 5.11 | 4.93 | 0.88 | 13.46 | 5.57 | 5.57 | 0.96 | 15.66 |
| | | 19 | - | - | - | - | 6.62 | 3.69 | 1.14 | 20.91 | 6.58 | 4.29 | 1.13 | 20.68 | 6.54 | 4.89 | 1.12 | 20.43 | 6.56 | 5.49 | 1.13 | 20.58 |
| | | 20 | - | - | - | - | 7.71 | 3.73 | 1.33 | 27.31 | 7.66 | 4.33 | 1.32 | 27.02 | 7.61 | 4.93 | 1.32 | 26.73 | 7.55 | 5.51 | 1.30 | 26.23 |
| 6 | 15 | 2.91 | 2.83 | 0.42 | 2.60 | 3.44 | 3.44 | 0.49 | 4.08 | 4.04 | 4.04 | 0.58 | 6.14 | 4.66 | 4.66 | 0.67 | 8.38 | 5.29 | 5.29 | 0.76 | 10.42 | |
| | 17 | 3.67 | 2.63 | 0.53 | 4.85 | 3.90 | 3.29 | 0.56 | 5.65 | 4.26 | 3.97 | 0.61 | 6.97 | 4.73 | 4.65 | 0.68 | 8.58 | 5.30 | 5.29 | 0.76 | 10.45 | |
| | 19 | - | - | - | - | 5.81 | 3.36 | 0.83 | 12.19 | 5.76 | 3.96 | 0.83 | 12.03 | 5.80 | 4.57 | 0.83 | 12.16 | 5.98 | 5.21 | 0.86 | 12.80 | |
| | 20 | - | - | - | - | 6.94 | 3.41 | 0.99 | 16.51 | 6.89 | 4.01 | 0.99 | 16.32 | 6.84 | 4.61 | 0.98 | 16.13 | 6.82 | 5.20 | 0.98 | 16.01 | |

2-Pipe Duct MKT3(C) Series



(Continued)

| MKT3-700G12-CL | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----|--------------------|---------------------------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 9 | 3 | 15 | 3.09 | 3.01 | 0.89 | 13.53 | 3.65 | 3.65 | 1.05 | 17.96 | 4.26 | 4.26 | 1.22 | 23.41 | 4.86 | 4.86 | 1.41 | 29.80 | 5.45 | 5.45 | 1.57 | 35.82 |
| | | 17 | 4.58 | 3.00 | 1.33 | 26.89 | 4.54 | 3.60 | 1.30 | 26.08 | 4.64 | 4.23 | 1.34 | 27.49 | 4.92 | 4.86 | 1.42 | 30.42 | 5.46 | 5.46 | 1.57 | 35.92 |
| | | 19 | - | - | - | - | 6.52 | 3.64 | 1.89 | 49.46 | 6.47 | 4.24 | 1.88 | 48.90 | 6.43 | 4.84 | 1.86 | 48.35 | 6.40 | 5.42 | 1.85 | 47.89 |
| | | 20 | - | - | - | - | 7.53 | 3.65 | 2.17 | 62.94 | 7.49 | 4.26 | 2.17 | 62.76 | 7.45 | 4.85 | 2.16 | 62.53 | 7.40 | 5.44 | 2.15 | 61.84 |
| | 4 | 15 | 2.73 | 2.73 | 0.59 | 6.45 | 3.37 | 3.37 | 0.73 | 9.60 | 4.00 | 4.00 | 0.86 | 12.83 | 4.61 | 4.61 | 0.99 | 16.38 | 5.22 | 5.22 | 1.13 | 20.26 |
| | | 17 | 3.77 | 2.67 | 0.81 | 11.55 | 3.89 | 3.31 | 0.84 | 12.20 | 4.19 | 3.98 | 0.91 | 13.95 | 4.63 | 4.62 | 1.00 | 16.46 | 5.22 | 5.22 | 1.13 | 20.32 |
| | | 19 | - | - | - | - | 5.83 | 3.36 | 1.26 | 24.60 | 5.79 | 3.96 | 1.25 | 24.31 | 5.76 | 4.56 | 1.25 | 24.08 | 5.85 | 5.17 | 1.27 | 24.73 |
| | | 20 | - | - | - | - | 6.87 | 3.38 | 1.48 | 32.38 | 6.83 | 3.98 | 1.47 | 32.02 | 6.78 | 4.58 | 1.46 | 31.66 | 6.74 | 5.17 | 1.45 | 31.29 |
| | 5 | 15 | 2.48 | 2.48 | 0.43 | 2.83 | 3.08 | 3.08 | 0.53 | 5.06 | 3.72 | 3.72 | 0.64 | 7.69 | 4.35 | 4.35 | 0.75 | 10.07 | 4.96 | 4.96 | 0.85 | 12.61 |
| | | 17 | 2.96 | 2.33 | 0.51 | 4.57 | 3.31 | 3.01 | 0.57 | 6.04 | 3.78 | 3.70 | 0.65 | 7.92 | 4.35 | 4.35 | 0.75 | 10.09 | 4.97 | 4.97 | 0.86 | 12.64 |
| | | 19 | - | - | - | - | 5.01 | 3.03 | 0.86 | 12.77 | 4.98 | 3.64 | 0.86 | 12.63 | 5.10 | 4.27 | 0.88 | 13.17 | 5.35 | 4.92 | 0.92 | 14.38 |
| | | 20 | - | - | - | - | 6.12 | 3.08 | 1.05 | 17.98 | 6.08 | 3.68 | 1.05 | 17.77 | 6.03 | 4.28 | 1.04 | 17.55 | 6.06 | 4.88 | 1.04 | 17.68 |
| 6 | 15 | 2.26 | 2.26 | 0.32 | 1.55 | 2.86 | 2.86 | 0.41 | 2.56 | 3.44 | 3.44 | 0.49 | 4.23 | 4.06 | 4.06 | 0.58 | 6.34 | 4.69 | 4.69 | 0.67 | 8.37 | |
| | 17 | 2.54 | 2.12 | 0.36 | 1.90 | 2.96 | 2.80 | 0.42 | 2.82 | 3.46 | 3.44 | 0.50 | 4.27 | 4.06 | 4.06 | 0.58 | 6.36 | 4.70 | 4.70 | 0.67 | 8.39 | |
| | 19 | - | - | - | - | 3.98 | 2.64 | 0.57 | 6.08 | 4.16 | 3.30 | 0.60 | 6.70 | 4.49 | 3.98 | 0.64 | 7.75 | 4.90 | 4.66 | 0.70 | 9.00 | |
| | 20 | - | - | - | - | 5.22 | 2.73 | 0.75 | 10.00 | 5.17 | 3.33 | 0.74 | 9.85 | 5.22 | 3.95 | 0.75 | 10.01 | 5.42 | 4.60 | 0.78 | 10.68 | |
| 11 | 3 | 15 | 2.40 | 2.40 | 0.68 | 8.55 | 3.03 | 3.03 | 0.87 | 12.76 | 3.65 | 3.65 | 1.04 | 17.52 | 4.26 | 4.26 | 1.22 | 22.81 | 4.85 | 4.85 | 1.39 | 28.58 |
| | | 17 | 2.96 | 2.34 | 0.84 | 12.22 | 3.22 | 3.01 | 0.92 | 14.27 | 3.66 | 3.66 | 1.04 | 17.57 | 4.26 | 4.26 | 1.22 | 22.88 | 4.86 | 4.86 | 1.39 | 28.65 |
| | | 19 | - | - | - | - | 4.95 | 3.01 | 1.41 | 29.52 | 4.91 | 3.61 | 1.40 | 29.13 | 4.93 | 4.22 | 1.41 | 29.32 | 5.11 | 4.84 | 1.46 | 31.19 |
| | | 20 | - | - | - | - | 6.01 | 3.03 | 1.73 | 41.87 | 5.97 | 3.64 | 1.72 | 41.37 | 5.93 | 4.23 | 1.71 | 40.89 | 5.89 | 4.83 | 1.70 | 40.44 |
| | 4 | 15 | 2.12 | 2.12 | 0.45 | 3.43 | 2.74 | 2.74 | 0.59 | 6.52 | 3.39 | 3.39 | 0.73 | 9.43 | 4.01 | 4.01 | 0.86 | 12.57 | 4.62 | 4.62 | 0.99 | 15.99 |
| | | 17 | 2.31 | 2.04 | 0.49 | 4.34 | 2.79 | 2.73 | 0.60 | 6.73 | 3.39 | 3.39 | 0.73 | 9.45 | 4.02 | 4.02 | 0.86 | 12.60 | 4.63 | 4.63 | 0.99 | 16.03 |
| | | 19 | - | - | - | - | 4.13 | 2.69 | 0.88 | 13.18 | 4.17 | 3.32 | 0.89 | 13.41 | 4.39 | 3.96 | 0.94 | 14.66 | 4.74 | 4.61 | 1.01 | 16.69 |
| | | 20 | - | - | - | - | 5.24 | 2.74 | 1.12 | 19.82 | 5.20 | 3.34 | 1.12 | 19.58 | 5.18 | 3.94 | 1.11 | 19.40 | 5.28 | 4.56 | 1.13 | 20.11 |
| | 5 | 15 | 1.90 | 1.90 | 0.33 | 1.54 | 2.49 | 2.49 | 0.43 | 2.99 | 3.10 | 3.10 | 0.53 | 5.28 | 3.74 | 3.74 | 0.64 | 7.69 | 4.37 | 4.37 | 0.75 | 9.99 |
| | | 17 | 1.98 | 1.85 | 0.34 | 1.67 | 2.50 | 2.49 | 0.43 | 3.01 | 3.11 | 3.11 | 0.53 | 5.30 | 3.75 | 3.75 | 0.65 | 7.71 | 4.38 | 4.38 | 0.75 | 10.02 |
| | | 19 | - | - | - | - | 3.18 | 2.33 | 0.55 | 5.62 | 3.51 | 3.02 | 0.60 | 6.85 | 3.93 | 3.71 | 0.68 | 8.33 | 4.41 | 4.37 | 0.76 | 10.15 |
| | | 20 | - | - | - | - | 4.34 | 2.40 | 0.75 | 9.85 | 4.31 | 3.01 | 0.74 | 9.75 | 4.48 | 3.66 | 0.77 | 10.40 | 4.76 | 4.31 | 0.82 | 11.56 |
| 6 | 15 | 1.62 | 1.62 | 0.23 | 1.04 | 2.28 | 2.28 | 0.33 | 1.53 | 2.87 | 2.87 | 0.41 | 2.68 | 3.46 | 3.46 | 0.50 | 4.43 | 4.08 | 4.08 | 0.58 | 6.40 | |
| | 17 | 1.64 | 1.61 | 0.24 | 1.05 | 2.28 | 2.27 | 0.33 | 1.53 | 2.87 | 2.87 | 0.41 | 2.69 | 3.46 | 3.46 | 0.50 | 4.45 | 4.09 | 4.09 | 0.58 | 6.42 | |
| | 19 | - | - | - | - | 2.64 | 2.10 | 0.38 | 2.17 | 3.04 | 2.78 | 0.44 | 3.16 | 3.52 | 3.44 | 0.51 | 4.65 | 4.09 | 4.09 | 0.59 | 6.44 | |
| | 20 | - | - | - | - | 3.24 | 2.01 | 0.46 | 3.76 | 3.46 | 2.67 | 0.50 | 4.46 | 3.82 | 3.36 | 0.55 | 5.59 | 4.27 | 4.04 | 0.61 | 6.98 | |

(Continued)

| MKT3-700G12-CL | | | | | | | | | | | | | | | | | | | | | | |
|----------------|----|--------------------|---------------------------|------|-------------------|------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 13 | 3 | 15 | 1.76 | 1.76 | 0.50 | 4.67 | 2.41 | 2.41 | 0.69 | 8.61 | 3.04 | 3.04 | 0.87 | 12.59 | 3.66 | 3.66 | 1.05 | 17.51 | 4.26 | 4.26 | 1.22 | 22.74 |
| | | 17 | 1.77 | 1.76 | 0.51 | 4.77 | 2.42 | 2.42 | 0.69 | 8.63 | 3.04 | 3.04 | 0.87 | 12.62 | 3.66 | 3.66 | 1.05 | 17.55 | 4.26 | 4.26 | 1.23 | 22.81 |
| | | 19 | - | - | - | - | 3.20 | 2.35 | 0.91 | 13.72 | 3.39 | 3.00 | 0.97 | 15.39 | 3.73 | 3.66 | 1.07 | 18.14 | 4.27 | 4.27 | 1.23 | 22.86 |
| | | 20 | - | - | - | - | 4.31 | 2.39 | 1.24 | 23.21 | 4.27 | 2.99 | 1.23 | 22.86 | 4.31 | 3.61 | 1.24 | 23.24 | 4.52 | 4.24 | 1.30 | 25.19 |
| | 4 | 15 | 1.53 | 1.53 | 0.33 | 1.55 | 2.13 | 2.13 | 0.46 | 3.66 | 2.76 | 2.76 | 0.59 | 6.55 | 3.40 | 3.40 | 0.73 | 9.33 | 4.02 | 4.02 | 0.86 | 12.40 |
| | | 17 | 1.53 | 1.52 | 0.33 | 1.55 | 2.13 | 2.13 | 0.46 | 3.67 | 2.76 | 2.76 | 0.59 | 6.57 | 3.40 | 3.40 | 0.73 | 9.36 | 4.02 | 4.02 | 0.86 | 12.43 |
| | | 19 | - | - | - | - | 2.42 | 2.03 | 0.52 | 5.04 | 2.89 | 2.74 | 0.62 | 7.08 | 3.41 | 3.41 | 0.73 | 9.41 | 4.03 | 4.03 | 0.86 | 12.47 |
| | | 20 | - | - | - | - | 3.34 | 2.04 | 0.71 | 9.02 | 3.44 | 2.68 | 0.74 | 9.52 | 3.73 | 3.35 | 0.80 | 10.95 | 4.13 | 4.01 | 0.88 | 12.98 |
| | 5 | 15 | 1.25 | 1.25 | 0.21 | 0.91 | 1.90 | 1.90 | 0.33 | 1.52 | 2.49 | 2.49 | 0.43 | 3.07 | 3.11 | 3.11 | 0.53 | 5.36 | 3.75 | 3.75 | 0.64 | 7.55 |
| | | 17 | 1.25 | 1.25 | 0.21 | 0.92 | 1.91 | 1.91 | 0.33 | 1.53 | 2.50 | 2.50 | 0.43 | 3.08 | 3.12 | 3.12 | 0.53 | 5.38 | 3.76 | 3.76 | 0.64 | 7.57 |
| | | 19 | - | - | - | - | 2.03 | 1.83 | 0.35 | 1.77 | 2.52 | 2.48 | 0.43 | 3.17 | 3.12 | 3.12 | 0.54 | 5.39 | 3.76 | 3.76 | 0.65 | 7.59 |
| | | 20 | - | - | - | - | 2.40 | 1.71 | 0.41 | 2.78 | 2.77 | 2.39 | 0.47 | 4.06 | 3.24 | 3.08 | 0.56 | 5.84 | 3.79 | 3.76 | 0.65 | 7.66 |
| | 6 | 15 | 0.94 | 0.94 | 0.13 | 0.56 | 1.64 | 1.64 | 0.23 | 0.99 | 2.28 | 2.28 | 0.33 | 1.53 | 2.86 | 2.86 | 0.41 | 2.76 | 3.47 | 3.47 | 0.50 | 4.55 |
| | | 17 | 0.94 | 0.94 | 0.13 | 0.56 | 1.64 | 1.64 | 0.23 | 0.99 | 2.28 | 2.28 | 0.33 | 1.53 | 2.87 | 2.87 | 0.41 | 2.77 | 3.47 | 3.47 | 0.50 | 4.56 |
| | | 19 | - | - | - | - | 1.67 | 1.61 | 0.24 | 1.01 | 2.29 | 2.28 | 0.33 | 1.54 | 2.87 | 2.87 | 0.41 | 2.78 | 3.48 | 3.48 | 0.50 | 4.58 |
| | | 20 | - | - | - | - | 1.89 | 1.50 | 0.27 | 1.13 | 2.41 | 2.20 | 0.35 | 1.75 | 2.91 | 2.85 | 0.42 | 2.88 | 3.48 | 3.47 | 0.50 | 4.58 |
| 15 | 3 | 15 | 1.15 | 1.15 | 0.33 | 1.54 | 1.76 | 1.76 | 0.50 | 4.71 | 2.41 | 2.41 | 0.69 | 8.38 | 3.04 | 3.04 | 0.87 | 12.42 | 3.65 | 3.65 | 1.05 | 17.23 |
| | | 17 | 1.15 | 1.15 | 0.33 | 1.54 | 1.76 | 1.76 | 0.50 | 4.72 | 2.42 | 2.42 | 0.69 | 8.40 | 3.04 | 3.04 | 0.87 | 12.45 | 3.66 | 3.66 | 1.05 | 17.28 |
| | | 19 | - | - | - | - | 1.81 | 1.75 | 0.52 | 5.00 | 2.41 | 2.41 | 0.69 | 8.39 | 3.05 | 3.05 | 0.87 | 12.49 | 3.67 | 3.67 | 1.05 | 17.33 |
| | | 20 | - | - | - | - | 2.34 | 1.70 | 0.67 | 7.95 | 2.65 | 2.38 | 0.76 | 9.83 | 3.09 | 3.04 | 0.88 | 12.75 | 3.67 | 3.67 | 1.05 | 17.35 |
| | 4 | 15 | 0.87 | 0.87 | 0.19 | 0.77 | 1.53 | 1.53 | 0.33 | 1.55 | 2.13 | 2.13 | 0.46 | 3.74 | 2.77 | 2.77 | 0.59 | 6.52 | 3.41 | 3.41 | 0.73 | 9.30 |
| | | 17 | 0.87 | 0.87 | 0.19 | 0.77 | 1.53 | 1.53 | 0.33 | 1.55 | 2.13 | 2.13 | 0.46 | 3.75 | 2.78 | 2.78 | 0.60 | 6.53 | 3.41 | 3.41 | 0.74 | 9.34 |
| | | 19 | - | - | - | - | 1.54 | 1.53 | 0.33 | 1.56 | 2.13 | 2.13 | 0.46 | 3.77 | 2.78 | 2.78 | 0.60 | 6.55 | 3.42 | 3.42 | 0.74 | 9.38 |
| | | 20 | - | - | - | - | 1.70 | 1.43 | 0.36 | 2.04 | 2.18 | 2.11 | 0.47 | 3.99 | 2.78 | 2.78 | 0.60 | 6.55 | 3.42 | 3.42 | 0.74 | 9.40 |
| | 5 | 15 | 0.54 | 0.54 | 0.09 | 0.37 | 1.27 | 1.27 | 0.22 | 0.89 | 1.91 | 1.91 | 0.33 | 1.58 | 2.50 | 2.50 | 0.43 | 3.26 | 3.13 | 3.13 | 0.54 | 5.49 |
| | | 17 | 0.54 | 0.54 | 0.09 | 0.37 | 1.27 | 1.27 | 0.22 | 0.89 | 1.92 | 1.92 | 0.33 | 1.59 | 2.51 | 2.51 | 0.43 | 3.27 | 3.14 | 3.14 | 0.54 | 5.51 |
| | | 19 | - | - | - | - | 1.27 | 1.27 | 0.22 | 0.89 | 1.92 | 1.92 | 0.33 | 1.59 | 2.51 | 2.51 | 0.43 | 3.28 | 3.14 | 3.14 | 0.54 | 5.53 |
| | | 20 | - | - | - | - | 1.32 | 1.23 | 0.23 | 0.92 | 1.93 | 1.91 | 0.33 | 1.61 | 2.51 | 2.51 | 0.43 | 3.29 | 3.15 | 3.15 | 0.54 | 5.54 |
| | 6 | 15 | - | - | - | - | 0.96 | 0.96 | 0.14 | 0.55 | 1.65 | 1.65 | 0.24 | 0.95 | 2.29 | 2.29 | 0.33 | 1.58 | 2.87 | 2.87 | 0.41 | 2.92 |
| | | 17 | - | - | - | - | 0.96 | 0.96 | 0.14 | 0.55 | 1.66 | 1.66 | 0.24 | 0.95 | 2.29 | 2.29 | 0.33 | 1.59 | 2.88 | 2.88 | 0.41 | 2.93 |
| | | 19 | - | - | - | - | 0.96 | 0.96 | 0.14 | 0.55 | 1.66 | 1.66 | 0.24 | 0.95 | 2.29 | 2.29 | 0.33 | 1.59 | 2.88 | 2.88 | 0.41 | 2.94 |
| | | 20 | - | - | - | - | 0.96 | 0.96 | 0.14 | 0.55 | 1.66 | 1.65 | 0.24 | 0.95 | 2.30 | 2.30 | 0.33 | 1.59 | 2.88 | 2.88 | 0.41 | 2.94 |

Abbreviations:

- EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

2-Pipe Duct MKT3(C) Series



Heating Capacity Table

| MKT3-700G12-CL | | | | | | | | | | | | | |
|----------------|----|---------------------------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|
| EWT | ΔT | Indoor temperature (W.B.) | | | | | | | | | | | |
| | | 16 | | | 18 | | | 20 | | | 22 | | |
| | | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD |
| °C | °C | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa |
| 40 | 8 | 6.58 | 0.71 | 7.78 | 5.85 | 0.63 | 6.38 | 5.13 | 0.55 | 5.09 | 4.40 | 0.47 | 3.92 |
| | 10 | 6.09 | 0.53 | 4.68 | 5.34 | 0.46 | 3.75 | 4.58 | 0.39 | 2.89 | 3.80 | 0.33 | 2.00 |
| | 12 | 5.51 | 0.40 | 2.93 | 4.72 | 0.34 | 2.16 | 3.98 | 0.29 | 1.40 | 3.27 | 0.24 | 0.82 |
| | 14 | 4.89 | 0.30 | 1.57 | 4.17 | 0.26 | 1.02 | 3.42 | 0.21 | 0.66 | 2.59 | 0.16 | 0.48 |
| | 16 | 4.36 | 0.24 | 0.82 | 3.57 | 0.19 | 0.59 | 2.70 | 0.15 | 0.45 | 1.71 | 0.09 | 0.29 |
| 45 | 8 | 8.35 | 0.90 | 11.45 | 7.64 | 0.82 | 9.80 | 6.92 | 0.75 | 8.28 | 6.21 | 0.67 | 6.87 |
| | 10 | 7.92 | 0.68 | 7.15 | 7.19 | 0.62 | 6.07 | 6.47 | 0.56 | 5.06 | 5.74 | 0.49 | 4.12 |
| | 12 | 7.45 | 0.54 | 4.75 | 6.70 | 0.48 | 3.97 | 5.95 | 0.43 | 3.24 | 5.18 | 0.37 | 2.57 |
| | 14 | 6.89 | 0.42 | 3.22 | 6.11 | 0.38 | 2.63 | 5.32 | 0.33 | 2.02 | 4.55 | 0.28 | 1.39 |
| | 16 | 6.27 | 0.34 | 2.14 | 5.49 | 0.30 | 1.58 | 4.75 | 0.26 | 1.07 | 4.01 | 0.22 | 0.70 |
| 50 | 8 | 10.11 | 1.09 | 15.57 | 9.39 | 1.01 | 13.69 | 8.67 | 0.94 | 11.94 | 7.96 | 0.86 | 10.30 |
| | 10 | 9.72 | 0.84 | 9.96 | 8.99 | 0.78 | 8.71 | 8.27 | 0.72 | 7.55 | 7.55 | 0.65 | 6.46 |
| | 12 | 9.28 | 0.67 | 6.74 | 8.55 | 0.61 | 5.85 | 7.82 | 0.56 | 5.02 | 7.08 | 0.51 | 4.24 |
| | 14 | 8.81 | 0.54 | 4.76 | 8.07 | 0.50 | 4.09 | 7.31 | 0.45 | 3.46 | 6.55 | 0.40 | 2.88 |
| | 16 | 8.29 | 0.45 | 3.45 | 7.52 | 0.41 | 2.92 | 6.74 | 0.36 | 2.43 | 5.94 | 0.32 | 1.93 |
| 55 | 8 | 11.85 | 1.28 | 20.24 | 11.13 | 1.20 | 18.13 | 10.41 | 1.13 | 16.14 | 9.70 | 1.05 | 14.27 |
| | 10 | 11.48 | 0.99 | 13.02 | 10.76 | 0.93 | 11.63 | 10.04 | 0.87 | 10.31 | 9.32 | 0.81 | 9.07 |
| | 12 | 11.09 | 0.80 | 8.94 | 10.35 | 0.74 | 7.94 | 9.63 | 0.69 | 7.01 | 8.90 | 0.64 | 6.12 |
| | 14 | 10.66 | 0.66 | 6.45 | 9.92 | 0.61 | 5.71 | 9.19 | 0.57 | 5.00 | 8.45 | 0.52 | 4.33 |
| | 16 | 10.19 | 0.55 | 4.77 | 9.44 | 0.51 | 4.18 | 8.69 | 0.47 | 3.63 | 7.94 | 0.43 | 3.11 |
| 60 | 8 | 13.59 | 1.46 | 25.12 | 12.86 | 1.39 | 22.80 | 12.14 | 1.31 | 20.61 | 11.42 | 1.23 | 18.53 |
| | 10 | 13.24 | 1.14 | 16.37 | 12.51 | 1.08 | 14.82 | 11.78 | 1.02 | 13.31 | 11.06 | 0.95 | 11.93 |
| | 12 | 12.87 | 0.93 | 11.37 | 12.13 | 0.87 | 10.27 | 11.41 | 0.82 | 9.23 | 10.68 | 0.77 | 8.24 |
| | 14 | 12.47 | 0.77 | 8.25 | 11.73 | 0.72 | 7.43 | 11.00 | 0.68 | 6.64 | 10.27 | 0.63 | 5.90 |
| | 16 | 12.05 | 0.65 | 6.22 | 11.30 | 0.61 | 5.57 | 10.56 | 0.57 | 4.96 | 9.82 | 0.53 | 4.38 |

Abbreviations:

Δt: Temperature Difference. (°C) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m³/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

| MKT3-700G30-CL/ MKT3-700G50-CL | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|----|--------------------|---------------------------|------|-------------------|-------|-------|------|-------------------|--------|-------|------|-------------------|--------|-------|------|-------------------|--------|-------|------|-------------------|--------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 5 | 3 | 15 | 5.68 | 4.31 | 1.62 | 39.42 | 5.65 | 4.93 | 1.62 | 39.09 | 5.79 | 5.56 | 1.66 | 40.96 | 6.19 | 6.18 | 1.78 | 46.33 | 6.78 | 6.78 | 1.94 | 53.66 |
| | | 17 | 7.54 | 4.35 | 2.18 | 65.26 | 7.49 | 4.96 | 2.16 | 64.56 | 7.45 | 5.57 | 2.15 | 63.89 | 7.40 | 6.17 | 2.14 | 63.21 | 7.39 | 6.76 | 2.13 | 63.04 |
| | | 19 | - | - | - | - | 9.45 | 4.98 | 2.71 | 95.80 | 9.39 | 5.59 | 2.70 | 94.83 | 9.33 | 6.19 | 2.68 | 93.81 | 9.29 | 6.78 | 2.68 | 93.72 |
| | | 20 | - | - | - | - | 10.50 | 5.00 | 3.04 | 117.03 | 10.44 | 5.60 | 3.03 | 115.82 | 10.38 | 6.21 | 3.01 | 114.61 | 10.32 | 6.80 | 2.99 | 113.37 |
| | 4 | 15 | 5.01 | 4.00 | 1.08 | 19.51 | 5.12 | 4.65 | 1.10 | 20.24 | 5.41 | 5.31 | 1.17 | 22.28 | 5.93 | 5.93 | 1.27 | 25.82 | 6.54 | 6.54 | 1.40 | 30.51 |
| | | 17 | 6.91 | 4.05 | 1.48 | 33.50 | 6.86 | 4.67 | 1.47 | 33.14 | 6.82 | 5.27 | 1.46 | 32.79 | 6.80 | 5.88 | 1.46 | 32.65 | 6.92 | 6.51 | 1.49 | 33.66 |
| | | 19 | - | - | - | - | 8.86 | 4.71 | 1.90 | 51.66 | 8.81 | 5.32 | 1.89 | 51.07 | 8.76 | 5.92 | 1.88 | 50.55 | 8.71 | 6.51 | 1.87 | 50.04 |
| | | 20 | - | - | - | - | 9.93 | 4.73 | 2.14 | 63.41 | 9.87 | 5.34 | 2.13 | 62.76 | 9.81 | 5.94 | 2.12 | 62.14 | 9.75 | 6.54 | 2.11 | 61.52 |
| | 5 | 15 | 4.31 | 3.66 | 0.74 | 10.17 | 4.61 | 4.35 | 0.79 | 11.45 | 5.06 | 5.03 | 0.87 | 13.40 | 5.67 | 5.67 | 0.98 | 16.39 | 6.28 | 6.28 | 1.08 | 19.53 |
| | | 17 | 6.22 | 3.74 | 1.07 | 19.13 | 6.18 | 4.35 | 1.06 | 18.92 | 6.15 | 4.97 | 1.06 | 18.81 | 6.27 | 5.60 | 1.08 | 19.41 | 6.51 | 6.25 | 1.12 | 20.76 |
| | | 19 | - | - | - | - | 8.23 | 4.42 | 1.42 | 30.97 | 8.18 | 5.03 | 1.41 | 30.66 | 8.13 | 5.63 | 1.40 | 30.35 | 8.08 | 6.23 | 1.39 | 30.04 |
| | | 20 | - | - | - | - | 9.30 | 4.44 | 1.60 | 38.24 | 9.25 | 5.06 | 1.59 | 37.86 | 9.19 | 5.66 | 1.58 | 37.48 | 9.14 | 6.26 | 1.58 | 37.10 |
| 6 | 15 | 3.77 | 3.37 | 0.54 | 4.98 | 4.18 | 4.06 | 0.60 | 6.50 | 4.73 | 4.73 | 0.68 | 8.62 | 5.37 | 5.37 | 0.77 | 10.90 | 6.00 | 6.00 | 0.86 | 13.19 | |
| | 17 | 5.37 | 3.37 | 0.77 | 10.85 | 5.34 | 3.99 | 0.76 | 10.75 | 5.47 | 4.64 | 0.78 | 11.22 | 5.75 | 5.32 | 0.83 | 12.24 | 6.12 | 5.99 | 0.88 | 13.63 | |
| | 19 | - | - | - | - | 7.49 | 4.09 | 1.07 | 19.07 | 7.45 | 4.70 | 1.07 | 18.87 | 7.40 | 5.31 | 1.06 | 18.67 | 7.38 | 5.92 | 1.06 | 18.59 | |
| | 20 | - | - | - | - | 8.59 | 4.13 | 1.23 | 24.12 | 8.54 | 4.74 | 1.22 | 23.87 | 8.49 | 5.35 | 1.21 | 23.63 | 8.44 | 5.95 | 1.21 | 23.39 | |
| 7 | 3 | 15 | 4.30 | 3.67 | 1.23 | 24.13 | 4.50 | 4.33 | 1.29 | 26.09 | 4.97 | 4.97 | 1.44 | 31.37 | 5.58 | 5.58 | 1.61 | 38.33 | 6.18 | 6.18 | 1.77 | 45.15 |
| | | 17 | 6.15 | 3.70 | 1.77 | 44.78 | 6.11 | 4.32 | 1.76 | 44.29 | 6.07 | 4.93 | 1.74 | 43.77 | 6.09 | 5.54 | 1.75 | 44.10 | 6.29 | 6.17 | 1.81 | 46.66 |
| | | 19 | - | - | - | - | 8.10 | 4.35 | 2.34 | 72.95 | 8.06 | 4.97 | 2.34 | 72.69 | 8.01 | 5.57 | 2.32 | 71.92 | 7.96 | 6.17 | 2.31 | 71.15 |
| | | 20 | - | - | - | - | 9.14 | 4.36 | 2.63 | 89.58 | 9.08 | 4.98 | 2.62 | 88.62 | 9.03 | 5.58 | 2.60 | 87.66 | 8.98 | 6.18 | 2.60 | 87.67 |
| | 4 | 15 | 3.73 | 3.38 | 0.81 | 11.67 | 4.13 | 4.07 | 0.89 | 13.86 | 4.71 | 4.71 | 1.01 | 17.16 | 5.32 | 5.32 | 1.15 | 21.20 | 5.93 | 5.93 | 1.28 | 25.53 |
| | | 17 | 5.46 | 3.40 | 1.17 | 22.11 | 5.42 | 4.02 | 1.17 | 21.84 | 5.45 | 4.64 | 1.17 | 22.01 | 5.63 | 5.29 | 1.21 | 23.32 | 5.98 | 5.94 | 1.29 | 25.86 |
| | | 19 | - | - | - | - | 7.46 | 4.07 | 1.61 | 37.81 | 7.41 | 4.68 | 1.60 | 37.41 | 7.37 | 5.29 | 1.59 | 37.01 | 7.32 | 5.89 | 1.58 | 36.60 |
| | | 20 | - | - | - | - | 8.53 | 4.09 | 1.85 | 48.19 | 8.48 | 4.71 | 1.84 | 47.69 | 8.43 | 5.32 | 1.82 | 47.19 | 8.38 | 5.92 | 1.81 | 46.70 |
| | 5 | 15 | 3.23 | 3.08 | 0.56 | 5.53 | 3.77 | 3.77 | 0.65 | 7.90 | 4.42 | 4.42 | 0.76 | 10.52 | 5.06 | 5.06 | 0.87 | 13.21 | 5.68 | 5.68 | 0.98 | 16.16 |
| | | 17 | 4.63 | 3.05 | 0.80 | 11.35 | 4.65 | 3.68 | 0.80 | 11.45 | 4.87 | 4.35 | 0.84 | 12.37 | 5.21 | 5.03 | 0.90 | 13.90 | 5.69 | 5.69 | 0.98 | 16.22 |
| | | 19 | - | - | - | - | 6.74 | 3.77 | 1.16 | 21.56 | 6.70 | 4.38 | 1.15 | 21.32 | 6.65 | 4.99 | 1.14 | 21.07 | 6.68 | 5.60 | 1.15 | 21.23 |
| | | 20 | - | - | - | - | 7.85 | 3.80 | 1.36 | 28.19 | 7.80 | 4.42 | 1.35 | 27.90 | 7.75 | 5.03 | 1.34 | 27.60 | 7.71 | 5.63 | 1.33 | 27.31 |
| 6 | 15 | 2.95 | 2.87 | 0.42 | 2.69 | 3.50 | 3.49 | 0.50 | 4.27 | 4.11 | 4.11 | 0.59 | 6.42 | 4.76 | 4.76 | 0.68 | 8.69 | 5.40 | 5.40 | 0.77 | 10.79 | |
| | 17 | 3.71 | 2.67 | 0.53 | 5.00 | 3.95 | 3.35 | 0.57 | 5.85 | 4.33 | 4.05 | 0.62 | 7.23 | 4.82 | 4.75 | 0.69 | 8.88 | 5.40 | 5.40 | 0.77 | 10.81 | |
| | 19 | - | - | - | - | 5.91 | 3.42 | 0.85 | 12.54 | 5.86 | 4.03 | 0.84 | 12.38 | 5.90 | 4.66 | 0.85 | 12.52 | 6.10 | 5.32 | 0.88 | 13.32 | |
| | 20 | - | - | - | - | 7.06 | 3.48 | 1.01 | 17.01 | 7.01 | 4.09 | 1.01 | 16.82 | 6.97 | 4.70 | 1.00 | 16.63 | 6.94 | 5.31 | 1.00 | 16.52 | |

2-Pipe Duct MKT3(C) Series



(Continued)

| MKT3-700G30-CL/ MKT3-700G50-CL | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|----|--------------------|---------------------------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | |
| 9 | 3 | 15 | 3.15 | 3.07 | 0.90 | 13.97 | 3.72 | 3.72 | 1.07 | 18.61 | 4.35 | 4.35 | 1.25 | 24.28 | 4.97 | 4.97 | 1.44 | 30.92 | 5.57 | 5.57 | 1.60 | 37.19 | |
| | | 17 | 4.67 | 3.06 | 1.35 | 27.76 | 4.63 | 3.68 | 1.34 | 27.40 | 4.73 | 4.32 | 1.37 | 28.41 | 5.02 | 4.97 | 1.45 | 31.53 | 5.58 | 5.58 | 1.60 | 37.30 | |
| | | 19 | - | - | - | - | 6.64 | 3.72 | 1.93 | 51.15 | 6.60 | 4.33 | 1.91 | 50.62 | 6.56 | 4.94 | 1.90 | 50.04 | 6.52 | 5.54 | 1.89 | 49.56 | |
| | | 20 | - | - | - | - | 7.68 | 3.73 | 2.21 | 65.17 | 7.64 | 4.34 | 2.20 | 64.49 | 7.60 | 4.96 | 2.20 | 64.43 | 7.55 | 5.56 | 2.19 | 64.04 | |
| | 4 | 15 | 2.78 | 2.78 | 0.60 | 6.72 | 3.44 | 3.44 | 0.74 | 9.93 | 4.09 | 4.09 | 0.88 | 13.43 | 4.71 | 4.71 | 1.02 | 16.99 | 5.33 | 5.33 | 1.15 | 21.01 | |
| | | 17 | 3.83 | 2.72 | 0.82 | 11.87 | 3.96 | 3.38 | 0.85 | 12.56 | 4.26 | 4.06 | 0.92 | 14.28 | 4.72 | 4.72 | 1.02 | 17.06 | 5.34 | 5.34 | 1.15 | 21.07 | |
| | | 19 | - | - | - | - | 5.94 | 3.43 | 1.29 | 25.38 | 5.90 | 4.04 | 1.28 | 25.09 | 5.87 | 4.66 | 1.27 | 24.86 | 5.96 | 5.28 | 1.29 | 25.55 | |
| | | 20 | - | - | - | - | 7.00 | 3.45 | 1.51 | 33.45 | 6.96 | 4.07 | 1.50 | 33.07 | 6.91 | 4.67 | 1.49 | 32.71 | 6.87 | 5.28 | 1.48 | 32.33 | |
| | 5 | 15 | 2.52 | 2.52 | 0.43 | 2.96 | 3.14 | 3.14 | 0.54 | 5.30 | 3.79 | 3.79 | 0.65 | 7.97 | 4.44 | 4.44 | 0.76 | 10.42 | 5.07 | 5.07 | 0.87 | 13.06 | |
| | | 17 | 2.99 | 2.37 | 0.52 | 4.72 | 3.36 | 3.07 | 0.58 | 6.26 | 3.85 | 3.78 | 0.66 | 8.19 | 4.44 | 4.44 | 0.76 | 10.44 | 5.08 | 5.08 | 0.87 | 13.09 | |
| | | 19 | - | - | - | - | 5.09 | 3.09 | 0.88 | 13.12 | 5.06 | 3.71 | 0.87 | 12.99 | 5.19 | 4.36 | 0.89 | 13.56 | 5.45 | 5.02 | 0.94 | 14.82 | |
| | | 20 | - | - | - | - | 6.23 | 3.14 | 1.07 | 18.52 | 6.18 | 3.76 | 1.06 | 18.31 | 6.14 | 4.37 | 1.06 | 18.08 | 6.17 | 4.99 | 1.06 | 18.22 | |
| | 6 | 15 | 2.29 | 2.29 | 0.33 | 1.58 | 2.90 | 2.90 | 0.42 | 2.66 | 3.50 | 3.50 | 0.50 | 4.43 | 4.14 | 4.14 | 0.59 | 6.61 | 4.78 | 4.78 | 0.69 | 8.66 | |
| | | 17 | 2.56 | 2.16 | 0.37 | 1.95 | 3.00 | 2.85 | 0.43 | 2.92 | 3.51 | 3.50 | 0.50 | 4.47 | 4.14 | 4.14 | 0.59 | 6.63 | 4.79 | 4.79 | 0.69 | 8.68 | |
| | | 19 | - | - | - | - | 4.03 | 2.68 | 0.58 | 6.27 | 4.22 | 3.36 | 0.61 | 6.91 | 4.57 | 4.06 | 0.66 | 7.99 | 4.99 | 4.75 | 0.72 | 9.28 | |
| | | 20 | - | - | - | - | 5.30 | 2.78 | 0.76 | 10.27 | 5.26 | 3.40 | 0.75 | 10.12 | 5.31 | 4.04 | 0.76 | 10.28 | 5.52 | 4.70 | 0.79 | 11.00 | |
| | 11 | 3 | 15 | 2.44 | 2.44 | 0.70 | 8.84 | 3.10 | 3.10 | 0.88 | 13.21 | 3.73 | 3.73 | 1.06 | 18.16 | 4.35 | 4.35 | 1.24 | 23.66 | 4.96 | 4.96 | 1.42 | 29.65 |
| | | | 17 | 3.01 | 2.39 | 0.86 | 12.57 | 3.28 | 3.07 | 0.94 | 14.67 | 3.73 | 3.73 | 1.07 | 18.20 | 4.36 | 4.36 | 1.24 | 23.72 | 4.97 | 4.97 | 1.42 | 29.73 |
| | | | 19 | - | - | - | - | 5.04 | 3.07 | 1.44 | 30.47 | 5.00 | 3.68 | 1.43 | 30.06 | 5.02 | 4.31 | 1.43 | 30.29 | 5.21 | 4.95 | 1.49 | 32.28 |
| | | | 20 | - | - | - | - | 6.12 | 3.09 | 1.75 | 42.85 | 6.08 | 3.71 | 1.75 | 42.77 | 6.04 | 4.32 | 1.74 | 42.28 | 6.01 | 4.93 | 1.73 | 41.83 |
| | | 4 | 15 | 2.15 | 2.15 | 0.46 | 3.58 | 2.80 | 2.80 | 0.60 | 6.77 | 3.46 | 3.46 | 0.74 | 9.76 | 4.10 | 4.10 | 0.88 | 13.02 | 4.72 | 4.72 | 1.01 | 16.57 |
| | | | 17 | 2.34 | 2.08 | 0.50 | 4.49 | 2.84 | 2.79 | 0.61 | 6.97 | 3.46 | 3.46 | 0.74 | 9.78 | 4.10 | 4.10 | 0.88 | 13.05 | 4.72 | 4.72 | 1.01 | 16.61 |
| | | | 19 | - | - | - | - | 4.20 | 2.74 | 0.90 | 13.55 | 4.24 | 3.38 | 0.91 | 13.81 | 4.47 | 4.05 | 0.96 | 15.11 | 4.83 | 4.71 | 1.04 | 17.26 |
| | | | 20 | - | - | - | - | 5.33 | 2.79 | 1.14 | 20.43 | 5.30 | 3.41 | 1.13 | 20.17 | 5.27 | 4.03 | 1.13 | 19.99 | 5.38 | 4.66 | 1.15 | 20.76 |
| 5 | | 15 | 1.93 | 1.93 | 0.33 | 1.58 | 2.53 | 2.53 | 0.44 | 3.12 | 3.16 | 3.16 | 0.54 | 5.52 | 3.82 | 3.82 | 0.66 | 7.95 | 4.46 | 4.46 | 0.77 | 10.34 | |
| | | 17 | 2.01 | 1.88 | 0.35 | 1.71 | 2.54 | 2.54 | 0.44 | 3.14 | 3.16 | 3.16 | 0.54 | 5.54 | 3.82 | 3.82 | 0.66 | 7.97 | 4.47 | 4.47 | 0.77 | 10.37 | |
| | | 19 | - | - | - | - | 3.22 | 2.38 | 0.56 | 5.79 | 3.57 | 3.08 | 0.61 | 7.05 | 4.00 | 3.79 | 0.69 | 8.59 | 4.50 | 4.47 | 0.77 | 10.50 | |
| | | 20 | - | - | - | - | 4.41 | 2.44 | 0.76 | 10.11 | 4.38 | 3.07 | 0.75 | 10.02 | 4.55 | 3.73 | 0.78 | 10.70 | 4.85 | 4.40 | 0.84 | 11.92 | |
| 6 | | 15 | 1.65 | 1.65 | 0.24 | 1.05 | 2.31 | 2.31 | 0.33 | 1.58 | 2.91 | 2.91 | 0.42 | 2.80 | 3.52 | 3.52 | 0.51 | 4.64 | 4.16 | 4.16 | 0.60 | 6.65 | |
| | | 17 | 1.66 | 1.63 | 0.24 | 1.06 | 2.31 | 2.31 | 0.33 | 1.58 | 2.91 | 2.91 | 0.42 | 2.81 | 3.53 | 3.53 | 0.51 | 4.66 | 4.17 | 4.17 | 0.60 | 6.67 | |
| | | 19 | - | - | - | - | 2.67 | 2.14 | 0.38 | 2.22 | 3.08 | 2.82 | 0.44 | 3.27 | 3.58 | 3.51 | 0.51 | 4.84 | 4.17 | 4.17 | 0.60 | 6.68 | |
| | | 20 | - | - | - | - | 3.26 | 2.04 | 0.47 | 3.85 | 3.50 | 2.72 | 0.50 | 4.60 | 3.88 | 3.42 | 0.55 | 5.78 | 4.35 | 4.13 | 0.62 | 7.20 | |

(Continued)

| MKT3-700G30-CL/ MKT3-700G50-CL | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|----|--------------------|---------------------------|------|-------------------|------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 13 | 3 | 15 | 1.79 | 1.79 | 0.51 | 4.88 | 2.46 | 2.46 | 0.71 | 8.90 | 3.10 | 3.10 | 0.88 | 13.03 | 3.73 | 3.73 | 1.07 | 18.15 | 4.35 | 4.35 | 1.25 | 23.59 |
| | | 17 | 1.80 | 1.79 | 0.52 | 4.97 | 2.46 | 2.46 | 0.71 | 8.92 | 3.10 | 3.10 | 0.89 | 13.07 | 3.74 | 3.74 | 1.07 | 18.19 | 4.36 | 4.36 | 1.25 | 23.66 |
| | | 19 | - | - | - | - | 3.25 | 2.39 | 0.93 | 14.11 | 3.45 | 3.06 | 0.99 | 15.86 | 3.81 | 3.73 | 1.09 | 18.77 | 4.36 | 4.36 | 1.25 | 23.72 |
| | | 20 | - | - | - | - | 4.39 | 2.43 | 1.26 | 23.93 | 4.35 | 3.05 | 1.25 | 23.56 | 4.39 | 3.69 | 1.26 | 23.98 | 4.61 | 4.33 | 1.32 | 26.05 |
| | 4 | 15 | 1.55 | 1.55 | 0.33 | 1.60 | 2.16 | 2.16 | 0.47 | 3.82 | 2.81 | 2.81 | 0.60 | 6.78 | 3.47 | 3.47 | 0.74 | 9.66 | 4.10 | 4.10 | 0.88 | 12.84 |
| | | 17 | 1.55 | 1.55 | 0.33 | 1.60 | 2.16 | 2.16 | 0.47 | 3.84 | 2.82 | 2.82 | 0.60 | 6.80 | 3.47 | 3.47 | 0.74 | 9.68 | 4.11 | 4.11 | 0.88 | 12.88 |
| | | 19 | - | - | - | - | 2.46 | 2.07 | 0.53 | 5.20 | 2.94 | 2.79 | 0.63 | 7.29 | 3.48 | 3.48 | 0.75 | 9.73 | 4.11 | 4.11 | 0.88 | 12.91 |
| | | 20 | - | - | - | - | 3.39 | 2.08 | 0.73 | 9.26 | 3.50 | 2.74 | 0.75 | 9.78 | 3.80 | 3.42 | 0.81 | 11.28 | 4.21 | 4.09 | 0.90 | 13.42 |
| | 5 | 15 | 1.26 | 1.26 | 0.22 | 0.93 | 1.93 | 1.93 | 0.33 | 1.57 | 2.53 | 2.53 | 0.43 | 3.21 | 3.17 | 3.17 | 0.54 | 5.58 | 3.83 | 3.83 | 0.66 | 7.81 |
| | | 17 | 1.27 | 1.27 | 0.22 | 0.93 | 1.94 | 1.94 | 0.33 | 1.58 | 2.54 | 2.54 | 0.44 | 3.22 | 3.18 | 3.18 | 0.54 | 5.60 | 3.83 | 3.83 | 0.66 | 7.83 |
| | | 19 | - | - | - | - | 2.05 | 1.86 | 0.35 | 1.82 | 2.56 | 2.53 | 0.44 | 3.30 | 3.18 | 3.18 | 0.55 | 5.61 | 3.84 | 3.84 | 0.66 | 7.85 |
| | | 20 | - | - | - | - | 2.42 | 1.73 | 0.41 | 2.84 | 2.80 | 2.43 | 0.48 | 4.20 | 3.30 | 3.15 | 0.57 | 6.04 | 3.86 | 3.84 | 0.66 | 7.92 |
| | 6 | 15 | 0.95 | 0.95 | 0.14 | 0.57 | 1.66 | 1.66 | 0.24 | 1.00 | 2.31 | 2.31 | 0.33 | 1.58 | 2.91 | 2.91 | 0.42 | 2.88 | 3.53 | 3.53 | 0.51 | 4.75 |
| | | 17 | 0.95 | 0.95 | 0.14 | 0.57 | 1.66 | 1.66 | 0.24 | 1.00 | 2.32 | 2.32 | 0.33 | 1.58 | 2.91 | 2.91 | 0.42 | 2.89 | 3.54 | 3.54 | 0.51 | 4.77 |
| | | 19 | - | - | - | - | 1.69 | 1.63 | 0.24 | 1.02 | 2.32 | 2.32 | 0.33 | 1.59 | 2.92 | 2.92 | 0.42 | 2.91 | 3.54 | 3.54 | 0.51 | 4.78 |
| | | 20 | - | - | - | - | 1.91 | 1.52 | 0.27 | 1.15 | 2.44 | 2.24 | 0.35 | 1.80 | 2.95 | 2.90 | 0.42 | 2.99 | 3.54 | 3.54 | 0.51 | 4.78 |
| 15 | 3 | 15 | 1.17 | 1.17 | 0.33 | 1.59 | 1.79 | 1.79 | 0.51 | 4.91 | 2.46 | 2.46 | 0.70 | 8.67 | 3.10 | 3.10 | 0.89 | 12.86 | 3.73 | 3.73 | 1.07 | 17.87 |
| | | 17 | 1.17 | 1.17 | 0.33 | 1.60 | 1.79 | 1.79 | 0.51 | 4.93 | 2.46 | 2.46 | 0.70 | 8.69 | 3.11 | 3.11 | 0.89 | 12.90 | 3.74 | 3.74 | 1.07 | 17.92 |
| | | 19 | - | - | - | - | 1.84 | 1.78 | 0.52 | 5.19 | 2.46 | 2.45 | 0.70 | 8.68 | 3.11 | 3.11 | 0.89 | 12.93 | 3.74 | 3.74 | 1.08 | 17.97 |
| | | 20 | - | - | - | - | 2.38 | 1.73 | 0.68 | 8.15 | 2.70 | 2.42 | 0.77 | 10.12 | 3.15 | 3.11 | 0.90 | 13.18 | 3.75 | 3.74 | 1.08 | 17.99 |
| | 4 | 15 | 0.88 | 0.88 | 0.19 | 0.78 | 1.55 | 1.55 | 0.33 | 1.60 | 2.16 | 2.16 | 0.46 | 3.91 | 2.83 | 2.83 | 0.61 | 6.74 | 3.48 | 3.48 | 0.75 | 9.67 |
| | | 17 | 0.88 | 0.88 | 0.19 | 0.78 | 1.55 | 1.55 | 0.33 | 1.61 | 2.17 | 2.17 | 0.46 | 3.92 | 2.83 | 2.83 | 0.61 | 6.75 | 3.49 | 3.49 | 0.75 | 9.69 |
| | | 19 | - | - | - | - | 1.56 | 1.56 | 0.33 | 1.62 | 2.17 | 2.17 | 0.47 | 3.94 | 2.84 | 2.84 | 0.61 | 6.77 | 3.49 | 3.49 | 0.75 | 9.72 |
| | | 20 | - | - | - | - | 1.71 | 1.46 | 0.37 | 2.10 | 2.22 | 2.15 | 0.48 | 4.15 | 2.84 | 2.83 | 0.61 | 6.77 | 3.49 | 3.49 | 0.75 | 9.73 |
| | 5 | 15 | 0.54 | 0.54 | 0.09 | 0.38 | 1.28 | 1.28 | 0.22 | 0.90 | 1.94 | 1.94 | 0.33 | 1.64 | 2.55 | 2.55 | 0.44 | 3.41 | 3.20 | 3.20 | 0.55 | 5.70 |
| | | 17 | 0.54 | 0.54 | 0.09 | 0.38 | 1.29 | 1.29 | 0.22 | 0.90 | 1.94 | 1.94 | 0.33 | 1.65 | 2.55 | 2.55 | 0.44 | 3.42 | 3.20 | 3.20 | 0.55 | 5.71 |
| | | 19 | - | - | - | - | 1.29 | 1.28 | 0.22 | 0.90 | 1.95 | 1.95 | 0.34 | 1.65 | 2.55 | 2.55 | 0.44 | 3.43 | 3.21 | 3.21 | 0.55 | 5.73 |
| | | 20 | - | - | - | - | 1.33 | 1.25 | 0.23 | 0.93 | 1.95 | 1.94 | 0.34 | 1.67 | 2.55 | 2.55 | 0.44 | 3.44 | 3.21 | 3.21 | 0.55 | 5.74 |
| | 6 | 15 | - | - | - | - | 0.97 | 0.97 | 0.14 | 0.55 | 1.68 | 1.68 | 0.24 | 0.97 | 2.32 | 2.32 | 0.33 | 1.64 | 2.92 | 2.92 | 0.42 | 3.05 |
| | | 17 | - | - | - | - | 0.97 | 0.97 | 0.14 | 0.55 | 1.68 | 1.68 | 0.24 | 0.97 | 2.32 | 2.32 | 0.33 | 1.65 | 2.92 | 2.92 | 0.42 | 3.06 |
| | | 19 | - | - | - | - | 0.97 | 0.97 | 0.14 | 0.55 | 1.68 | 1.68 | 0.24 | 0.97 | 2.33 | 2.33 | 0.33 | 1.65 | 2.93 | 2.93 | 0.42 | 3.07 |
| | | 20 | - | - | - | - | 0.97 | 0.97 | 0.14 | 0.55 | 1.68 | 1.67 | 0.24 | 0.97 | 2.33 | 2.33 | 0.33 | 1.66 | 2.93 | 2.93 | 0.42 | 3.08 |

Abbreviations:

- EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

2-Pipe Duct MKT3(C) Series



Heating Capacity Table

| MKT3-700G30-CL/ MKT3-700G50-CL | | | | | | | | | | | | | |
|--------------------------------|----|---------------------------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|
| EWT | ΔT | Indoor temperature (W.B.) | | | | | | | | | | | |
| | | 16 | | | 18 | | | 20 | | | 22 | | |
| | | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD |
| °C | °C | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa |
| 40 | 8 | 6.74 | 0.73 | 8.12 | 6.00 | 0.65 | 6.65 | 5.25 | 0.57 | 5.31 | 4.51 | 0.49 | 4.09 |
| | 10 | 6.23 | 0.54 | 4.88 | 5.47 | 0.47 | 3.91 | 4.69 | 0.40 | 3.01 | 3.89 | 0.34 | 2.11 |
| | 12 | 5.64 | 0.41 | 3.05 | 4.83 | 0.35 | 2.27 | 4.06 | 0.29 | 1.48 | 3.33 | 0.24 | 0.86 |
| | 14 | 4.99 | 0.31 | 1.66 | 4.25 | 0.26 | 1.08 | 3.49 | 0.22 | 0.68 | 2.64 | 0.16 | 0.49 |
| | 16 | 4.44 | 0.24 | 0.85 | 3.64 | 0.20 | 0.61 | 2.75 | 0.15 | 0.46 | 1.74 | 0.09 | 0.30 |
| 45 | 8 | 8.56 | 0.92 | 11.95 | 7.83 | 0.84 | 10.24 | 7.10 | 0.77 | 8.64 | 6.36 | 0.69 | 7.17 |
| | 10 | 8.12 | 0.70 | 7.46 | 7.37 | 0.64 | 6.33 | 6.63 | 0.57 | 5.27 | 5.88 | 0.51 | 4.29 |
| | 12 | 7.63 | 0.55 | 4.95 | 6.86 | 0.49 | 4.14 | 6.09 | 0.44 | 3.38 | 5.30 | 0.38 | 2.68 |
| | 14 | 7.06 | 0.44 | 3.35 | 6.26 | 0.39 | 2.74 | 5.44 | 0.34 | 2.11 | 4.65 | 0.29 | 1.47 |
| | 16 | 6.41 | 0.35 | 2.24 | 5.61 | 0.30 | 1.66 | 4.84 | 0.26 | 1.13 | 4.09 | 0.22 | 0.73 |
| 50 | 8 | 10.37 | 1.12 | 16.27 | 9.63 | 1.04 | 14.31 | 8.90 | 0.96 | 12.48 | 8.17 | 0.88 | 10.76 |
| | 10 | 9.96 | 0.86 | 10.40 | 9.22 | 0.80 | 9.10 | 8.48 | 0.73 | 7.88 | 7.74 | 0.67 | 6.74 |
| | 12 | 9.51 | 0.68 | 7.03 | 8.76 | 0.63 | 6.10 | 8.01 | 0.58 | 5.23 | 7.26 | 0.52 | 4.42 |
| | 14 | 9.03 | 0.56 | 4.96 | 8.26 | 0.51 | 4.26 | 7.49 | 0.46 | 3.61 | 6.71 | 0.41 | 3.00 |
| | 16 | 8.50 | 0.46 | 3.59 | 7.70 | 0.42 | 3.04 | 6.90 | 0.37 | 2.53 | 6.08 | 0.33 | 2.02 |
| 55 | 8 | 12.16 | 1.31 | 21.17 | 11.42 | 1.23 | 18.96 | 10.68 | 1.15 | 16.88 | 9.95 | 1.08 | 14.92 |
| | 10 | 11.77 | 1.02 | 13.55 | 11.03 | 0.95 | 12.15 | 10.29 | 0.89 | 10.77 | 9.56 | 0.83 | 9.47 |
| | 12 | 11.36 | 0.82 | 9.33 | 10.61 | 0.76 | 8.29 | 9.87 | 0.71 | 7.31 | 9.12 | 0.66 | 6.39 |
| | 14 | 10.93 | 0.67 | 6.73 | 10.17 | 0.63 | 5.95 | 9.41 | 0.58 | 5.21 | 8.66 | 0.53 | 4.52 |
| | 16 | 10.44 | 0.56 | 4.97 | 9.67 | 0.52 | 4.36 | 8.90 | 0.48 | 3.78 | 8.13 | 0.44 | 3.24 |
| 60 | 8 | 13.94 | 1.50 | 26.28 | 13.21 | 1.42 | 23.86 | 12.45 | 1.34 | 21.56 | 11.72 | 1.26 | 19.38 |
| | 10 | 13.58 | 1.17 | 17.11 | 12.83 | 1.11 | 15.50 | 12.09 | 1.04 | 13.97 | 11.35 | 0.98 | 12.46 |
| | 12 | 13.20 | 0.95 | 11.88 | 12.44 | 0.90 | 10.73 | 11.70 | 0.84 | 9.64 | 10.95 | 0.79 | 8.60 |
| | 14 | 12.78 | 0.79 | 8.62 | 12.02 | 0.74 | 7.75 | 11.27 | 0.69 | 6.93 | 10.52 | 0.65 | 6.16 |
| | 16 | 12.35 | 0.67 | 6.49 | 11.58 | 0.63 | 5.81 | 10.82 | 0.58 | 5.17 | 10.06 | 0.54 | 4.57 |

Abbreviations:

Δt: Temperature Difference. (°C) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m³/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

| MKT3-800G12-CL/ MKT3-800G30-CL/ MKT3-800G50-CL | | | | | | | | | | | | | | | | | | | | | | |
|--|----|--------------------|---------------------------|------|-------------------|-------|-------|------|-------------------|--------|-------|------|-------------------|--------|-------|------|-------------------|--------|-------|------|-------------------|--------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 5 | 3 | 15 | 6.32 | 4.80 | 1.81 | 52.77 | 6.29 | 5.48 | 1.80 | 52.30 | 6.43 | 6.18 | 1.84 | 54.32 | 6.88 | 6.88 | 1.99 | 61.90 | 7.54 | 7.54 | 2.18 | 72.74 |
| | | 17 | 8.37 | 4.83 | 2.40 | 86.14 | 8.32 | 5.51 | 2.39 | 85.22 | 8.27 | 6.18 | 2.37 | 84.34 | 8.22 | 6.85 | 2.36 | 83.48 | 8.20 | 7.52 | 2.36 | 83.16 |
| | | 19 | - | - | - | - | 10.50 | 5.53 | 3.03 | 128.66 | 10.45 | 6.21 | 3.02 | 128.48 | 10.40 | 6.88 | 3.02 | 127.97 | 10.34 | 7.55 | 3.00 | 126.64 |
| | | 20 | - | - | - | - | 11.66 | 5.54 | 3.36 | 154.67 | 11.59 | 6.22 | 3.34 | 153.19 | 11.53 | 6.89 | 3.33 | 151.62 | 11.46 | 7.55 | 3.31 | 150.14 |
| | 4 | 15 | 5.60 | 4.46 | 1.20 | 25.95 | 5.71 | 5.17 | 1.22 | 26.80 | 6.02 | 5.90 | 1.29 | 29.43 | 6.60 | 6.60 | 1.42 | 34.48 | 7.27 | 7.27 | 1.56 | 40.74 |
| | | 17 | 7.71 | 4.52 | 1.66 | 45.01 | 7.66 | 5.20 | 1.65 | 44.55 | 7.62 | 5.88 | 1.64 | 44.09 | 7.59 | 6.55 | 1.63 | 43.81 | 7.71 | 7.24 | 1.65 | 45.02 |
| | | 19 | - | - | - | - | 9.87 | 5.24 | 2.12 | 69.13 | 9.81 | 5.91 | 2.11 | 68.43 | 9.76 | 6.58 | 2.10 | 67.73 | 9.70 | 7.25 | 2.08 | 67.06 |
| | | 20 | - | - | - | - | 11.04 | 5.25 | 2.37 | 84.02 | 10.97 | 5.93 | 2.36 | 83.20 | 10.91 | 6.60 | 2.35 | 82.36 | 10.85 | 7.27 | 2.33 | 81.55 |
| | 5 | 15 | 4.86 | 4.10 | 0.83 | 13.88 | 5.19 | 4.87 | 0.89 | 15.61 | 5.66 | 5.62 | 0.97 | 18.13 | 6.31 | 6.31 | 1.08 | 21.68 | 6.99 | 6.99 | 1.20 | 25.84 |
| | | 17 | 6.95 | 4.17 | 1.19 | 25.55 | 6.91 | 4.86 | 1.19 | 25.28 | 6.88 | 5.54 | 1.18 | 25.06 | 6.99 | 6.24 | 1.20 | 25.77 | 7.25 | 6.96 | 1.24 | 27.51 |
| | | 19 | - | - | - | - | 9.18 | 4.92 | 1.58 | 41.21 | 9.13 | 5.60 | 1.57 | 40.84 | 9.09 | 6.28 | 1.57 | 40.80 | 9.03 | 6.95 | 1.56 | 40.40 |
| | | 20 | - | - | - | - | 10.37 | 4.95 | 1.79 | 51.21 | 10.30 | 5.63 | 1.77 | 50.33 | 10.26 | 6.31 | 1.77 | 50.34 | 10.19 | 6.97 | 1.75 | 49.35 |
| 6 | 15 | 4.20 | 3.75 | 0.60 | 7.35 | 4.68 | 4.53 | 0.67 | 9.36 | 5.30 | 5.30 | 0.76 | 11.85 | 6.01 | 6.01 | 0.86 | 14.66 | 6.70 | 6.70 | 0.96 | 17.52 | |
| | 17 | 6.11 | 3.80 | 0.88 | 15.03 | 6.06 | 4.49 | 0.87 | 14.85 | 6.17 | 5.20 | 0.89 | 15.31 | 6.44 | 5.94 | 0.92 | 16.49 | 6.84 | 6.67 | 0.98 | 18.15 | |
| | 19 | - | - | - | - | 8.41 | 4.58 | 1.20 | 25.78 | 8.36 | 5.26 | 1.20 | 25.52 | 8.31 | 5.94 | 1.19 | 25.26 | 8.27 | 6.61 | 1.18 | 25.07 | |
| | 20 | - | - | - | - | 9.63 | 4.62 | 1.38 | 32.78 | 9.58 | 5.31 | 1.38 | 32.46 | 9.52 | 5.98 | 1.37 | 32.14 | 9.47 | 6.65 | 1.36 | 31.82 | |
| 7 | 3 | 15 | 4.81 | 4.09 | 1.39 | 32.91 | 5.01 | 4.82 | 1.45 | 35.39 | 5.52 | 5.51 | 1.58 | 41.27 | 6.20 | 6.20 | 1.79 | 51.11 | 6.87 | 6.87 | 1.98 | 60.36 |
| | | 17 | 6.85 | 4.12 | 1.97 | 60.06 | 6.81 | 4.81 | 1.96 | 59.41 | 6.77 | 5.48 | 1.95 | 58.84 | 6.78 | 6.17 | 1.95 | 59.00 | 7.00 | 6.87 | 2.02 | 62.82 |
| | | 19 | - | - | - | - | 9.02 | 4.84 | 2.62 | 98.55 | 8.96 | 5.52 | 2.61 | 97.53 | 8.91 | 6.19 | 2.59 | 96.53 | 8.86 | 6.86 | 2.57 | 95.52 |
| | | 20 | - | - | - | - | 10.19 | 4.86 | 2.96 | 122.07 | 10.12 | 5.54 | 2.95 | 120.85 | 10.06 | 6.21 | 2.93 | 119.62 | 9.98 | 6.87 | 2.89 | 116.53 |
| | 4 | 15 | 4.19 | 3.78 | 0.90 | 15.74 | 4.60 | 4.53 | 0.99 | 18.33 | 5.24 | 5.24 | 1.13 | 22.91 | 5.93 | 5.93 | 1.27 | 28.29 | 6.61 | 6.61 | 1.43 | 34.43 |
| | | 17 | 6.13 | 3.80 | 1.33 | 30.21 | 6.09 | 4.49 | 1.32 | 29.86 | 6.09 | 5.18 | 1.32 | 29.91 | 6.28 | 5.89 | 1.36 | 31.56 | 6.66 | 6.61 | 1.44 | 34.90 |
| | | 19 | - | - | - | - | 8.33 | 4.54 | 1.80 | 51.35 | 8.28 | 5.22 | 1.79 | 50.81 | 8.23 | 5.89 | 1.78 | 50.29 | 8.18 | 6.56 | 1.77 | 49.74 |
| | | 20 | - | - | - | - | 9.50 | 4.56 | 2.05 | 64.23 | 9.44 | 5.24 | 2.04 | 63.67 | 9.39 | 5.92 | 2.04 | 63.30 | 9.34 | 6.58 | 2.02 | 62.65 |
| | 5 | 15 | 3.61 | 3.43 | 0.62 | 8.04 | 4.22 | 4.21 | 0.73 | 10.80 | 4.94 | 4.94 | 0.85 | 14.08 | 5.64 | 5.64 | 0.97 | 17.65 | 6.32 | 6.32 | 1.09 | 21.48 |
| | | 17 | 5.25 | 3.43 | 0.91 | 15.67 | 5.25 | 4.13 | 0.91 | 15.67 | 5.46 | 4.87 | 0.94 | 16.77 | 5.82 | 5.61 | 1.00 | 18.64 | 6.34 | 6.33 | 1.09 | 21.57 |
| | | 19 | - | - | - | - | 7.57 | 4.21 | 1.31 | 29.40 | 7.52 | 4.90 | 1.30 | 29.08 | 7.47 | 5.57 | 1.29 | 28.76 | 7.48 | 6.25 | 1.29 | 28.82 |
| | | 20 | - | - | - | - | 8.75 | 4.24 | 1.51 | 37.49 | 8.70 | 4.92 | 1.50 | 37.10 | 8.65 | 5.60 | 1.49 | 36.72 | 8.59 | 6.27 | 1.48 | 36.34 |
| 6 | 15 | 3.26 | 3.18 | 0.47 | 3.92 | 3.88 | 3.88 | 0.56 | 6.18 | 4.60 | 4.60 | 0.66 | 9.06 | 5.32 | 5.32 | 0.76 | 11.70 | 6.03 | 6.03 | 0.86 | 14.44 | |
| | 17 | 4.19 | 2.99 | 0.60 | 7.46 | 4.45 | 3.76 | 0.64 | 8.50 | 4.88 | 4.54 | 0.70 | 10.08 | 5.40 | 5.31 | 0.77 | 11.99 | 6.03 | 6.03 | 0.86 | 14.47 | |
| | 19 | - | - | - | - | 6.68 | 3.85 | 0.96 | 17.19 | 6.63 | 4.53 | 0.95 | 16.98 | 6.64 | 5.22 | 0.95 | 17.04 | 6.82 | 5.94 | 0.98 | 17.86 | |
| | 20 | - | - | - | - | 7.94 | 3.90 | 1.14 | 23.22 | 7.89 | 4.59 | 1.14 | 22.98 | 7.83 | 5.26 | 1.13 | 22.62 | 7.79 | 5.93 | 1.12 | 22.41 | |

2-Pipe Duct MKT3(C) Series



(Continued)

| MKT3-800G12-CL/ MKT3-800G30-CL/ MKT3-800G50-CL | | | | | | | | | | | | | | | | | | | | | | | |
|--|----|--------------------|---------------------------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | |
| 9 | 3 | 15 | 3.51 | 3.42 | 1.01 | 18.69 | 4.14 | 4.14 | 1.19 | 24.82 | 4.83 | 4.83 | 1.39 | 32.38 | 5.52 | 5.52 | 1.59 | 40.68 | 6.19 | 6.19 | 1.80 | 50.37 | |
| | | 17 | 5.20 | 3.40 | 1.49 | 36.64 | 5.16 | 4.09 | 1.48 | 36.14 | 5.26 | 4.80 | 1.51 | 37.37 | 5.59 | 5.52 | 1.62 | 42.09 | 6.20 | 6.20 | 1.80 | 50.50 | |
| | | 19 | - | - | - | - | 7.38 | 4.13 | 2.13 | 67.55 | 7.34 | 4.81 | 2.11 | 66.81 | 7.29 | 5.49 | 2.10 | 66.09 | 7.25 | 6.16 | 2.09 | 65.38 | |
| | | 20 | - | - | - | - | 8.57 | 4.15 | 2.49 | 88.81 | 8.51 | 4.83 | 2.47 | 87.47 | 8.46 | 5.51 | 2.46 | 86.92 | 8.41 | 6.18 | 2.44 | 86.00 | |
| | 4 | 15 | 3.12 | 3.11 | 0.67 | 9.31 | 3.85 | 3.85 | 0.83 | 13.45 | 4.55 | 4.55 | 0.98 | 17.81 | 5.25 | 5.25 | 1.13 | 22.73 | 5.93 | 5.93 | 1.28 | 27.90 | |
| | | 17 | 4.33 | 3.05 | 0.93 | 16.25 | 4.44 | 3.77 | 0.96 | 17.01 | 4.76 | 4.52 | 1.03 | 19.25 | 5.27 | 5.26 | 1.14 | 22.97 | 5.93 | 5.93 | 1.28 | 27.95 | |
| | | 19 | - | - | - | - | 6.62 | 3.82 | 1.43 | 33.71 | 6.58 | 4.50 | 1.42 | 33.33 | 6.54 | 5.18 | 1.41 | 32.97 | 6.63 | 5.88 | 1.43 | 33.78 | |
| | | 20 | - | - | - | - | 7.83 | 3.85 | 1.70 | 45.49 | 7.78 | 4.53 | 1.69 | 45.00 | 7.73 | 5.21 | 1.68 | 44.53 | 7.68 | 5.88 | 1.66 | 44.01 | |
| | 5 | 15 | 2.79 | 2.79 | 0.48 | 4.34 | 3.50 | 3.50 | 0.60 | 7.61 | 4.24 | 4.24 | 0.73 | 10.71 | 4.96 | 4.96 | 0.86 | 14.06 | 5.65 | 5.65 | 0.97 | 17.44 | |
| | | 17 | 3.37 | 2.65 | 0.58 | 7.01 | 3.79 | 3.44 | 0.65 | 8.84 | 4.32 | 4.22 | 0.74 | 11.05 | 4.96 | 4.96 | 0.86 | 14.08 | 5.66 | 5.66 | 0.97 | 17.49 | |
| | | 19 | - | - | - | - | 5.74 | 3.46 | 0.99 | 17.89 | 5.70 | 4.15 | 0.98 | 17.67 | 5.81 | 4.86 | 1.00 | 18.28 | 6.08 | 5.59 | 1.05 | 19.77 | |
| | | 20 | - | - | - | - | 6.98 | 3.51 | 1.20 | 25.04 | 6.94 | 4.20 | 1.19 | 24.77 | 6.89 | 4.88 | 1.19 | 24.47 | 6.90 | 5.56 | 1.19 | 24.53 | |
| | 6 | 15 | 2.55 | 2.55 | 0.37 | 2.13 | 3.21 | 3.21 | 0.46 | 3.90 | 3.90 | 3.90 | 0.56 | 6.45 | 4.63 | 4.63 | 0.66 | 9.10 | 5.35 | 5.35 | 0.77 | 11.61 | |
| | | 17 | 2.84 | 2.39 | 0.41 | 2.80 | 3.32 | 3.15 | 0.48 | 4.27 | 3.92 | 3.90 | 0.56 | 6.51 | 4.64 | 4.64 | 0.67 | 9.12 | 5.36 | 5.36 | 0.77 | 11.64 | |
| | | 19 | - | - | - | - | 4.64 | 3.04 | 0.67 | 9.09 | 4.81 | 3.78 | 0.69 | 9.67 | 5.15 | 4.55 | 0.74 | 10.88 | 5.59 | 5.31 | 0.80 | 12.51 | |
| | | 20 | - | - | - | - | 6.02 | 3.14 | 0.86 | 14.14 | 5.97 | 3.82 | 0.86 | 13.95 | 5.99 | 4.52 | 0.86 | 14.04 | 6.19 | 5.25 | 0.89 | 14.87 | |
| | 11 | 3 | 15 | 2.73 | 2.73 | 0.78 | 11.83 | 3.45 | 3.45 | 0.98 | 17.63 | 4.15 | 4.15 | 1.18 | 24.22 | 4.83 | 4.83 | 1.38 | 31.53 | 5.52 | 5.52 | 1.59 | 40.14 |
| | | | 17 | 3.38 | 2.67 | 0.96 | 17.00 | 3.66 | 3.42 | 1.04 | 19.49 | 4.15 | 4.15 | 1.19 | 24.29 | 4.84 | 4.84 | 1.38 | 31.61 | 5.53 | 5.53 | 1.59 | 40.24 |
| | | | 19 | - | - | - | - | 5.64 | 3.42 | 1.62 | 41.68 | 5.60 | 4.11 | 1.61 | 41.14 | 5.61 | 4.80 | 1.61 | 41.22 | 5.79 | 5.50 | 1.66 | 43.12 |
| | | | 20 | - | - | - | - | 6.81 | 3.44 | 1.95 | 57.09 | 6.76 | 4.12 | 1.93 | 56.45 | 6.72 | 4.80 | 1.92 | 55.80 | 6.67 | 5.48 | 1.91 | 55.16 |
| 4 | | 15 | 2.39 | 2.39 | 0.51 | 5.26 | 3.13 | 3.13 | 0.67 | 9.17 | 3.86 | 3.86 | 0.83 | 13.05 | 4.56 | 4.56 | 0.98 | 17.37 | 5.25 | 5.25 | 1.13 | 22.12 | |
| | | 17 | 2.62 | 2.32 | 0.56 | 6.59 | 3.19 | 3.12 | 0.68 | 9.46 | 3.86 | 3.86 | 0.83 | 13.07 | 4.57 | 4.57 | 0.98 | 17.42 | 5.26 | 5.26 | 1.13 | 22.17 | |
| | | 19 | - | - | - | - | 4.73 | 3.07 | 1.01 | 18.44 | 4.76 | 3.78 | 1.02 | 18.63 | 4.99 | 4.51 | 1.07 | 20.27 | 5.38 | 5.24 | 1.15 | 23.07 | |
| | | 20 | - | - | - | - | 5.97 | 3.12 | 1.28 | 27.59 | 5.93 | 3.80 | 1.27 | 27.26 | 5.89 | 4.49 | 1.26 | 26.94 | 6.00 | 5.19 | 1.29 | 27.82 | |
| 5 | | 15 | 2.14 | 2.14 | 0.37 | 2.20 | 2.81 | 2.81 | 0.48 | 4.58 | 3.54 | 3.54 | 0.61 | 7.73 | 4.27 | 4.27 | 0.73 | 10.66 | 4.97 | 4.97 | 0.85 | 13.70 | |
| | | 17 | 2.22 | 2.08 | 0.38 | 2.43 | 2.82 | 2.81 | 0.48 | 4.61 | 3.54 | 3.54 | 0.61 | 7.75 | 4.27 | 4.27 | 0.74 | 10.68 | 4.97 | 4.97 | 0.85 | 13.73 | |
| | | 19 | - | - | - | - | 3.69 | 2.68 | 0.64 | 8.31 | 4.03 | 3.46 | 0.69 | 9.66 | 4.48 | 4.23 | 0.77 | 11.58 | 5.01 | 4.97 | 0.86 | 13.93 | |
| | | 20 | - | - | - | - | 4.98 | 2.74 | 0.85 | 13.70 | 4.94 | 3.44 | 0.85 | 13.53 | 5.10 | 4.16 | 0.87 | 14.31 | 5.43 | 4.91 | 0.93 | 16.03 | |
| 6 | | 15 | 1.84 | 1.84 | 0.26 | 1.30 | 2.56 | 2.56 | 0.37 | 2.20 | 3.22 | 3.22 | 0.46 | 4.11 | 3.93 | 3.93 | 0.56 | 6.58 | 4.66 | 4.66 | 0.67 | 8.99 | |
| | | 17 | 1.86 | 1.82 | 0.27 | 1.32 | 2.56 | 2.56 | 0.37 | 2.21 | 3.23 | 3.23 | 0.46 | 4.12 | 3.93 | 3.93 | 0.56 | 6.60 | 4.66 | 4.66 | 0.67 | 9.01 | |
| | | 19 | - | - | - | - | 2.95 | 2.37 | 0.42 | 3.24 | 3.43 | 3.14 | 0.49 | 4.82 | 4.00 | 3.91 | 0.57 | 6.85 | 4.67 | 4.67 | 0.67 | 9.03 | |
| | | 20 | - | - | - | - | 3.68 | 2.28 | 0.53 | 5.71 | 3.95 | 3.05 | 0.56 | 6.66 | 4.39 | 3.84 | 0.63 | 8.11 | 4.89 | 4.62 | 0.70 | 9.76 | |

(Continued)

| MKT3-800G12-CL/ MKT3-800G30-CL/ MKT3-800G50-CL | | | | | | | | | | | | | | | | | | | | | | |
|--|----|--------------------|---------------------------|------|-------------------|------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 13 | 3 | 15 | 2.00 | 2.00 | 0.57 | 6.93 | 2.74 | 2.74 | 0.79 | 11.90 | 3.46 | 3.46 | 0.99 | 17.66 | 4.15 | 4.15 | 1.19 | 24.19 | 4.83 | 4.83 | 1.38 | 31.06 |
| | | 17 | 2.02 | 2.00 | 0.58 | 7.06 | 2.75 | 2.75 | 0.79 | 11.93 | 3.46 | 3.46 | 0.99 | 17.70 | 4.16 | 4.16 | 1.20 | 24.26 | 4.84 | 4.84 | 1.38 | 31.14 |
| | | 19 | - | - | - | - | 3.67 | 2.68 | 1.06 | 19.55 | 3.86 | 3.41 | 1.11 | 21.27 | 4.24 | 4.15 | 1.22 | 25.05 | 4.84 | 4.84 | 1.38 | 31.21 |
| | | 20 | - | - | - | - | 4.89 | 2.71 | 1.40 | 31.64 | 4.84 | 3.40 | 1.38 | 31.16 | 4.88 | 4.10 | 1.39 | 31.56 | 5.12 | 4.82 | 1.46 | 34.29 |
| | 4 | 15 | 1.72 | 1.72 | 0.37 | 2.28 | 2.40 | 2.40 | 0.51 | 5.47 | 3.15 | 3.15 | 0.67 | 9.10 | 3.87 | 3.87 | 0.83 | 12.91 | 4.57 | 4.57 | 0.98 | 17.33 |
| | | 17 | 1.72 | 1.71 | 0.37 | 2.27 | 2.40 | 2.40 | 0.52 | 5.48 | 3.15 | 3.15 | 0.68 | 9.12 | 3.87 | 3.87 | 0.83 | 12.94 | 4.58 | 4.58 | 0.99 | 17.38 |
| | | 19 | - | - | - | - | 2.79 | 2.33 | 0.60 | 7.42 | 3.30 | 3.12 | 0.71 | 9.85 | 3.88 | 3.88 | 0.83 | 13.01 | 4.58 | 4.58 | 0.99 | 17.43 |
| | | 20 | - | - | - | - | 3.85 | 2.34 | 0.83 | 12.80 | 3.93 | 3.06 | 0.84 | 13.28 | 4.26 | 3.82 | 0.92 | 15.38 | 4.70 | 4.56 | 1.01 | 18.16 |
| | 5 | 15 | 1.41 | 1.41 | 0.24 | 1.15 | 2.14 | 2.14 | 0.37 | 2.24 | 2.82 | 2.82 | 0.48 | 4.71 | 3.55 | 3.55 | 0.61 | 7.64 | 4.28 | 4.28 | 0.73 | 10.46 |
| | | 17 | 1.42 | 1.42 | 0.24 | 1.15 | 2.14 | 2.14 | 0.37 | 2.25 | 2.82 | 2.82 | 0.48 | 4.73 | 3.56 | 3.56 | 0.61 | 7.66 | 4.28 | 4.28 | 0.73 | 10.48 |
| | | 19 | - | - | - | - | 2.26 | 2.05 | 0.39 | 2.64 | 2.85 | 2.81 | 0.49 | 4.85 | 3.56 | 3.56 | 0.61 | 7.67 | 4.29 | 4.29 | 0.74 | 10.51 |
| | | 20 | - | - | - | - | 2.69 | 1.93 | 0.46 | 4.23 | 3.15 | 2.72 | 0.54 | 6.13 | 3.72 | 3.52 | 0.64 | 8.24 | 4.32 | 4.28 | 0.74 | 10.62 |
| 6 | 15 | 1.07 | 1.07 | 0.15 | 0.71 | 1.85 | 1.85 | 0.27 | 1.24 | 2.56 | 2.56 | 0.37 | 2.26 | 3.23 | 3.23 | 0.46 | 4.24 | 3.95 | 3.95 | 0.57 | 6.67 | |
| | 17 | 1.07 | 1.07 | 0.15 | 0.71 | 1.85 | 1.85 | 0.27 | 1.24 | 2.56 | 2.56 | 0.37 | 2.27 | 3.23 | 3.23 | 0.46 | 4.25 | 3.96 | 3.96 | 0.57 | 6.69 | |
| | 19 | - | - | - | - | 1.90 | 1.82 | 0.27 | 1.27 | 2.57 | 2.56 | 0.37 | 2.28 | 3.24 | 3.24 | 0.46 | 4.27 | 3.97 | 3.97 | 0.57 | 6.71 | |
| | 20 | - | - | - | - | 2.15 | 1.70 | 0.31 | 1.50 | 2.70 | 2.47 | 0.39 | 2.61 | 3.28 | 3.22 | 0.47 | 4.40 | 3.97 | 3.96 | 0.57 | 6.71 | |
| 15 | 3 | 15 | 1.29 | 1.29 | 0.37 | 2.30 | 2.01 | 2.01 | 0.57 | 6.82 | 2.74 | 2.74 | 0.78 | 11.59 | 3.46 | 3.46 | 0.99 | 17.41 | 4.14 | 4.14 | 1.18 | 23.48 |
| | | 17 | 1.29 | 1.29 | 0.37 | 2.30 | 2.01 | 2.01 | 0.57 | 6.83 | 2.75 | 2.75 | 0.78 | 11.61 | 3.46 | 3.46 | 1.00 | 17.46 | 4.15 | 4.15 | 1.18 | 23.54 |
| | | 19 | - | - | - | - | 2.07 | 2.00 | 0.59 | 7.17 | 2.75 | 2.74 | 0.78 | 11.60 | 3.47 | 3.47 | 1.00 | 17.51 | 4.16 | 4.16 | 1.19 | 23.61 |
| | | 20 | - | - | - | - | 2.69 | 1.94 | 0.77 | 11.17 | 3.02 | 2.70 | 0.86 | 13.62 | 3.51 | 3.46 | 1.01 | 17.87 | 4.16 | 4.16 | 1.19 | 23.63 |
| | 4 | 15 | 0.99 | 0.99 | 0.21 | 0.96 | 1.71 | 1.71 | 0.37 | 2.32 | 2.42 | 2.42 | 0.52 | 5.63 | 3.16 | 3.16 | 0.68 | 9.03 | 3.88 | 3.88 | 0.84 | 12.91 |
| | | 17 | 0.99 | 0.99 | 0.21 | 0.97 | 1.72 | 1.72 | 0.37 | 2.33 | 2.42 | 2.42 | 0.52 | 5.64 | 3.17 | 3.17 | 0.68 | 9.05 | 3.88 | 3.88 | 0.84 | 12.94 |
| | | 19 | - | - | - | - | 1.72 | 1.72 | 0.37 | 2.34 | 2.42 | 2.42 | 0.52 | 5.66 | 3.17 | 3.17 | 0.68 | 9.09 | 3.89 | 3.89 | 0.84 | 12.98 |
| | | 20 | - | - | - | - | 1.89 | 1.62 | 0.41 | 3.06 | 2.49 | 2.40 | 0.53 | 5.96 | 3.17 | 3.17 | 0.68 | 9.09 | 3.89 | 3.89 | 0.84 | 12.99 |
| | 5 | 15 | 0.62 | 0.62 | 0.11 | 0.47 | 1.44 | 1.44 | 0.25 | 1.12 | 2.14 | 2.14 | 0.37 | 2.38 | 2.84 | 2.84 | 0.49 | 4.96 | 3.58 | 3.58 | 0.62 | 7.67 |
| | | 17 | 0.62 | 0.62 | 0.11 | 0.47 | 1.44 | 1.44 | 0.25 | 1.12 | 2.15 | 2.15 | 0.37 | 2.39 | 2.84 | 2.84 | 0.49 | 4.97 | 3.58 | 3.58 | 0.62 | 7.69 |
| | | 19 | - | - | - | - | 1.44 | 1.43 | 0.25 | 1.12 | 2.15 | 2.15 | 0.37 | 2.39 | 2.84 | 2.84 | 0.49 | 4.99 | 3.59 | 3.59 | 0.62 | 7.71 |
| | | 20 | - | - | - | - | 1.49 | 1.39 | 0.26 | 1.16 | 2.16 | 2.14 | 0.37 | 2.42 | 2.85 | 2.85 | 0.49 | 5.00 | 3.59 | 3.59 | 0.62 | 7.72 |
| 6 | 15 | - | - | - | - | 1.09 | 1.09 | 0.16 | 0.69 | 1.87 | 1.87 | 0.27 | 1.21 | 2.56 | 2.56 | 0.37 | 2.39 | 3.25 | 3.25 | 0.47 | 4.46 | |
| | 17 | - | - | - | - | 1.09 | 1.09 | 0.16 | 0.69 | 1.87 | 1.87 | 0.27 | 1.21 | 2.57 | 2.57 | 0.37 | 2.39 | 3.25 | 3.25 | 0.47 | 4.48 | |
| | 19 | - | - | - | - | 1.09 | 1.09 | 0.16 | 0.69 | 1.88 | 1.88 | 0.27 | 1.21 | 2.57 | 2.57 | 0.37 | 2.40 | 3.26 | 3.26 | 0.47 | 4.49 | |
| | 20 | - | - | - | - | 1.09 | 1.09 | 0.16 | 0.69 | 1.88 | 1.87 | 0.27 | 1.21 | 2.57 | 2.57 | 0.37 | 2.41 | 3.26 | 3.26 | 0.47 | 4.50 | |

Abbreviations:

- EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

2-Pipe Duct MKT3(C) Series



Heating Capacity Table

| MKT3-800G12-CL/ MKT3-800G30-CL/ MKT3-800G50-CL | | | | | | | | | | | | | |
|--|----|---------------------------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|
| EWT | ΔT | Indoor temperature (W.B.) | | | | | | | | | | | |
| | | 16 | | | 18 | | | 20 | | | 22 | | |
| | | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD |
| °C | °C | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa |
| 40 | 8 | 7.69 | 0.83 | 11.35 | 6.84 | 0.74 | 9.32 | 6.01 | 0.65 | 7.41 | 5.17 | 0.56 | 5.73 |
| | 10 | 7.14 | 0.62 | 6.82 | 6.27 | 0.54 | 5.48 | 5.40 | 0.47 | 4.25 | 4.50 | 0.39 | 3.12 |
| | 12 | 6.51 | 0.47 | 4.32 | 5.60 | 0.40 | 3.35 | 4.67 | 0.34 | 2.34 | 3.80 | 0.27 | 1.37 |
| | 14 | 5.76 | 0.36 | 2.62 | 4.86 | 0.30 | 1.72 | 4.01 | 0.25 | 1.02 | 3.08 | 0.19 | 0.64 |
| | 16 | 5.09 | 0.27 | 1.33 | 4.21 | 0.23 | 0.84 | 3.22 | 0.17 | 0.60 | 2.08 | 0.11 | 0.39 |
| 45 | 8 | 9.74 | 1.05 | 16.58 | 8.91 | 0.96 | 14.29 | 8.08 | 0.87 | 12.01 | 7.25 | 0.78 | 9.97 |
| | 10 | 9.25 | 0.80 | 10.38 | 8.41 | 0.73 | 8.81 | 7.57 | 0.65 | 7.35 | 6.72 | 0.58 | 6.00 |
| | 12 | 8.72 | 0.63 | 6.91 | 7.86 | 0.57 | 5.79 | 6.99 | 0.50 | 4.75 | 6.11 | 0.44 | 3.78 |
| | 14 | 8.11 | 0.50 | 4.71 | 7.22 | 0.44 | 3.87 | 6.30 | 0.39 | 3.08 | 5.37 | 0.33 | 2.28 |
| | 16 | 7.42 | 0.40 | 3.26 | 6.48 | 0.35 | 2.54 | 5.55 | 0.30 | 1.80 | 4.68 | 0.25 | 1.14 |
| 50 | 8 | 11.78 | 1.27 | 22.67 | 10.94 | 1.18 | 19.85 | 10.11 | 1.09 | 17.31 | 9.29 | 1.00 | 14.94 |
| | 10 | 11.33 | 0.98 | 14.43 | 10.49 | 0.91 | 12.63 | 9.65 | 0.83 | 10.94 | 8.82 | 0.76 | 9.37 |
| | 12 | 10.84 | 0.78 | 9.77 | 9.99 | 0.72 | 8.49 | 9.14 | 0.66 | 7.29 | 8.27 | 0.60 | 6.17 |
| | 14 | 10.31 | 0.64 | 6.91 | 9.44 | 0.58 | 5.95 | 8.58 | 0.53 | 5.05 | 7.70 | 0.47 | 4.21 |
| | 16 | 9.73 | 0.52 | 5.01 | 8.84 | 0.48 | 4.26 | 7.95 | 0.43 | 3.57 | 7.03 | 0.38 | 2.90 |
| 55 | 8 | 13.80 | 1.49 | 29.20 | 12.96 | 1.40 | 26.16 | 12.13 | 1.31 | 23.29 | 11.31 | 1.22 | 20.70 |
| | 10 | 13.38 | 1.15 | 18.80 | 12.53 | 1.08 | 16.78 | 11.69 | 1.01 | 14.88 | 10.87 | 0.94 | 13.13 |
| | 12 | 12.92 | 0.93 | 12.95 | 12.07 | 0.87 | 11.51 | 11.23 | 0.81 | 10.16 | 10.39 | 0.75 | 8.88 |
| | 14 | 12.44 | 0.77 | 9.36 | 11.59 | 0.71 | 8.28 | 10.73 | 0.66 | 7.26 | 9.88 | 0.61 | 6.30 |
| | 16 | 11.92 | 0.64 | 6.94 | 11.05 | 0.60 | 6.10 | 10.18 | 0.55 | 5.28 | 9.31 | 0.50 | 4.54 |
| 60 | 8 | 15.82 | 1.71 | 36.54 | 14.98 | 1.62 | 33.26 | 14.14 | 1.52 | 29.97 | 13.30 | 1.43 | 26.88 |
| | 10 | 15.42 | 1.33 | 23.73 | 14.57 | 1.26 | 21.49 | 13.73 | 1.19 | 19.37 | 12.90 | 1.11 | 17.36 |
| | 12 | 14.99 | 1.08 | 16.48 | 14.14 | 1.02 | 14.89 | 13.29 | 0.96 | 13.37 | 12.46 | 0.90 | 11.94 |
| | 14 | 14.53 | 0.90 | 11.96 | 13.67 | 0.84 | 10.76 | 12.83 | 0.79 | 9.63 | 11.98 | 0.74 | 8.56 |
| | 16 | 14.05 | 0.76 | 9.01 | 13.19 | 0.71 | 8.08 | 12.33 | 0.67 | 7.20 | 11.46 | 0.62 | 6.36 |

Abbreviations:

Δt: Temperature Difference. (°C) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m³/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

| MKT3-1000G12-CL | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|----|--------------------|---------------------------|------|-------------------|-------|-------|------|-------------------|--------|-------|------|-------------------|--------|-------|------|-------------------|--------|-------|------|-------------------|--------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 5 | 3 | 15 | 7.16 | 5.49 | 2.07 | 49.29 | 7.13 | 6.28 | 2.06 | 48.94 | 7.33 | 7.10 | 2.10 | 50.87 | 7.90 | 7.90 | 2.26 | 57.73 | 8.67 | 8.67 | 2.49 | 67.98 |
| | | 17 | 9.52 | 5.51 | 2.73 | 79.97 | 9.47 | 6.30 | 2.72 | 79.18 | 9.41 | 7.09 | 2.70 | 78.39 | 9.36 | 7.87 | 2.69 | 77.74 | 9.36 | 8.64 | 2.69 | 77.84 |
| | | 19 | - | - | - | - | 12.01 | 6.33 | 3.47 | 121.27 | 11.93 | 7.12 | 3.44 | 119.17 | 11.87 | 7.90 | 3.42 | 118.00 | 11.81 | 8.67 | 3.41 | 117.90 |
| | | 20 | - | - | - | - | 13.34 | 6.34 | 3.85 | 145.39 | 13.28 | 7.13 | 3.84 | 144.63 | 13.21 | 7.92 | 3.84 | 144.65 | 13.13 | 8.69 | 3.80 | 142.12 |
| | 4 | 15 | 6.24 | 5.06 | 1.34 | 23.26 | 6.41 | 5.89 | 1.37 | 24.39 | 6.83 | 6.74 | 1.47 | 27.24 | 7.55 | 7.55 | 1.62 | 32.35 | 8.33 | 8.33 | 1.79 | 38.34 |
| | | 17 | 8.68 | 5.12 | 1.86 | 41.11 | 8.63 | 5.92 | 1.85 | 40.70 | 8.58 | 6.70 | 1.84 | 40.29 | 8.57 | 7.49 | 1.84 | 40.18 | 8.75 | 8.30 | 1.88 | 41.70 |
| | | 19 | - | - | - | - | 11.21 | 5.96 | 2.42 | 64.67 | 11.15 | 6.75 | 2.41 | 64.04 | 11.09 | 7.53 | 2.40 | 63.43 | 11.03 | 8.31 | 2.38 | 62.83 |
| | | 20 | - | - | - | - | 12.54 | 5.97 | 2.70 | 77.97 | 12.48 | 6.76 | 2.68 | 77.23 | 12.41 | 7.55 | 2.67 | 76.76 | 12.36 | 8.33 | 2.67 | 76.68 |
| | 5 | 15 | 5.34 | 4.62 | 0.92 | 12.18 | 5.77 | 5.50 | 0.99 | 13.89 | 6.40 | 6.38 | 1.10 | 16.68 | 7.19 | 7.19 | 1.24 | 20.37 | 7.98 | 7.98 | 1.37 | 24.14 |
| | | 17 | 7.73 | 4.69 | 1.33 | 22.82 | 7.68 | 5.49 | 1.32 | 22.59 | 7.66 | 6.28 | 1.31 | 22.48 | 7.84 | 7.11 | 1.34 | 23.40 | 8.20 | 7.95 | 1.41 | 25.33 |
| | | 19 | - | - | - | - | 10.34 | 5.57 | 1.78 | 37.92 | 10.28 | 6.36 | 1.77 | 37.56 | 10.22 | 7.14 | 1.76 | 37.20 | 10.16 | 7.92 | 1.75 | 36.84 |
| | | 20 | - | - | - | - | 11.69 | 5.59 | 2.01 | 46.59 | 11.63 | 6.38 | 2.00 | 46.15 | 11.56 | 7.17 | 1.99 | 45.71 | 11.50 | 7.94 | 1.98 | 45.28 |
| 6 | 15 | 4.60 | 4.20 | 0.66 | 6.16 | 5.19 | 5.09 | 0.74 | 8.24 | 5.97 | 5.96 | 0.85 | 10.78 | 6.80 | 6.80 | 0.98 | 13.52 | 7.61 | 7.61 | 1.09 | 16.37 | |
| | 17 | 6.65 | 4.22 | 0.95 | 12.98 | 6.62 | 5.02 | 0.95 | 12.87 | 6.81 | 5.87 | 0.98 | 13.52 | 7.19 | 6.74 | 1.03 | 14.83 | 7.71 | 7.59 | 1.10 | 16.62 | |
| | 19 | - | - | - | - | 9.35 | 5.14 | 1.34 | 23.05 | 9.29 | 5.93 | 1.33 | 22.82 | 9.24 | 6.71 | 1.32 | 22.59 | 9.22 | 7.50 | 1.32 | 22.51 | |
| | 20 | - | - | - | - | 10.77 | 5.18 | 1.55 | 29.59 | 10.71 | 5.98 | 1.54 | 29.31 | 10.65 | 6.77 | 1.53 | 29.03 | 10.57 | 7.54 | 1.51 | 28.48 | |
| 7 | 3 | 15 | 5.40 | 4.67 | 1.56 | 29.90 | 5.68 | 5.51 | 1.64 | 32.71 | 6.33 | 6.33 | 1.83 | 39.42 | 7.11 | 7.11 | 2.04 | 47.66 | 7.90 | 7.90 | 2.28 | 57.52 |
| | | 17 | 7.75 | 4.69 | 2.23 | 55.28 | 7.70 | 5.49 | 2.22 | 54.71 | 7.65 | 6.28 | 2.20 | 54.08 | 7.70 | 7.08 | 2.21 | 54.69 | 8.00 | 7.89 | 2.31 | 58.66 |
| | | 19 | - | - | - | - | 10.25 | 5.52 | 2.96 | 90.27 | 10.19 | 6.31 | 2.94 | 89.35 | 10.13 | 7.10 | 2.92 | 88.45 | 10.08 | 7.87 | 2.91 | 87.60 |
| | | 20 | - | - | - | - | 11.60 | 5.54 | 3.35 | 112.23 | 11.53 | 6.33 | 3.33 | 111.40 | 11.48 | 7.12 | 3.34 | 111.44 | 11.40 | 7.89 | 3.29 | 108.96 |
| | 4 | 15 | 4.65 | 4.27 | 1.01 | 14.07 | 5.19 | 5.15 | 1.12 | 16.82 | 5.97 | 5.97 | 1.28 | 21.36 | 6.77 | 6.77 | 1.46 | 26.49 | 7.56 | 7.56 | 1.64 | 32.36 |
| | | 17 | 6.82 | 4.29 | 1.47 | 26.79 | 6.77 | 5.09 | 1.46 | 26.48 | 6.82 | 5.90 | 1.47 | 26.77 | 7.10 | 6.74 | 1.54 | 29.02 | 7.60 | 7.57 | 1.64 | 32.62 |
| | | 19 | - | - | - | - | 9.40 | 5.15 | 2.04 | 47.08 | 9.34 | 5.94 | 2.02 | 46.60 | 9.29 | 6.73 | 2.01 | 46.13 | 9.23 | 7.51 | 2.00 | 45.63 |
| | | 20 | - | - | - | - | 10.76 | 5.17 | 2.33 | 59.56 | 10.68 | 5.96 | 2.30 | 58.26 | 10.62 | 6.75 | 2.29 | 57.69 | 10.56 | 7.52 | 2.28 | 57.12 |
| | 5 | 15 | 3.99 | 3.85 | 0.69 | 6.96 | 4.74 | 4.74 | 0.82 | 9.84 | 5.59 | 5.59 | 0.96 | 12.98 | 6.41 | 6.41 | 1.10 | 16.45 | 7.21 | 7.21 | 1.24 | 20.03 |
| | | 17 | 5.72 | 3.83 | 0.98 | 13.49 | 5.76 | 4.65 | 0.99 | 13.66 | 6.07 | 5.52 | 1.05 | 14.97 | 6.56 | 6.38 | 1.13 | 17.11 | 7.21 | 7.21 | 1.24 | 20.07 |
| | | 19 | - | - | - | - | 8.42 | 4.74 | 1.45 | 26.12 | 8.37 | 5.53 | 1.44 | 25.83 | 8.31 | 6.32 | 1.43 | 25.54 | 8.36 | 7.12 | 1.44 | 25.82 |
| | | 20 | - | - | - | - | 9.81 | 4.77 | 1.69 | 34.00 | 9.75 | 5.57 | 1.68 | 33.64 | 9.70 | 6.36 | 1.67 | 33.31 | 9.64 | 7.14 | 1.66 | 32.98 |
| 6 | 15 | 3.60 | 3.55 | 0.52 | 3.35 | 4.33 | 4.33 | 0.62 | 5.48 | 5.16 | 5.16 | 0.74 | 8.20 | 6.01 | 6.01 | 0.86 | 10.74 | 6.84 | 6.84 | 0.98 | 13.46 | |
| | 17 | 4.47 | 3.31 | 0.64 | 5.94 | 4.83 | 4.20 | 0.69 | 7.14 | 5.39 | 5.11 | 0.77 | 8.89 | 6.06 | 6.00 | 0.87 | 10.88 | 6.85 | 6.85 | 0.99 | 13.49 | |
| | 19 | - | - | - | - | 7.30 | 4.28 | 1.05 | 14.92 | 7.25 | 5.08 | 1.04 | 14.74 | 7.32 | 5.89 | 1.05 | 14.98 | 7.59 | 6.74 | 1.09 | 15.95 | |
| | 20 | - | - | - | - | 8.78 | 4.35 | 1.26 | 20.49 | 8.73 | 5.15 | 1.25 | 20.28 | 8.67 | 5.94 | 1.25 | 20.07 | 8.64 | 6.73 | 1.24 | 19.95 | |

2-Pipe Duct MKT3(C) Series



(Continued)

| MKT3-1000G12-CL | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|----|--------------------|---------------------------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | |
| 9 | 3 | 15 | 3.96 | 3.90 | 1.14 | 17.24 | 4.73 | 4.73 | 1.36 | 23.18 | 5.54 | 5.54 | 1.60 | 30.84 | 6.32 | 6.32 | 1.82 | 38.32 | 7.12 | 7.12 | 2.06 | 47.62 | |
| | | 17 | 5.82 | 3.86 | 1.67 | 33.17 | 5.78 | 4.67 | 1.66 | 32.76 | 5.94 | 5.49 | 1.71 | 34.34 | 6.37 | 6.33 | 1.83 | 38.79 | 7.13 | 7.13 | 2.06 | 47.74 | |
| | | 19 | - | - | - | - | 8.37 | 4.71 | 2.42 | 62.77 | 8.33 | 5.51 | 2.42 | 62.67 | 8.28 | 6.30 | 2.40 | 62.02 | 8.22 | 7.07 | 2.37 | 60.45 | |
| | | 20 | - | - | - | - | 9.72 | 4.72 | 2.80 | 81.05 | 9.66 | 5.52 | 2.79 | 80.22 | 9.60 | 6.31 | 2.77 | 79.41 | 9.54 | 7.09 | 2.75 | 78.56 | |
| | 4 | 15 | 3.49 | 3.49 | 0.75 | 8.43 | 4.35 | 4.35 | 0.94 | 12.24 | 5.17 | 5.17 | 1.11 | 16.50 | 5.98 | 5.98 | 1.29 | 21.22 | 6.78 | 6.78 | 1.47 | 26.44 | |
| | | 17 | 4.73 | 3.42 | 1.02 | 14.12 | 4.92 | 4.27 | 1.06 | 15.08 | 5.35 | 5.15 | 1.15 | 17.51 | 5.99 | 5.99 | 1.29 | 21.27 | 6.79 | 6.79 | 1.47 | 26.51 | |
| | | 19 | - | - | - | - | 7.40 | 4.31 | 1.59 | 30.41 | 7.36 | 5.11 | 1.58 | 30.08 | 7.32 | 5.91 | 1.58 | 29.83 | 7.47 | 6.72 | 1.61 | 30.90 | |
| | | 20 | - | - | - | - | 8.81 | 4.35 | 1.91 | 41.48 | 8.76 | 5.15 | 1.90 | 41.05 | 8.70 | 5.94 | 1.89 | 40.61 | 8.62 | 6.71 | 1.86 | 39.62 | |
| | 5 | 15 | 3.11 | 3.11 | 0.54 | 3.79 | 3.92 | 3.92 | 0.68 | 6.82 | 4.78 | 4.78 | 0.82 | 9.82 | 5.61 | 5.61 | 0.97 | 12.89 | 6.42 | 6.42 | 1.11 | 16.22 | |
| | | 17 | 3.62 | 2.95 | 0.62 | 5.67 | 4.16 | 3.87 | 0.72 | 7.68 | 4.83 | 4.78 | 0.83 | 9.99 | 5.62 | 5.62 | 0.97 | 12.91 | 6.43 | 6.43 | 1.11 | 16.26 | |
| | | 19 | - | - | - | - | 6.29 | 3.88 | 1.08 | 15.62 | 6.26 | 4.68 | 1.08 | 15.48 | 6.45 | 5.52 | 1.11 | 16.31 | 6.82 | 6.37 | 1.17 | 17.95 | |
| | | 20 | - | - | - | - | 7.74 | 3.93 | 1.33 | 22.29 | 7.69 | 4.73 | 1.33 | 22.05 | 7.64 | 5.52 | 1.32 | 21.78 | 7.69 | 6.33 | 1.32 | 22.03 | |
| | 6 | 15 | 2.82 | 2.82 | 0.40 | 1.86 | 3.57 | 3.57 | 0.51 | 3.40 | 4.36 | 4.36 | 0.63 | 5.74 | 5.21 | 5.21 | 0.75 | 8.29 | 6.05 | 6.05 | 0.87 | 10.69 | |
| | | 17 | 3.07 | 2.67 | 0.44 | 2.28 | 3.65 | 3.53 | 0.52 | 3.61 | 4.37 | 4.37 | 0.63 | 5.76 | 5.22 | 5.22 | 0.75 | 8.31 | 6.06 | 6.06 | 0.87 | 10.71 | |
| | | 19 | - | - | - | - | 4.90 | 3.35 | 0.70 | 7.40 | 5.19 | 4.23 | 0.75 | 8.23 | 5.67 | 5.13 | 0.81 | 9.57 | 6.24 | 6.02 | 0.90 | 11.27 | |
| | | 20 | - | - | - | - | 6.52 | 3.46 | 0.94 | 12.12 | 6.47 | 4.26 | 0.93 | 11.95 | 6.55 | 5.09 | 0.94 | 12.20 | 6.85 | 5.95 | 0.98 | 13.18 | |
| | 11 | 3 | 15 | 3.08 | 3.08 | 0.88 | 10.87 | 3.92 | 3.92 | 1.12 | 16.37 | 4.74 | 4.74 | 1.35 | 22.66 | 5.54 | 5.54 | 1.58 | 29.64 | 6.33 | 6.33 | 1.81 | 37.60 |
| | | | 17 | 3.73 | 3.02 | 1.07 | 15.14 | 4.10 | 3.89 | 1.17 | 17.70 | 4.74 | 4.73 | 1.35 | 22.67 | 5.54 | 5.54 | 1.58 | 29.71 | 6.34 | 6.34 | 1.82 | 37.96 |
| | | | 19 | - | - | - | - | 6.32 | 3.88 | 1.81 | 37.51 | 6.28 | 4.68 | 1.80 | 37.03 | 6.31 | 5.49 | 1.81 | 37.41 | 6.59 | 6.32 | 1.90 | 40.63 |
| | | | 20 | - | - | - | - | 7.70 | 3.91 | 2.22 | 53.24 | 7.66 | 4.71 | 2.21 | 52.66 | 7.61 | 5.50 | 2.19 | 52.08 | 7.56 | 6.29 | 2.18 | 51.53 |
| | | 4 | 15 | 2.66 | 2.66 | 0.57 | 4.63 | 3.52 | 3.52 | 0.75 | 8.36 | 4.37 | 4.37 | 0.94 | 12.05 | 5.19 | 5.19 | 1.11 | 16.16 | 5.99 | 5.99 | 1.28 | 20.68 |
| | | | 17 | 2.85 | 2.59 | 0.61 | 5.51 | 3.56 | 3.52 | 0.76 | 8.50 | 4.37 | 4.37 | 0.94 | 12.08 | 5.20 | 5.20 | 1.11 | 16.20 | 6.00 | 6.00 | 1.29 | 20.73 |
| | | | 19 | - | - | - | - | 5.19 | 3.45 | 1.11 | 16.12 | 5.26 | 4.28 | 1.13 | 16.52 | 5.59 | 5.14 | 1.20 | 18.35 | 6.10 | 5.99 | 1.31 | 21.30 |
| | | | 20 | - | - | - | - | 6.64 | 3.50 | 1.42 | 24.63 | 6.59 | 4.31 | 1.41 | 24.34 | 6.56 | 5.11 | 1.41 | 24.13 | 6.73 | 5.93 | 1.44 | 25.25 |
| 5 | | 15 | 2.37 | 2.37 | 0.41 | 1.91 | 3.13 | 3.13 | 0.54 | 4.02 | 3.97 | 3.97 | 0.68 | 7.00 | 4.82 | 4.82 | 0.83 | 9.79 | 5.64 | 5.64 | 0.97 | 12.69 | |
| | | 17 | 2.43 | 2.32 | 0.42 | 2.04 | 3.13 | 3.13 | 0.54 | 4.02 | 3.97 | 3.97 | 0.68 | 7.02 | 4.83 | 4.83 | 0.83 | 9.81 | 5.64 | 5.64 | 0.97 | 12.72 | |
| | | 19 | - | - | - | - | 3.93 | 2.97 | 0.68 | 6.86 | 4.41 | 3.89 | 0.76 | 8.40 | 4.99 | 4.79 | 0.86 | 10.40 | 5.66 | 5.65 | 0.97 | 12.80 | |
| | | 20 | - | - | - | - | 5.41 | 3.05 | 0.93 | 11.90 | 5.39 | 3.86 | 0.93 | 11.81 | 5.62 | 4.71 | 0.96 | 12.59 | 6.04 | 5.58 | 1.04 | 14.26 | |
| 6 | | 15 | 2.01 | 2.01 | 0.29 | 1.16 | 2.84 | 2.84 | 0.41 | 1.91 | 3.59 | 3.59 | 0.52 | 3.59 | 4.39 | 4.39 | 0.63 | 5.90 | 5.25 | 5.25 | 0.75 | 8.22 | |
| | | 17 | 2.01 | 2.00 | 0.29 | 1.17 | 2.84 | 2.84 | 0.41 | 1.92 | 3.60 | 3.60 | 0.52 | 3.61 | 4.40 | 4.40 | 0.63 | 5.92 | 5.26 | 5.26 | 0.75 | 8.24 | |
| | | 19 | - | - | - | - | 3.18 | 2.64 | 0.46 | 2.60 | 3.75 | 3.52 | 0.54 | 4.03 | 4.44 | 4.39 | 0.63 | 6.03 | 5.26 | 5.26 | 0.75 | 8.26 | |
| | | 20 | - | - | - | - | 3.87 | 2.51 | 0.56 | 4.42 | 4.22 | 3.39 | 0.60 | 5.40 | 4.79 | 4.31 | 0.68 | 7.00 | 5.43 | 5.22 | 0.78 | 8.71 | |

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| MKT3-1000G12-CL | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|----|--------------------|---------------------------|------|-------------------|------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 13 | 3 | 15 | 2.24 | 2.24 | 0.64 | 6.22 | 3.10 | 3.10 | 0.89 | 10.97 | 3.93 | 3.93 | 1.13 | 16.43 | 4.74 | 4.74 | 1.36 | 22.67 | 5.53 | 5.53 | 1.58 | 29.21 |
| | | 17 | 2.24 | 2.24 | 0.64 | 6.26 | 3.11 | 3.11 | 0.89 | 10.99 | 3.94 | 3.94 | 1.13 | 16.47 | 4.75 | 4.75 | 1.37 | 22.72 | 5.54 | 5.54 | 1.58 | 29.29 |
| | | 19 | - | - | - | - | 4.04 | 3.03 | 1.16 | 17.21 | 4.31 | 3.89 | 1.24 | 19.21 | 4.81 | 4.75 | 1.38 | 23.20 | 5.55 | 5.55 | 1.59 | 29.37 |
| | | 20 | - | - | - | - | 5.44 | 3.06 | 1.55 | 28.35 | 5.39 | 3.86 | 1.54 | 27.91 | 5.47 | 4.68 | 1.56 | 28.62 | 5.79 | 5.52 | 1.66 | 31.64 |
| | 4 | 15 | 1.90 | 1.90 | 0.41 | 1.97 | 2.69 | 2.69 | 0.58 | 4.93 | 3.55 | 3.55 | 0.76 | 8.33 | 4.38 | 4.38 | 0.94 | 11.94 | 5.21 | 5.21 | 1.12 | 16.16 |
| | | 17 | 1.90 | 1.90 | 0.41 | 1.97 | 2.69 | 2.69 | 0.58 | 4.95 | 3.55 | 3.55 | 0.76 | 8.34 | 4.39 | 4.39 | 0.94 | 11.97 | 5.21 | 5.21 | 1.12 | 16.20 |
| | | 19 | - | - | - | - | 3.01 | 2.60 | 0.65 | 6.27 | 3.66 | 3.53 | 0.79 | 8.80 | 4.40 | 4.39 | 0.94 | 11.99 | 5.22 | 5.22 | 1.12 | 16.24 |
| | | 20 | - | - | - | - | 4.15 | 2.60 | 0.89 | 10.84 | 4.31 | 3.46 | 0.92 | 11.57 | 4.73 | 4.33 | 1.01 | 13.60 | 5.30 | 5.21 | 1.14 | 16.68 |
| | 5 | 15 | 1.54 | 1.54 | 0.26 | 1.02 | 2.37 | 2.37 | 0.41 | 1.94 | 3.14 | 3.14 | 0.54 | 4.15 | 3.99 | 3.99 | 0.68 | 6.95 | 4.84 | 4.84 | 0.83 | 9.63 |
| | | 17 | 1.54 | 1.54 | 0.26 | 1.03 | 2.37 | 2.37 | 0.41 | 1.95 | 3.14 | 3.14 | 0.54 | 4.16 | 4.00 | 4.00 | 0.69 | 6.97 | 4.84 | 4.84 | 0.83 | 9.65 |
| | | 19 | - | - | - | - | 2.47 | 2.30 | 0.42 | 2.18 | 3.15 | 3.14 | 0.54 | 4.20 | 4.00 | 4.00 | 0.69 | 6.99 | 4.85 | 4.85 | 0.83 | 9.68 |
| | | 20 | - | - | - | - | 2.87 | 2.14 | 0.49 | 3.28 | 3.41 | 3.05 | 0.59 | 5.11 | 4.11 | 3.97 | 0.71 | 7.32 | 4.86 | 4.85 | 0.83 | 9.71 |
| 6 | 15 | 1.13 | 1.13 | 0.16 | 0.61 | 2.02 | 2.02 | 0.29 | 1.11 | 2.84 | 2.84 | 0.41 | 1.96 | 3.60 | 3.60 | 0.52 | 3.72 | 4.43 | 4.43 | 0.63 | 6.03 | |
| | 17 | 1.13 | 1.13 | 0.16 | 0.61 | 2.02 | 2.02 | 0.29 | 1.11 | 2.84 | 2.84 | 0.41 | 1.96 | 3.60 | 3.60 | 0.52 | 3.73 | 4.44 | 4.44 | 0.64 | 6.05 | |
| | 19 | - | - | - | - | 2.05 | 2.01 | 0.29 | 1.12 | 2.84 | 2.84 | 0.41 | 1.96 | 3.61 | 3.61 | 0.52 | 3.75 | 4.44 | 4.44 | 0.64 | 6.07 | |
| | 20 | - | - | - | - | 2.27 | 1.88 | 0.32 | 1.25 | 2.94 | 2.77 | 0.42 | 2.16 | 3.63 | 3.60 | 0.52 | 3.79 | 4.45 | 4.45 | 0.64 | 6.07 | |
| 15 | 3 | 15 | 1.43 | 1.43 | 0.41 | 1.98 | 2.25 | 2.25 | 0.64 | 6.17 | 3.11 | 3.11 | 0.89 | 10.70 | 3.94 | 3.94 | 1.13 | 16.24 | 4.74 | 4.74 | 1.35 | 22.02 |
| | | 17 | 1.43 | 1.43 | 0.41 | 1.98 | 2.25 | 2.25 | 0.64 | 6.18 | 3.11 | 3.11 | 0.89 | 10.72 | 3.94 | 3.94 | 1.13 | 16.28 | 4.74 | 4.74 | 1.35 | 22.08 |
| | | 19 | - | - | - | - | 2.29 | 2.24 | 0.65 | 6.36 | 3.11 | 3.10 | 0.89 | 10.72 | 3.95 | 3.95 | 1.14 | 16.31 | 4.75 | 4.75 | 1.36 | 22.14 |
| | | 20 | - | - | - | - | 2.90 | 2.18 | 0.83 | 9.52 | 3.35 | 3.07 | 0.96 | 12.17 | 3.98 | 3.95 | 1.14 | 16.50 | 4.75 | 4.75 | 1.36 | 22.17 |
| | 4 | 15 | 1.06 | 1.06 | 0.23 | 0.85 | 1.90 | 1.90 | 0.41 | 2.01 | 2.70 | 2.70 | 0.58 | 5.02 | 3.57 | 3.57 | 0.76 | 8.28 | 4.40 | 4.40 | 0.95 | 11.97 |
| | | 17 | 1.07 | 1.07 | 0.23 | 0.85 | 1.90 | 1.90 | 0.41 | 2.01 | 2.70 | 2.70 | 0.58 | 5.03 | 3.57 | 3.57 | 0.77 | 8.30 | 4.41 | 4.41 | 0.95 | 12.00 |
| | | 19 | - | - | - | - | 1.90 | 1.89 | 0.41 | 2.01 | 2.71 | 2.71 | 0.58 | 5.05 | 3.58 | 3.58 | 0.77 | 8.32 | 4.42 | 4.42 | 0.95 | 12.03 |
| | | 20 | - | - | - | - | 2.05 | 1.81 | 0.44 | 2.48 | 2.74 | 2.70 | 0.59 | 5.20 | 3.57 | 3.57 | 0.77 | 8.31 | 4.42 | 4.42 | 0.95 | 12.05 |
| | 5 | 15 | 0.63 | 0.63 | 0.11 | 0.40 | 1.56 | 1.56 | 0.27 | 0.99 | 2.38 | 2.38 | 0.41 | 2.06 | 3.16 | 3.16 | 0.55 | 4.39 | 4.03 | 4.03 | 0.69 | 7.01 |
| | | 17 | 0.64 | 0.64 | 0.11 | 0.40 | 1.56 | 1.56 | 0.27 | 1.00 | 2.38 | 2.38 | 0.41 | 2.07 | 3.17 | 3.17 | 0.55 | 4.41 | 4.03 | 4.03 | 0.70 | 7.02 |
| | | 19 | - | - | - | - | 1.57 | 1.57 | 0.27 | 1.00 | 2.38 | 2.38 | 0.41 | 2.07 | 3.17 | 3.17 | 0.55 | 4.42 | 4.04 | 4.04 | 0.70 | 7.04 |
| | | 20 | - | - | - | - | 1.60 | 1.53 | 0.28 | 1.02 | 2.38 | 2.38 | 0.41 | 2.07 | 3.17 | 3.17 | 0.55 | 4.43 | 4.04 | 4.04 | 0.70 | 7.05 |
| 6 | 15 | - | - | - | - | 1.15 | 1.15 | 0.17 | 0.60 | 2.05 | 2.05 | 0.29 | 1.08 | 2.85 | 2.85 | 0.41 | 2.07 | 3.62 | 3.62 | 0.52 | 3.94 | |
| | 17 | - | - | - | - | 1.16 | 1.16 | 0.17 | 0.60 | 2.05 | 2.05 | 0.29 | 1.08 | 2.85 | 2.85 | 0.41 | 2.07 | 3.63 | 3.63 | 0.52 | 3.95 | |
| | 19 | - | - | - | - | 1.16 | 1.16 | 0.17 | 0.60 | 2.05 | 2.05 | 0.29 | 1.08 | 2.85 | 2.85 | 0.41 | 2.08 | 3.63 | 3.63 | 0.52 | 3.97 | |
| | 20 | - | - | - | - | 1.16 | 1.15 | 0.17 | 0.60 | 2.05 | 2.05 | 0.29 | 1.08 | 2.85 | 2.85 | 0.41 | 2.08 | 3.64 | 3.64 | 0.52 | 3.97 | |

Abbreviations:

- EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

2-Pipe Duct MKT3(C) Series



Heating Capacity Table

| MKT3-1000G12-CL | | | | | | | | | | | | | |
|-----------------|----|---------------------------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|
| EWT | ΔT | Indoor temperature (W.B.) | | | | | | | | | | | |
| | | 16 | | | 18 | | | 20 | | | 22 | | |
| | | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD |
| °C | °C | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa |
| 40 | 8 | 8.75 | 0.95 | 10.57 | 7.78 | 0.84 | 8.64 | 6.80 | 0.73 | 6.84 | 5.81 | 0.63 | 5.25 |
| | 10 | 8.06 | 0.70 | 6.27 | 7.06 | 0.61 | 5.01 | 6.04 | 0.52 | 3.85 | 4.99 | 0.43 | 2.78 |
| | 12 | 7.28 | 0.52 | 3.91 | 6.21 | 0.45 | 2.98 | 5.15 | 0.37 | 2.01 | 4.18 | 0.30 | 1.15 |
| | 14 | 6.35 | 0.39 | 2.25 | 5.35 | 0.33 | 1.45 | 4.39 | 0.27 | 0.86 | 3.31 | 0.20 | 0.56 |
| | 16 | 5.58 | 0.30 | 1.12 | 4.57 | 0.25 | 0.72 | 3.44 | 0.19 | 0.52 | 2.15 | 0.12 | 0.33 |
| 45 | 8 | 11.14 | 1.20 | 15.58 | 10.18 | 1.10 | 13.32 | 9.22 | 0.99 | 11.23 | 8.26 | 0.89 | 9.30 |
| | 10 | 10.53 | 0.91 | 9.66 | 9.55 | 0.82 | 8.18 | 8.58 | 0.74 | 6.80 | 7.65 | 0.65 | 5.52 |
| | 12 | 9.86 | 0.71 | 6.37 | 8.86 | 0.64 | 5.31 | 7.86 | 0.57 | 4.33 | 6.83 | 0.49 | 3.42 |
| | 14 | 9.10 | 0.56 | 4.29 | 8.06 | 0.50 | 3.49 | 7.00 | 0.43 | 2.75 | 5.92 | 0.36 | 1.98 |
| | 16 | 8.24 | 0.45 | 2.91 | 7.15 | 0.39 | 2.22 | 6.11 | 0.33 | 1.53 | 5.13 | 0.28 | 0.96 |
| 50 | 8 | 13.52 | 1.46 | 21.43 | 12.55 | 1.35 | 18.73 | 11.59 | 1.25 | 16.31 | 10.63 | 1.15 | 14.05 |
| | 10 | 12.95 | 1.12 | 13.54 | 11.98 | 1.04 | 11.83 | 11.01 | 0.95 | 10.23 | 10.04 | 0.87 | 8.73 |
| | 12 | 12.33 | 0.89 | 9.10 | 11.35 | 0.82 | 7.88 | 10.37 | 0.75 | 6.75 | 9.38 | 0.67 | 5.69 |
| | 14 | 11.67 | 0.72 | 6.38 | 10.67 | 0.66 | 5.48 | 9.67 | 0.60 | 4.63 | 8.65 | 0.53 | 3.83 |
| | 16 | 10.95 | 0.59 | 4.58 | 9.93 | 0.54 | 3.89 | 8.88 | 0.48 | 3.22 | 7.82 | 0.42 | 2.60 |
| 55 | 8 | 15.87 | 1.71 | 27.70 | 14.90 | 1.61 | 24.80 | 13.94 | 1.51 | 22.17 | 12.99 | 1.40 | 19.58 |
| | 10 | 15.34 | 1.32 | 17.73 | 14.36 | 1.24 | 15.81 | 13.39 | 1.15 | 14.00 | 12.43 | 1.07 | 12.35 |
| | 12 | 14.77 | 1.06 | 12.14 | 13.78 | 0.99 | 10.78 | 12.81 | 0.92 | 9.49 | 11.83 | 0.85 | 8.28 |
| | 14 | 14.16 | 0.87 | 8.72 | 13.17 | 0.81 | 7.69 | 12.18 | 0.75 | 6.73 | 11.20 | 0.69 | 5.82 |
| | 16 | 13.51 | 0.73 | 6.42 | 12.51 | 0.68 | 5.62 | 11.49 | 0.62 | 4.86 | 10.48 | 0.57 | 4.15 |
| 60 | 8 | 18.24 | 1.97 | 34.77 | 17.26 | 1.86 | 31.62 | 16.28 | 1.75 | 28.42 | 15.31 | 1.65 | 25.54 |
| | 10 | 17.72 | 1.53 | 22.47 | 16.74 | 1.45 | 20.34 | 15.76 | 1.36 | 18.31 | 14.80 | 1.28 | 16.40 |
| | 12 | 17.18 | 1.24 | 15.53 | 16.19 | 1.17 | 14.01 | 15.21 | 1.09 | 12.57 | 14.24 | 1.02 | 11.21 |
| | 14 | 16.60 | 1.02 | 11.20 | 15.61 | 0.96 | 10.07 | 14.62 | 0.90 | 9.00 | 13.64 | 0.84 | 7.98 |
| | 16 | 16.00 | 0.86 | 8.40 | 15.00 | 0.81 | 7.52 | 14.01 | 0.76 | 6.68 | 13.02 | 0.70 | 5.89 |

Abbreviations:

Δt: Temperature Difference. (°C) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m³/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

| MKT3-1000G30-CL/ MKT3-1000G50-CL | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|----|--------------------|---------------------------|------|-------------------|-------|-------|------|-------------------|--------|-------|------|-------------------|--------|-------|------|-------------------|--------|-------|------|-------------------|--------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 5 | 3 | 15 | 7.37 | 5.64 | 2.11 | 51.14 | 7.34 | 6.46 | 2.10 | 50.86 | 7.54 | 7.31 | 2.16 | 53.28 | 8.14 | 8.14 | 2.35 | 61.62 | 8.94 | 8.94 | 2.58 | 72.55 |
| | | 17 | 9.81 | 5.67 | 2.82 | 84.31 | 9.76 | 6.49 | 2.80 | 83.49 | 9.70 | 7.30 | 2.78 | 82.66 | 9.64 | 8.10 | 2.77 | 81.82 | 9.64 | 8.90 | 2.77 | 81.78 |
| | | 19 | - | - | - | - | 12.37 | 6.52 | 3.58 | 128.34 | 12.31 | 7.34 | 3.57 | 127.55 | 12.24 | 8.14 | 3.55 | 126.33 | 12.18 | 8.94 | 3.53 | 125.07 |
| | | 20 | - | - | - | - | 13.74 | 6.53 | 3.96 | 153.03 | 13.67 | 7.34 | 3.94 | 151.57 | 13.59 | 8.15 | 3.92 | 150.10 | 13.53 | 8.95 | 3.91 | 149.14 |
| | 4 | 15 | 6.45 | 5.22 | 1.38 | 24.62 | 6.62 | 6.08 | 1.42 | 25.74 | 7.05 | 6.95 | 1.51 | 28.71 | 7.78 | 7.78 | 1.67 | 34.06 | 8.59 | 8.59 | 1.84 | 40.37 |
| | | 17 | 8.96 | 5.28 | 1.92 | 43.41 | 8.91 | 6.10 | 1.91 | 42.97 | 8.86 | 6.91 | 1.90 | 42.54 | 8.84 | 7.72 | 1.90 | 42.41 | 9.02 | 8.55 | 1.94 | 43.97 |
| | | 19 | - | - | - | - | 11.54 | 6.14 | 2.48 | 67.38 | 11.48 | 6.95 | 2.47 | 66.73 | 11.41 | 7.76 | 2.45 | 66.10 | 11.35 | 8.55 | 2.44 | 65.47 |
| | | 20 | - | - | - | - | 12.93 | 6.16 | 2.78 | 82.23 | 12.86 | 6.97 | 2.77 | 81.44 | 12.79 | 7.78 | 2.75 | 80.68 | 12.72 | 8.57 | 2.74 | 79.91 |
| | 5 | 15 | 5.53 | 4.77 | 0.95 | 12.92 | 5.98 | 5.69 | 1.03 | 14.86 | 6.60 | 6.58 | 1.14 | 17.60 | 7.41 | 7.41 | 1.27 | 21.27 | 8.22 | 8.22 | 1.41 | 25.43 |
| | | 17 | 7.99 | 4.84 | 1.37 | 24.15 | 7.94 | 5.66 | 1.36 | 23.91 | 7.91 | 6.48 | 1.36 | 23.78 | 8.09 | 7.33 | 1.39 | 24.71 | 8.46 | 8.19 | 1.45 | 26.71 |
| | | 19 | - | - | - | - | 10.67 | 5.74 | 1.84 | 40.05 | 10.61 | 6.56 | 1.83 | 39.66 | 10.55 | 7.37 | 1.82 | 39.28 | 10.49 | 8.16 | 1.81 | 38.89 |
| | | 20 | - | - | - | - | 12.06 | 5.76 | 2.07 | 49.17 | 12.00 | 6.58 | 2.06 | 48.71 | 11.93 | 7.39 | 2.05 | 48.25 | 11.87 | 8.19 | 2.04 | 47.80 |
| 6 | 15 | 4.75 | 4.33 | 0.68 | 6.69 | 5.37 | 5.26 | 0.77 | 8.85 | 6.16 | 6.16 | 0.88 | 11.40 | 7.02 | 7.02 | 1.01 | 14.26 | 7.84 | 7.84 | 1.12 | 17.12 | |
| | 17 | 6.90 | 4.37 | 0.99 | 13.82 | 6.86 | 5.19 | 0.98 | 13.69 | 7.05 | 6.06 | 1.01 | 14.34 | 7.43 | 6.95 | 1.07 | 15.70 | 7.96 | 7.83 | 1.14 | 17.54 | |
| | 19 | - | - | - | - | 9.66 | 5.30 | 1.38 | 24.39 | 9.60 | 6.12 | 1.37 | 24.15 | 9.55 | 6.93 | 1.37 | 23.91 | 9.53 | 7.74 | 1.36 | 23.81 | |
| | 20 | - | - | - | - | 11.12 | 5.35 | 1.60 | 31.28 | 11.06 | 6.17 | 1.59 | 30.98 | 11.00 | 6.98 | 1.58 | 30.68 | 10.94 | 7.78 | 1.57 | 30.39 | |
| 7 | 3 | 15 | 5.57 | 4.81 | 1.61 | 31.55 | 5.86 | 5.68 | 1.69 | 34.43 | 6.51 | 6.51 | 1.87 | 40.91 | 7.33 | 7.33 | 2.12 | 50.87 | 8.13 | 8.13 | 2.34 | 60.12 |
| | | 17 | 8.00 | 4.84 | 2.30 | 58.57 | 7.95 | 5.66 | 2.30 | 58.20 | 7.90 | 6.47 | 2.28 | 57.56 | 7.94 | 7.29 | 2.29 | 58.11 | 8.25 | 8.13 | 2.38 | 61.83 |
| | | 19 | - | - | - | - | 10.58 | 5.70 | 3.08 | 96.72 | 10.52 | 6.51 | 3.06 | 95.75 | 10.45 | 7.31 | 3.01 | 93.31 | 10.39 | 8.11 | 3.00 | 92.39 |
| | | 20 | - | - | - | - | 11.97 | 5.71 | 3.48 | 120.28 | 11.90 | 6.53 | 3.46 | 119.07 | 11.81 | 7.33 | 3.41 | 116.01 | 11.75 | 8.13 | 3.39 | 114.87 |
| | 4 | 15 | 4.81 | 4.41 | 1.04 | 14.89 | 5.36 | 5.31 | 1.15 | 17.74 | 6.15 | 6.15 | 1.32 | 22.49 | 6.98 | 6.98 | 1.50 | 27.90 | 7.79 | 7.79 | 1.69 | 34.07 |
| | | 17 | 7.04 | 4.42 | 1.52 | 28.33 | 7.00 | 5.25 | 1.51 | 28.00 | 7.04 | 6.08 | 1.51 | 28.27 | 7.33 | 6.95 | 1.58 | 30.61 | 7.83 | 7.80 | 1.69 | 34.35 |
| | | 19 | - | - | - | - | 9.69 | 5.31 | 2.10 | 49.67 | 9.64 | 6.13 | 2.09 | 49.17 | 9.58 | 6.94 | 2.07 | 48.68 | 9.52 | 7.73 | 2.06 | 48.16 |
| | | 20 | - | - | - | - | 11.09 | 5.33 | 2.40 | 62.81 | 11.03 | 6.15 | 2.39 | 62.20 | 10.97 | 6.96 | 2.38 | 61.61 | 10.91 | 7.76 | 2.36 | 61.01 |
| | 5 | 15 | 4.12 | 3.98 | 0.71 | 7.51 | 4.90 | 4.90 | 0.84 | 10.40 | 5.76 | 5.76 | 0.99 | 13.69 | 6.61 | 6.61 | 1.14 | 17.34 | 7.43 | 7.43 | 1.28 | 21.11 |
| | | 17 | 5.94 | 3.96 | 1.02 | 14.36 | 5.97 | 4.80 | 1.03 | 14.51 | 6.28 | 5.69 | 1.08 | 15.88 | 6.76 | 6.58 | 1.16 | 17.97 | 7.44 | 7.44 | 1.28 | 21.15 |
| | | 19 | - | - | - | - | 8.72 | 4.90 | 1.51 | 27.93 | 8.66 | 5.72 | 1.50 | 27.64 | 8.61 | 6.53 | 1.49 | 27.34 | 8.65 | 7.35 | 1.50 | 27.57 |
| | | 20 | - | - | - | - | 10.13 | 4.92 | 1.74 | 35.90 | 10.07 | 5.74 | 1.73 | 35.55 | 10.01 | 6.55 | 1.72 | 35.20 | 9.95 | 7.36 | 1.71 | 34.85 |
| 6 | 15 | 3.70 | 3.66 | 0.53 | 3.63 | 4.47 | 4.47 | 0.64 | 5.92 | 5.33 | 5.33 | 0.76 | 8.73 | 6.20 | 6.20 | 0.89 | 11.34 | 7.05 | 7.05 | 1.01 | 14.11 | |
| | 17 | 4.63 | 3.42 | 0.66 | 6.47 | 5.01 | 4.34 | 0.72 | 7.71 | 5.58 | 5.28 | 0.80 | 9.46 | 6.26 | 6.20 | 0.90 | 11.50 | 7.06 | 7.06 | 1.01 | 14.12 | |
| | 19 | - | - | - | - | 7.57 | 4.43 | 1.09 | 15.87 | 7.52 | 5.25 | 1.08 | 15.67 | 7.58 | 6.09 | 1.09 | 15.89 | 7.84 | 6.95 | 1.13 | 16.89 | |
| | 20 | - | - | - | - | 9.08 | 4.49 | 1.30 | 21.71 | 9.02 | 5.31 | 1.30 | 21.49 | 8.97 | 6.13 | 1.29 | 21.27 | 8.93 | 6.94 | 1.28 | 21.12 | |

2-Pipe Duct MKT3(C) Series



(Continued)

| MKT3-1000G30-CL/ MKT3-1000G50-CL | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|----|--------------------|---------------------------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | |
| 9 | 3 | 15 | 4.08 | 4.01 | 1.17 | 18.03 | 4.87 | 4.87 | 1.40 | 24.41 | 5.70 | 5.70 | 1.64 | 32.17 | 6.52 | 6.52 | 1.87 | 40.35 | 7.33 | 7.33 | 2.12 | 50.12 | |
| | | 17 | 6.01 | 3.98 | 1.73 | 35.04 | 5.97 | 4.81 | 1.71 | 34.61 | 6.12 | 5.66 | 1.76 | 36.22 | 6.57 | 6.53 | 1.90 | 41.47 | 7.34 | 7.34 | 2.13 | 50.24 | |
| | | 19 | - | - | - | - | 8.62 | 4.85 | 2.48 | 65.71 | 8.57 | 5.67 | 2.47 | 65.01 | 8.51 | 6.48 | 2.45 | 64.19 | 8.48 | 7.29 | 2.46 | 64.42 | |
| | | 20 | - | - | - | - | 10.03 | 4.88 | 2.92 | 86.88 | 9.97 | 5.69 | 2.89 | 85.43 | 9.90 | 6.50 | 2.86 | 83.74 | 9.84 | 7.30 | 2.84 | 82.86 | |
| | 4 | 15 | 3.61 | 3.61 | 0.78 | 8.93 | 4.49 | 4.49 | 0.97 | 12.91 | 5.34 | 5.34 | 1.15 | 17.42 | 6.17 | 6.17 | 1.33 | 22.35 | 6.99 | 6.99 | 1.51 | 27.84 | |
| | | 17 | 4.90 | 3.53 | 1.06 | 14.99 | 5.08 | 4.41 | 1.09 | 15.98 | 5.53 | 5.31 | 1.19 | 18.52 | 6.18 | 6.17 | 1.33 | 22.40 | 7.00 | 7.00 | 1.52 | 27.91 | |
| | | 19 | - | - | - | - | 7.64 | 4.45 | 1.65 | 32.15 | 7.59 | 5.27 | 1.64 | 31.78 | 7.56 | 6.09 | 1.63 | 31.51 | 7.70 | 6.93 | 1.66 | 32.60 | |
| | | 20 | - | - | - | - | 9.09 | 4.49 | 1.97 | 43.78 | 9.03 | 5.31 | 1.96 | 43.32 | 8.98 | 6.12 | 1.95 | 42.87 | 8.92 | 6.93 | 1.93 | 42.40 | |
| | 5 | 15 | 3.20 | 3.20 | 0.55 | 4.11 | 4.05 | 4.05 | 0.70 | 7.31 | 4.94 | 4.94 | 0.85 | 10.36 | 5.79 | 5.79 | 1.00 | 13.59 | 6.62 | 6.62 | 1.14 | 17.09 | |
| | | 17 | 3.75 | 3.04 | 0.65 | 6.17 | 4.31 | 4.00 | 0.74 | 8.21 | 4.99 | 4.93 | 0.86 | 10.56 | 5.80 | 5.80 | 1.00 | 13.62 | 6.63 | 6.63 | 1.14 | 17.13 | |
| | | 19 | - | - | - | - | 6.52 | 4.01 | 1.12 | 16.59 | 6.48 | 4.83 | 1.12 | 16.42 | 6.67 | 5.69 | 1.15 | 17.25 | 7.04 | 6.57 | 1.21 | 18.95 | |
| | | 20 | - | - | - | - | 8.01 | 4.06 | 1.38 | 23.60 | 7.95 | 4.88 | 1.37 | 23.34 | 7.90 | 5.70 | 1.36 | 23.06 | 7.94 | 6.53 | 1.37 | 23.29 | |
| | 6 | 15 | 2.90 | 2.90 | 0.42 | 1.98 | 3.68 | 3.68 | 0.53 | 3.69 | 4.50 | 4.50 | 0.65 | 6.19 | 5.38 | 5.38 | 0.77 | 8.77 | 6.24 | 6.24 | 0.90 | 11.28 | |
| | | 17 | 3.16 | 2.75 | 0.45 | 2.45 | 3.76 | 3.63 | 0.54 | 3.91 | 4.51 | 4.51 | 0.65 | 6.21 | 5.39 | 5.39 | 0.77 | 8.79 | 6.25 | 6.25 | 0.90 | 11.30 | |
| | | 19 | - | - | - | - | 5.11 | 3.47 | 0.73 | 8.00 | 5.40 | 4.38 | 0.77 | 8.79 | 5.88 | 5.30 | 0.84 | 10.16 | 6.45 | 6.21 | 0.93 | 11.92 | |
| | | 20 | - | - | - | - | 6.77 | 3.59 | 0.97 | 12.90 | 6.71 | 4.41 | 0.96 | 12.72 | 6.79 | 5.26 | 0.97 | 12.96 | 7.08 | 6.14 | 1.02 | 13.96 | |
| | 11 | 3 | 15 | 3.18 | 3.18 | 0.91 | 11.47 | 4.04 | 4.04 | 1.15 | 17.25 | 4.88 | 4.88 | 1.39 | 23.86 | 5.70 | 5.70 | 1.63 | 31.20 | 6.52 | 6.52 | 1.88 | 39.86 |
| | | | 17 | 3.85 | 3.11 | 1.10 | 15.87 | 4.24 | 4.01 | 1.21 | 18.69 | 4.88 | 4.88 | 1.39 | 23.88 | 5.71 | 5.71 | 1.63 | 31.27 | 6.53 | 6.53 | 1.88 | 39.96 |
| | | | 19 | - | - | - | - | 6.54 | 4.01 | 1.88 | 39.97 | 6.49 | 4.83 | 1.87 | 39.47 | 6.52 | 5.66 | 1.88 | 39.80 | 6.80 | 6.51 | 1.96 | 42.82 |
| | | | 20 | - | - | - | - | 7.92 | 4.02 | 2.27 | 55.24 | 7.88 | 4.85 | 2.26 | 55.03 | 7.84 | 5.67 | 2.26 | 54.95 | 7.80 | 6.48 | 2.25 | 54.37 |
| | | 4 | 15 | 2.75 | 2.75 | 0.59 | 5.01 | 3.64 | 3.64 | 0.78 | 8.84 | 4.51 | 4.51 | 0.97 | 12.71 | 5.35 | 5.35 | 1.15 | 17.03 | 6.18 | 6.18 | 1.32 | 21.78 |
| | | | 17 | 2.95 | 2.68 | 0.63 | 5.97 | 3.68 | 3.63 | 0.79 | 9.00 | 4.51 | 4.51 | 0.97 | 12.73 | 5.36 | 5.36 | 1.15 | 17.07 | 6.19 | 6.19 | 1.33 | 21.84 |
| | | | 19 | - | - | - | - | 5.37 | 3.56 | 1.15 | 17.10 | 5.44 | 4.42 | 1.17 | 17.49 | 5.77 | 5.30 | 1.24 | 19.38 | 6.29 | 6.17 | 1.35 | 22.45 |
| | | | 20 | - | - | - | - | 6.86 | 3.62 | 1.47 | 26.06 | 6.81 | 4.44 | 1.46 | 25.75 | 6.78 | 5.26 | 1.45 | 25.52 | 6.95 | 6.11 | 1.49 | 26.65 |
| 5 | | 15 | 2.44 | 2.44 | 0.42 | 2.05 | 3.23 | 3.23 | 0.56 | 4.35 | 4.10 | 4.10 | 0.71 | 7.43 | 4.97 | 4.97 | 0.86 | 10.33 | 5.81 | 5.81 | 1.00 | 13.38 | |
| | | 17 | 2.50 | 2.39 | 0.43 | 2.19 | 3.23 | 3.22 | 0.56 | 4.36 | 4.10 | 4.10 | 0.71 | 7.45 | 4.98 | 4.98 | 0.86 | 10.36 | 5.82 | 5.82 | 1.00 | 13.41 | |
| | | 19 | - | - | - | - | 4.09 | 3.08 | 0.70 | 7.39 | 4.57 | 4.02 | 0.79 | 8.93 | 5.16 | 4.94 | 0.89 | 11.00 | 5.85 | 5.83 | 1.00 | 13.50 | |
| | | 20 | - | - | - | - | 5.62 | 3.16 | 0.97 | 12.66 | 5.59 | 3.99 | 0.96 | 12.56 | 5.81 | 4.86 | 1.00 | 13.35 | 6.25 | 5.76 | 1.08 | 15.24 | |
| 6 | | 15 | 2.07 | 2.07 | 0.30 | 1.20 | 2.92 | 2.92 | 0.42 | 2.06 | 3.70 | 3.70 | 0.53 | 3.90 | 4.54 | 4.54 | 0.65 | 6.33 | 5.42 | 5.42 | 0.78 | 8.69 | |
| | | 17 | 2.08 | 2.07 | 0.30 | 1.21 | 2.92 | 2.92 | 0.42 | 2.06 | 3.70 | 3.70 | 0.53 | 3.91 | 4.55 | 4.55 | 0.65 | 6.34 | 5.43 | 5.43 | 0.78 | 8.71 | |
| | | 19 | - | - | - | - | 3.27 | 2.72 | 0.47 | 2.81 | 3.87 | 3.63 | 0.55 | 4.38 | 4.59 | 4.54 | 0.66 | 6.47 | 5.43 | 5.43 | 0.78 | 8.72 | |
| | | 20 | - | - | - | - | 4.01 | 2.59 | 0.58 | 4.84 | 4.38 | 3.51 | 0.63 | 5.86 | 4.97 | 4.46 | 0.71 | 7.47 | 5.62 | 5.39 | 0.80 | 9.23 | |

(Continued)

| MKT3-1000G30-CL/ MKT3-1000G50-CL | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|----|--------------------|---------------------------|------|-------------------|------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 13 | 3 | 15 | 2.31 | 2.31 | 0.66 | 6.64 | 3.20 | 3.20 | 0.92 | 11.56 | 4.06 | 4.06 | 1.17 | 17.31 | 4.89 | 4.89 | 1.41 | 23.87 | 5.70 | 5.70 | 1.63 | 30.76 |
| | | 17 | 2.32 | 2.32 | 0.67 | 6.69 | 3.21 | 3.21 | 0.92 | 11.59 | 4.06 | 4.06 | 1.17 | 17.36 | 4.89 | 4.89 | 1.41 | 23.92 | 5.71 | 5.71 | 1.63 | 30.84 |
| | | 19 | - | - | - | - | 4.18 | 3.13 | 1.20 | 18.21 | 4.45 | 4.01 | 1.28 | 20.29 | 4.96 | 4.89 | 1.43 | 24.45 | 5.72 | 5.72 | 1.63 | 30.92 |
| | | 20 | - | - | - | - | 5.62 | 3.16 | 1.61 | 29.99 | 5.57 | 3.98 | 1.59 | 29.52 | 5.65 | 4.83 | 1.61 | 30.23 | 5.97 | 5.69 | 1.71 | 33.37 |
| | 4 | 15 | 1.96 | 1.96 | 0.42 | 2.12 | 2.77 | 2.77 | 0.59 | 5.22 | 3.66 | 3.66 | 0.78 | 8.79 | 4.52 | 4.52 | 0.97 | 12.59 | 5.37 | 5.37 | 1.16 | 17.02 |
| | | 17 | 1.96 | 1.95 | 0.42 | 2.12 | 2.77 | 2.77 | 0.59 | 5.24 | 3.67 | 3.67 | 0.79 | 8.81 | 4.53 | 4.53 | 0.97 | 12.62 | 5.37 | 5.37 | 1.16 | 17.06 |
| | | 19 | - | - | - | - | 3.13 | 2.69 | 0.67 | 6.72 | 3.79 | 3.64 | 0.81 | 9.31 | 4.53 | 4.53 | 0.97 | 12.64 | 5.38 | 5.38 | 1.16 | 17.10 |
| | | 20 | - | - | - | - | 4.31 | 2.69 | 0.92 | 11.57 | 4.46 | 3.57 | 0.96 | 12.28 | 4.91 | 4.48 | 1.06 | 14.58 | 5.47 | 5.37 | 1.18 | 17.59 |
| | 5 | 15 | 1.59 | 1.59 | 0.27 | 1.06 | 2.44 | 2.44 | 0.42 | 2.09 | 3.24 | 3.24 | 0.56 | 4.49 | 4.12 | 4.12 | 0.71 | 7.35 | 4.99 | 4.99 | 0.86 | 10.16 |
| | | 17 | 1.59 | 1.59 | 0.27 | 1.06 | 2.44 | 2.44 | 0.42 | 2.10 | 3.24 | 3.24 | 0.56 | 4.50 | 4.13 | 4.13 | 0.71 | 7.37 | 5.00 | 5.00 | 0.86 | 10.18 |
| | | 19 | - | - | - | - | 2.54 | 2.36 | 0.44 | 2.35 | 3.25 | 3.24 | 0.56 | 4.55 | 4.13 | 4.13 | 0.71 | 7.38 | 5.00 | 5.00 | 0.86 | 10.21 |
| | | 20 | - | - | - | - | 2.96 | 2.21 | 0.51 | 3.57 | 3.54 | 3.15 | 0.61 | 5.53 | 4.26 | 4.10 | 0.73 | 7.76 | 5.02 | 5.01 | 0.86 | 10.25 |
| 6 | 15 | 1.17 | 1.17 | 0.17 | 0.64 | 2.09 | 2.09 | 0.30 | 1.15 | 2.92 | 2.92 | 0.42 | 2.11 | 3.71 | 3.71 | 0.53 | 4.03 | 4.58 | 4.58 | 0.66 | 6.42 | |
| | 17 | 1.17 | 1.17 | 0.17 | 0.64 | 2.09 | 2.09 | 0.30 | 1.15 | 2.92 | 2.92 | 0.42 | 2.12 | 3.72 | 3.72 | 0.53 | 4.04 | 4.59 | 4.59 | 0.66 | 6.43 | |
| | 19 | - | - | - | - | 2.12 | 2.07 | 0.30 | 1.16 | 2.92 | 2.92 | 0.42 | 2.12 | 3.72 | 3.72 | 0.53 | 4.06 | 4.59 | 4.59 | 0.66 | 6.45 | |
| | 20 | - | - | - | - | 2.35 | 1.94 | 0.34 | 1.31 | 3.03 | 2.85 | 0.43 | 2.34 | 3.74 | 3.71 | 0.54 | 4.11 | 4.60 | 4.59 | 0.66 | 6.45 | |
| 15 | 3 | 15 | 1.47 | 1.47 | 0.42 | 2.14 | 2.32 | 2.32 | 0.66 | 6.53 | 3.21 | 3.21 | 0.91 | 11.28 | 4.06 | 4.06 | 1.17 | 17.10 | 4.88 | 4.88 | 1.39 | 23.19 |
| | | 17 | 1.47 | 1.47 | 0.42 | 2.14 | 2.33 | 2.33 | 0.66 | 6.55 | 3.21 | 3.21 | 0.92 | 11.30 | 4.06 | 4.06 | 1.17 | 17.14 | 4.89 | 4.89 | 1.40 | 23.24 |
| | | 19 | - | - | - | - | 2.37 | 2.32 | 0.68 | 6.74 | 3.21 | 3.20 | 0.92 | 11.30 | 4.07 | 4.07 | 1.17 | 17.18 | 4.89 | 4.89 | 1.40 | 23.31 |
| | | 20 | - | - | - | - | 3.01 | 2.25 | 0.86 | 10.14 | 3.46 | 3.17 | 0.99 | 12.87 | 4.10 | 4.07 | 1.18 | 17.38 | 4.90 | 4.90 | 1.40 | 23.34 |
| | 4 | 15 | 1.10 | 1.10 | 0.24 | 0.88 | 1.96 | 1.96 | 0.42 | 2.17 | 2.79 | 2.79 | 0.60 | 5.39 | 3.68 | 3.68 | 0.79 | 8.74 | 4.54 | 4.54 | 0.98 | 12.62 |
| | | 17 | 1.10 | 1.10 | 0.24 | 0.88 | 1.96 | 1.96 | 0.42 | 2.17 | 2.79 | 2.79 | 0.60 | 5.40 | 3.69 | 3.69 | 0.79 | 8.76 | 4.55 | 4.55 | 0.98 | 12.65 |
| | | 19 | - | - | - | - | 1.96 | 1.95 | 0.42 | 2.17 | 2.80 | 2.80 | 0.60 | 5.42 | 3.69 | 3.69 | 0.79 | 8.78 | 4.56 | 4.56 | 0.98 | 12.68 |
| | | 20 | - | - | - | - | 2.11 | 1.86 | 0.45 | 2.68 | 2.84 | 2.79 | 0.61 | 5.58 | 3.69 | 3.68 | 0.79 | 8.77 | 4.56 | 4.56 | 0.98 | 12.69 |
| | 5 | 15 | 0.66 | 0.66 | 0.11 | 0.42 | 1.61 | 1.61 | 0.28 | 1.03 | 2.45 | 2.45 | 0.42 | 2.23 | 3.27 | 3.27 | 0.56 | 4.74 | 4.16 | 4.16 | 0.72 | 7.40 |
| | | 17 | 0.66 | 0.66 | 0.11 | 0.42 | 1.62 | 1.62 | 0.28 | 1.03 | 2.45 | 2.45 | 0.42 | 2.23 | 3.27 | 3.27 | 0.56 | 4.75 | 4.17 | 4.17 | 0.72 | 7.42 |
| | | 19 | - | - | - | - | 1.62 | 1.62 | 0.28 | 1.03 | 2.45 | 2.45 | 0.42 | 2.24 | 3.28 | 3.28 | 0.56 | 4.76 | 4.17 | 4.17 | 0.72 | 7.44 |
| | | 20 | - | - | - | - | 1.66 | 1.58 | 0.29 | 1.05 | 2.45 | 2.45 | 0.42 | 2.24 | 3.28 | 3.28 | 0.57 | 4.77 | 4.17 | 4.17 | 0.72 | 7.45 |
| 6 | 15 | - | - | - | - | 1.20 | 1.20 | 0.17 | 0.62 | 2.12 | 2.12 | 0.30 | 1.12 | 2.93 | 2.93 | 0.42 | 2.23 | 3.74 | 3.74 | 0.54 | 4.26 | |
| | 17 | - | - | - | - | 1.20 | 1.20 | 0.17 | 0.62 | 2.12 | 2.12 | 0.30 | 1.12 | 2.93 | 2.93 | 0.42 | 2.24 | 3.75 | 3.75 | 0.54 | 4.27 | |
| | 19 | - | - | - | - | 1.20 | 1.20 | 0.17 | 0.62 | 2.12 | 2.12 | 0.30 | 1.12 | 2.93 | 2.93 | 0.42 | 2.25 | 3.75 | 3.75 | 0.54 | 4.28 | |
| | 20 | - | - | - | - | 1.20 | 1.19 | 0.17 | 0.62 | 2.12 | 2.12 | 0.30 | 1.12 | 2.94 | 2.94 | 0.42 | 2.25 | 3.75 | 3.75 | 0.54 | 4.29 | |

Abbreviations:

- EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

2-Pipe Duct MKT3(C) Series



Heating Capacity Table

| MKT3-1000G30-CL/ MKT3-1000G50-CL | | | | | | | | | | | | | |
|----------------------------------|----|---------------------------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|
| EWT | ΔT | Indoor temperature (W.B.) | | | | | | | | | | | |
| | | 16 | | | 18 | | | 20 | | | 22 | | |
| | | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD |
| °C | °C | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa |
| 40 | 8 | 8.97 | 0.97 | 11.04 | 7.98 | 0.86 | 9.02 | 6.98 | 0.75 | 7.14 | 5.97 | 0.64 | 5.48 |
| | 10 | 8.26 | 0.71 | 6.55 | 7.24 | 0.62 | 5.23 | 6.20 | 0.54 | 4.02 | 5.13 | 0.44 | 2.91 |
| | 12 | 7.46 | 0.54 | 4.08 | 6.38 | 0.46 | 3.13 | 5.28 | 0.38 | 2.13 | 4.27 | 0.31 | 1.22 |
| | 14 | 6.51 | 0.40 | 2.38 | 5.47 | 0.34 | 1.54 | 4.49 | 0.28 | 0.91 | 3.39 | 0.21 | 0.57 |
| | 16 | 5.70 | 0.31 | 1.18 | 4.68 | 0.25 | 0.75 | 3.52 | 0.19 | 0.54 | 2.20 | 0.12 | 0.34 |
| 45 | 8 | 11.43 | 1.23 | 16.27 | 10.44 | 1.13 | 13.95 | 9.45 | 1.02 | 11.73 | 8.47 | 0.91 | 9.71 |
| | 10 | 10.79 | 0.93 | 10.09 | 9.80 | 0.85 | 8.53 | 8.80 | 0.76 | 7.09 | 7.79 | 0.67 | 5.76 |
| | 12 | 10.11 | 0.73 | 6.65 | 9.09 | 0.65 | 5.54 | 8.06 | 0.58 | 4.52 | 7.01 | 0.51 | 3.57 |
| | 14 | 9.34 | 0.58 | 4.48 | 8.27 | 0.51 | 3.65 | 7.19 | 0.44 | 2.88 | 6.07 | 0.37 | 2.09 |
| | 16 | 8.46 | 0.46 | 3.05 | 7.34 | 0.40 | 2.34 | 6.25 | 0.34 | 1.62 | 5.24 | 0.28 | 1.01 |
| 50 | 8 | 13.86 | 1.50 | 22.38 | 12.87 | 1.39 | 19.57 | 11.88 | 1.28 | 17.04 | 10.90 | 1.18 | 14.68 |
| | 10 | 13.28 | 1.15 | 14.14 | 12.28 | 1.06 | 12.35 | 11.29 | 0.98 | 10.68 | 10.30 | 0.89 | 9.12 |
| | 12 | 12.64 | 0.91 | 9.50 | 11.64 | 0.84 | 8.23 | 10.63 | 0.76 | 7.05 | 9.62 | 0.69 | 5.94 |
| | 14 | 11.94 | 0.74 | 6.66 | 10.94 | 0.67 | 5.72 | 9.91 | 0.61 | 4.83 | 8.88 | 0.55 | 4.00 |
| | 16 | 11.23 | 0.61 | 4.78 | 10.18 | 0.55 | 4.06 | 9.12 | 0.49 | 3.37 | 8.03 | 0.43 | 2.72 |
| 55 | 8 | 16.28 | 1.75 | 28.94 | 15.28 | 1.65 | 25.91 | 14.29 | 1.54 | 23.05 | 13.31 | 1.44 | 20.46 |
| | 10 | 15.72 | 1.36 | 18.52 | 14.73 | 1.27 | 16.51 | 13.73 | 1.18 | 14.63 | 12.75 | 1.10 | 12.90 |
| | 12 | 15.14 | 1.09 | 12.68 | 14.13 | 1.02 | 11.25 | 13.13 | 0.94 | 9.91 | 12.13 | 0.87 | 8.65 |
| | 14 | 14.52 | 0.90 | 9.10 | 13.50 | 0.83 | 8.03 | 12.49 | 0.77 | 7.02 | 11.51 | 0.71 | 6.07 |
| | 16 | 13.85 | 0.75 | 6.70 | 12.82 | 0.69 | 5.87 | 11.79 | 0.64 | 5.07 | 10.75 | 0.58 | 4.33 |
| 60 | 8 | 18.70 | 2.02 | 36.33 | 17.70 | 1.91 | 33.05 | 16.70 | 1.80 | 29.78 | 15.70 | 1.69 | 26.69 |
| | 10 | 18.17 | 1.57 | 23.47 | 17.16 | 1.48 | 21.25 | 16.16 | 1.40 | 19.13 | 15.17 | 1.31 | 17.13 |
| | 12 | 17.61 | 1.27 | 16.22 | 16.60 | 1.19 | 14.63 | 15.60 | 1.12 | 13.13 | 14.60 | 1.05 | 11.71 |
| | 14 | 17.02 | 1.05 | 11.70 | 16.00 | 0.99 | 10.52 | 14.99 | 0.92 | 9.40 | 13.99 | 0.86 | 8.33 |
| | 16 | 16.40 | 0.89 | 8.77 | 15.38 | 0.83 | 7.85 | 14.36 | 0.78 | 6.97 | 13.34 | 0.72 | 6.15 |

Abbreviations:

Δt: Temperature Difference. (°C) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m³/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

| MKT3-1200G12-CL/ MKT3-1200G30-CL/ MKT3-1200G50-CL | | | | | | | | | | | | | | | | | | | | | | |
|---|----|--------------------|---------------------------|------|-------------------|-------|-------|------|-------------------|--------|-------|------|-------------------|--------|-------|------|-------------------|--------|-------|-------|-------------------|--------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 5 | 3 | 15 | 8.92 | 6.83 | 2.57 | 48.68 | 8.88 | 7.82 | 2.56 | 48.34 | 9.12 | 8.83 | 2.63 | 50.67 | 9.82 | 9.82 | 2.81 | 56.96 | 10.79 | 10.79 | 3.11 | 67.72 |
| | | 17 | 11.85 | 6.85 | 3.40 | 78.95 | 11.78 | 7.84 | 3.38 | 78.16 | 11.72 | 8.82 | 3.37 | 77.73 | 11.66 | 9.79 | 3.37 | 77.75 | 11.66 | 10.76 | 3.37 | 77.74 |
| | | 19 | - | - | - | - | 14.93 | 7.87 | 4.30 | 118.73 | 14.85 | 8.85 | 4.28 | 117.87 | 14.78 | 9.83 | 4.28 | 117.91 | 14.71 | 10.79 | 4.26 | 117.13 |
| | | 20 | - | - | - | - | 16.61 | 7.90 | 4.81 | 144.64 | 16.53 | 8.88 | 4.81 | 144.32 | 16.43 | 9.85 | 4.75 | 141.63 | 16.34 | 10.81 | 4.72 | 140.04 |
| | 4 | 15 | 7.76 | 6.29 | 1.66 | 22.98 | 7.98 | 7.33 | 1.71 | 24.09 | 8.50 | 8.39 | 1.82 | 26.89 | 9.39 | 9.39 | 2.02 | 31.93 | 10.37 | 10.37 | 2.22 | 37.84 |
| | | 17 | 10.81 | 6.37 | 2.32 | 40.60 | 10.74 | 7.36 | 2.31 | 40.19 | 10.68 | 8.34 | 2.29 | 39.78 | 10.67 | 9.32 | 2.29 | 39.75 | 10.89 | 10.33 | 2.34 | 41.17 |
| | | 19 | - | - | - | - | 13.95 | 7.42 | 3.01 | 63.84 | 13.87 | 8.40 | 3.00 | 63.23 | 13.80 | 9.37 | 2.98 | 62.63 | 13.72 | 10.34 | 2.96 | 62.03 |
| | | 20 | - | - | - | - | 15.61 | 7.43 | 3.36 | 76.96 | 15.54 | 8.42 | 3.35 | 76.77 | 15.46 | 9.40 | 3.34 | 76.41 | 15.38 | 10.36 | 3.32 | 75.68 |
| | 5 | 15 | 6.65 | 5.74 | 1.14 | 12.03 | 7.18 | 6.85 | 1.23 | 13.72 | 7.96 | 7.94 | 1.37 | 16.47 | 8.95 | 8.95 | 1.54 | 20.11 | 9.92 | 9.92 | 1.70 | 23.83 |
| | | 17 | 9.62 | 5.84 | 1.65 | 22.55 | 9.56 | 6.83 | 1.64 | 22.32 | 9.54 | 7.82 | 1.64 | 22.21 | 9.76 | 8.85 | 1.67 | 23.11 | 10.21 | 9.89 | 1.75 | 25.01 |
| | | 19 | - | - | - | - | 12.87 | 6.93 | 2.22 | 37.45 | 12.79 | 7.91 | 2.21 | 37.09 | 12.72 | 8.89 | 2.19 | 36.74 | 12.65 | 9.85 | 2.18 | 36.38 |
| | | 20 | - | - | - | - | 14.55 | 6.95 | 2.50 | 46.00 | 14.47 | 7.94 | 2.49 | 45.56 | 14.39 | 8.92 | 2.47 | 45.13 | 14.31 | 9.88 | 2.46 | 44.70 |
| 6 | 15 | 5.73 | 5.23 | 0.82 | 6.09 | 6.46 | 6.34 | 0.93 | 8.13 | 7.42 | 7.42 | 1.06 | 10.65 | 8.46 | 8.46 | 1.21 | 13.34 | 9.47 | 9.47 | 1.36 | 16.16 | |
| | 17 | 8.28 | 5.25 | 1.19 | 12.82 | 8.24 | 6.25 | 1.18 | 12.71 | 8.48 | 7.31 | 1.22 | 13.36 | 8.95 | 8.38 | 1.28 | 14.66 | 9.61 | 9.45 | 1.38 | 16.55 | |
| | 19 | - | - | - | - | 11.63 | 6.39 | 1.66 | 22.77 | 11.56 | 7.38 | 1.65 | 22.54 | 11.50 | 8.35 | 1.64 | 22.31 | 11.48 | 9.34 | 1.64 | 22.24 | |
| | 20 | - | - | - | - | 13.41 | 6.45 | 1.93 | 29.23 | 13.33 | 7.44 | 1.91 | 28.95 | 13.23 | 8.41 | 1.89 | 28.40 | 13.16 | 9.38 | 1.88 | 28.12 | |
| 7 | 3 | 15 | 6.72 | 5.81 | 1.94 | 29.54 | 7.07 | 6.86 | 2.05 | 32.30 | 7.88 | 7.87 | 2.28 | 38.90 | 8.85 | 8.85 | 2.54 | 47.03 | 9.82 | 9.82 | 2.83 | 56.75 |
| | | 17 | 9.65 | 5.84 | 2.77 | 54.60 | 9.59 | 6.83 | 2.76 | 54.00 | 9.52 | 7.81 | 2.74 | 53.41 | 9.58 | 8.81 | 2.76 | 53.99 | 9.96 | 9.82 | 2.88 | 58.17 |
| | | 19 | - | - | - | - | 12.76 | 6.87 | 3.68 | 89.09 | 12.68 | 7.86 | 3.66 | 88.18 | 12.61 | 8.83 | 3.64 | 87.62 | 12.56 | 9.80 | 3.64 | 87.70 |
| | | 20 | - | - | - | - | 14.44 | 6.89 | 4.18 | 111.42 | 14.37 | 7.88 | 4.18 | 111.40 | 14.29 | 8.86 | 4.16 | 110.31 | 14.18 | 9.82 | 4.10 | 107.50 |
| | 4 | 15 | 5.79 | 5.32 | 1.25 | 13.90 | 6.46 | 6.41 | 1.39 | 16.61 | 7.43 | 7.43 | 1.60 | 21.09 | 8.42 | 8.42 | 1.81 | 26.15 | 9.41 | 9.41 | 2.04 | 31.94 |
| | | 17 | 8.49 | 5.34 | 1.83 | 26.47 | 8.43 | 6.33 | 1.81 | 26.16 | 8.48 | 7.34 | 1.83 | 26.45 | 8.82 | 8.38 | 1.90 | 28.32 | 9.45 | 9.42 | 2.05 | 32.20 |
| | | 19 | - | - | - | - | 11.70 | 6.41 | 2.53 | 46.49 | 11.63 | 7.40 | 2.52 | 46.01 | 11.56 | 8.37 | 2.50 | 45.55 | 11.49 | 9.34 | 2.49 | 45.06 |
| | | 20 | - | - | - | - | 13.37 | 6.43 | 2.88 | 58.09 | 13.29 | 7.41 | 2.86 | 57.52 | 13.22 | 8.39 | 2.85 | 56.96 | 13.14 | 9.36 | 2.83 | 56.39 |
| | 5 | 15 | 4.97 | 4.80 | 0.85 | 6.86 | 5.90 | 5.90 | 1.02 | 9.71 | 6.95 | 6.95 | 1.20 | 12.82 | 7.97 | 7.97 | 1.37 | 16.24 | 8.96 | 8.96 | 1.54 | 19.78 |
| | | 17 | 7.12 | 4.76 | 1.23 | 13.33 | 7.17 | 5.79 | 1.23 | 13.50 | 7.56 | 6.86 | 1.30 | 14.78 | 8.16 | 7.94 | 1.41 | 16.90 | 8.98 | 8.97 | 1.54 | 19.82 |
| | | 19 | - | - | - | - | 10.48 | 5.89 | 1.80 | 25.79 | 10.41 | 6.88 | 1.79 | 25.51 | 10.34 | 7.86 | 1.78 | 25.23 | 10.41 | 8.86 | 1.79 | 25.50 |
| | | 20 | - | - | - | - | 12.21 | 5.94 | 2.10 | 33.57 | 12.14 | 6.93 | 2.09 | 33.23 | 12.07 | 7.91 | 2.08 | 32.90 | 12.00 | 8.88 | 2.07 | 32.57 |
| 6 | 15 | 4.49 | 4.43 | 0.65 | 3.32 | 5.40 | 5.40 | 0.77 | 5.40 | 6.43 | 6.43 | 0.92 | 8.09 | 7.48 | 7.48 | 1.07 | 10.60 | 8.51 | 8.51 | 1.22 | 13.29 | |
| | 17 | 5.57 | 4.12 | 0.80 | 5.87 | 6.02 | 5.23 | 0.86 | 7.05 | 6.71 | 6.36 | 0.96 | 8.77 | 7.54 | 7.47 | 1.08 | 10.74 | 8.52 | 8.52 | 1.23 | 13.32 | |
| | 19 | - | - | - | - | 9.09 | 5.33 | 1.30 | 14.75 | 9.03 | 6.32 | 1.29 | 14.56 | 9.11 | 7.33 | 1.31 | 14.80 | 9.44 | 8.39 | 1.35 | 15.75 | |
| | 20 | - | - | - | - | 10.93 | 5.41 | 1.57 | 20.25 | 10.86 | 6.40 | 1.56 | 20.04 | 10.80 | 7.39 | 1.55 | 19.83 | 10.76 | 8.37 | 1.55 | 19.71 | |

2-Pipe Duct MKT3(C) Series



(Continued)

| MKT3-1200G12-CL/ MKT3-1200G30-CL/ MKT3-1200G50-CL | | | | | | | | | | | | | | | | | | | | | | | |
|---|----|--------------------|---------------------------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|------|-------------------|-------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | |
| 9 | 3 | 15 | 4.93 | 4.85 | 1.42 | 17.03 | 5.88 | 5.88 | 1.69 | 22.88 | 6.89 | 6.89 | 1.99 | 30.44 | 7.87 | 7.87 | 2.26 | 37.82 | 8.85 | 8.85 | 2.56 | 46.99 | |
| | | 17 | 7.25 | 4.81 | 2.08 | 32.76 | 7.20 | 5.81 | 2.07 | 32.37 | 7.39 | 6.83 | 2.12 | 33.92 | 7.92 | 7.87 | 2.28 | 38.28 | 8.86 | 8.86 | 2.57 | 47.11 | |
| | | 19 | - | - | - | - | 10.43 | 5.87 | 3.03 | 62.54 | 10.37 | 6.86 | 3.01 | 61.89 | 10.31 | 7.84 | 2.99 | 61.23 | 10.23 | 8.80 | 2.95 | 59.68 | |
| | | 20 | - | - | - | - | 12.09 | 5.88 | 3.49 | 80.02 | 12.02 | 6.87 | 3.47 | 79.19 | 11.95 | 7.85 | 3.45 | 78.35 | 11.88 | 8.82 | 3.43 | 77.55 | |
| | 4 | 15 | 4.35 | 4.34 | 0.93 | 8.32 | 5.41 | 5.41 | 1.16 | 12.09 | 6.44 | 6.44 | 1.39 | 16.29 | 7.45 | 7.45 | 1.61 | 20.95 | 8.44 | 8.44 | 1.83 | 26.10 | |
| | | 17 | 5.90 | 4.26 | 1.27 | 14.06 | 6.12 | 5.32 | 1.32 | 14.90 | 6.66 | 6.40 | 1.44 | 17.29 | 7.46 | 7.45 | 1.61 | 21.00 | 8.45 | 8.45 | 1.83 | 26.16 | |
| | | 19 | - | - | - | - | 9.21 | 5.37 | 1.98 | 30.05 | 9.16 | 6.36 | 1.97 | 29.72 | 9.11 | 7.35 | 1.96 | 29.47 | 9.30 | 8.36 | 2.00 | 30.52 | |
| | | 20 | - | - | - | - | 10.96 | 5.42 | 2.38 | 40.96 | 10.87 | 6.40 | 2.34 | 39.99 | 10.80 | 7.38 | 2.33 | 39.57 | 10.73 | 8.35 | 2.31 | 39.13 | |
| | 5 | 15 | 3.88 | 3.88 | 0.67 | 3.75 | 4.88 | 4.88 | 0.84 | 6.73 | 5.95 | 5.95 | 1.02 | 9.69 | 6.99 | 6.99 | 1.20 | 12.72 | 7.99 | 7.99 | 1.38 | 16.01 | |
| | | 17 | 4.51 | 3.67 | 0.78 | 5.61 | 5.18 | 4.81 | 0.89 | 7.59 | 6.01 | 5.94 | 1.04 | 9.86 | 6.99 | 6.99 | 1.20 | 12.75 | 8.00 | 8.00 | 1.38 | 16.05 | |
| | | 19 | - | - | - | - | 7.83 | 4.82 | 1.35 | 15.44 | 7.80 | 5.83 | 1.34 | 15.36 | 8.03 | 6.87 | 1.38 | 16.11 | 8.49 | 7.93 | 1.46 | 17.73 | |
| | | 20 | - | - | - | - | 9.64 | 4.89 | 1.66 | 22.02 | 9.58 | 5.89 | 1.65 | 21.78 | 9.51 | 6.87 | 1.64 | 21.52 | 9.57 | 7.87 | 1.65 | 21.76 | |
| | 6 | 15 | 3.51 | 3.51 | 0.50 | 1.85 | 4.46 | 4.46 | 0.64 | 3.36 | 5.43 | 5.43 | 0.78 | 5.66 | 6.48 | 6.48 | 0.93 | 8.19 | 7.53 | 7.53 | 1.08 | 10.55 | |
| | | 17 | 3.84 | 3.33 | 0.55 | 2.26 | 4.55 | 4.40 | 0.65 | 3.57 | 5.44 | 5.44 | 0.78 | 5.68 | 6.49 | 6.49 | 0.93 | 8.21 | 7.54 | 7.54 | 1.08 | 10.58 | |
| | | 19 | - | - | - | - | 6.10 | 4.17 | 0.88 | 7.31 | 6.47 | 5.27 | 0.93 | 8.13 | 7.06 | 6.39 | 1.01 | 9.46 | 7.77 | 7.49 | 1.11 | 11.13 | |
| | | 20 | - | - | - | - | 8.12 | 4.31 | 1.17 | 11.98 | 8.05 | 5.31 | 1.16 | 11.81 | 8.16 | 6.33 | 1.17 | 12.06 | 8.53 | 7.40 | 1.22 | 13.03 | |
| | 11 | 3 | 15 | 3.84 | 3.84 | 1.09 | 10.74 | 4.88 | 4.88 | 1.39 | 16.16 | 5.89 | 5.89 | 1.68 | 22.36 | 6.89 | 6.89 | 1.97 | 29.25 | 7.87 | 7.87 | 2.26 | 37.10 |
| | | | 17 | 4.65 | 3.76 | 1.33 | 14.97 | 5.11 | 4.84 | 1.46 | 17.48 | 5.89 | 5.89 | 1.68 | 22.38 | 6.90 | 6.90 | 1.97 | 29.32 | 7.88 | 7.88 | 2.26 | 37.20 |
| | | | 19 | - | - | - | - | 7.87 | 4.83 | 2.26 | 37.06 | 7.81 | 5.83 | 2.24 | 36.57 | 7.86 | 6.83 | 2.25 | 36.95 | 8.21 | 7.86 | 2.36 | 40.11 |
| | | | 20 | - | - | - | - | 9.59 | 4.87 | 2.76 | 52.60 | 9.53 | 5.86 | 2.74 | 52.00 | 9.47 | 6.85 | 2.73 | 51.41 | 9.39 | 7.82 | 2.68 | 50.04 |
| 4 | | 15 | 3.32 | 3.32 | 0.71 | 4.56 | 4.38 | 4.38 | 0.94 | 8.26 | 5.44 | 5.44 | 1.16 | 11.90 | 6.46 | 6.46 | 1.38 | 15.96 | 7.46 | 7.46 | 1.60 | 20.42 | |
| | | 17 | 3.56 | 3.23 | 0.76 | 5.44 | 4.43 | 4.38 | 0.95 | 8.40 | 5.44 | 5.44 | 1.17 | 11.93 | 6.47 | 6.47 | 1.39 | 15.99 | 7.47 | 7.47 | 1.60 | 20.47 | |
| | | 19 | - | - | - | - | 6.46 | 4.30 | 1.38 | 15.94 | 6.55 | 5.33 | 1.40 | 16.33 | 6.96 | 6.39 | 1.49 | 18.13 | 7.59 | 7.46 | 1.63 | 21.03 | |
| | | 20 | - | - | - | - | 8.27 | 4.36 | 1.77 | 24.33 | 8.21 | 5.36 | 1.76 | 24.05 | 8.17 | 6.35 | 1.75 | 23.85 | 8.38 | 7.38 | 1.80 | 24.94 | |
| 5 | | 15 | 2.96 | 2.96 | 0.51 | 1.89 | 3.90 | 3.90 | 0.67 | 3.96 | 4.94 | 4.94 | 0.85 | 6.90 | 6.00 | 6.00 | 1.03 | 9.67 | 7.02 | 7.02 | 1.21 | 12.65 | |
| | | 17 | 3.04 | 2.90 | 0.52 | 2.02 | 3.90 | 3.90 | 0.67 | 3.97 | 4.94 | 4.94 | 0.85 | 6.92 | 6.01 | 6.01 | 1.03 | 9.69 | 7.02 | 7.02 | 1.20 | 12.55 | |
| | | 19 | - | - | - | - | 4.89 | 3.70 | 0.84 | 6.78 | 5.49 | 4.84 | 0.94 | 8.30 | 6.22 | 5.96 | 1.07 | 10.27 | 7.05 | 7.03 | 1.21 | 12.64 | |
| | | 20 | - | - | - | - | 6.74 | 3.80 | 1.16 | 11.76 | 6.71 | 4.81 | 1.16 | 11.67 | 7.02 | 5.87 | 1.21 | 12.61 | 7.52 | 6.94 | 1.29 | 14.09 | |
| 6 | | 15 | 2.50 | 2.50 | 0.36 | 1.16 | 3.54 | 3.54 | 0.51 | 1.89 | 4.48 | 4.48 | 0.64 | 3.55 | 5.47 | 5.47 | 0.78 | 5.82 | 6.53 | 6.53 | 0.93 | 8.12 | |
| | | 17 | 2.52 | 2.50 | 0.36 | 1.16 | 3.54 | 3.54 | 0.51 | 1.90 | 4.48 | 4.48 | 0.64 | 3.56 | 5.48 | 5.48 | 0.78 | 5.84 | 6.54 | 6.54 | 0.94 | 8.14 | |
| | | 19 | - | - | - | - | 3.97 | 3.29 | 0.57 | 2.58 | 4.67 | 4.38 | 0.67 | 3.99 | 5.53 | 5.47 | 0.79 | 5.95 | 6.55 | 6.54 | 0.94 | 8.15 | |
| | | 20 | - | - | - | - | 4.83 | 3.13 | 0.69 | 4.38 | 5.26 | 4.22 | 0.75 | 5.33 | 5.96 | 5.37 | 0.85 | 6.91 | 6.76 | 6.49 | 0.97 | 8.61 | |

(Continued)

| MKT3-1200G12-CL/ MKT3-1200G30-CL/ MKT3-1200G50-CL | | | | | | | | | | | | | | | | | | | | | | |
|---|----|--------------------|---------------------------|------|-------------------|------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 13 | 3 | 15 | 2.79 | 2.79 | 0.80 | 6.14 | 3.86 | 3.86 | 1.11 | 10.83 | 4.90 | 4.90 | 1.41 | 16.23 | 5.90 | 5.90 | 1.70 | 22.38 | 6.88 | 6.88 | 1.97 | 28.83 |
| | | 17 | 2.79 | 2.79 | 0.80 | 6.18 | 3.87 | 3.87 | 1.11 | 10.85 | 4.90 | 4.90 | 1.41 | 16.26 | 5.91 | 5.91 | 1.70 | 22.43 | 6.89 | 6.89 | 1.97 | 28.90 |
| | | 19 | - | - | - | - | 5.03 | 3.77 | 1.45 | 17.00 | 5.37 | 4.84 | 1.54 | 18.98 | 5.98 | 5.91 | 1.72 | 22.91 | 6.90 | 6.90 | 1.97 | 28.98 |
| | | 20 | - | - | - | - | 6.78 | 3.81 | 1.94 | 28.01 | 6.71 | 4.80 | 1.92 | 27.57 | 6.81 | 5.83 | 1.95 | 28.27 | 7.21 | 6.87 | 2.06 | 31.25 |
| | 4 | 15 | 2.38 | 2.38 | 0.51 | 1.95 | 3.35 | 3.35 | 0.72 | 4.86 | 4.41 | 4.41 | 0.95 | 8.22 | 5.46 | 5.46 | 1.17 | 11.79 | 6.48 | 6.48 | 1.40 | 15.95 |
| | | 17 | 2.37 | 2.37 | 0.51 | 1.94 | 3.35 | 3.35 | 0.72 | 4.88 | 4.42 | 4.42 | 0.95 | 8.24 | 5.46 | 5.46 | 1.17 | 11.82 | 6.49 | 6.49 | 1.40 | 15.99 |
| | | 19 | - | - | - | - | 3.75 | 3.24 | 0.80 | 6.19 | 4.56 | 4.39 | 0.98 | 8.69 | 5.47 | 5.47 | 1.17 | 11.84 | 6.50 | 6.50 | 1.40 | 16.03 |
| | | 20 | - | - | - | - | 5.17 | 3.24 | 1.11 | 10.72 | 5.37 | 4.30 | 1.15 | 11.44 | 5.89 | 5.39 | 1.26 | 13.44 | 6.60 | 6.48 | 1.42 | 16.47 |
| | 5 | 15 | 1.92 | 1.92 | 0.33 | 1.02 | 2.96 | 2.96 | 0.51 | 1.92 | 3.91 | 3.91 | 0.67 | 4.09 | 4.97 | 4.97 | 0.85 | 6.87 | 6.02 | 6.02 | 1.03 | 9.51 |
| | | 17 | 1.92 | 1.92 | 0.33 | 1.02 | 2.96 | 2.96 | 0.51 | 1.93 | 3.91 | 3.91 | 0.67 | 4.10 | 4.97 | 4.97 | 0.85 | 6.88 | 6.03 | 6.03 | 1.03 | 9.53 |
| | | 19 | - | - | - | - | 3.08 | 2.87 | 0.53 | 2.16 | 3.93 | 3.91 | 0.67 | 4.14 | 4.98 | 4.98 | 0.85 | 6.90 | 6.04 | 6.04 | 1.04 | 9.56 |
| | | 20 | - | - | - | - | 3.58 | 2.67 | 0.61 | 3.25 | 4.26 | 3.79 | 0.73 | 5.05 | 5.12 | 4.94 | 0.88 | 7.23 | 6.05 | 6.04 | 1.04 | 9.59 |
| 6 | 15 | 1.41 | 1.41 | 0.20 | 0.61 | 2.52 | 2.52 | 0.36 | 1.10 | 3.53 | 3.53 | 0.51 | 1.94 | 4.49 | 4.49 | 0.64 | 3.67 | 5.52 | 5.52 | 0.79 | 5.95 | |
| | 17 | 1.41 | 1.41 | 0.20 | 0.61 | 2.53 | 2.53 | 0.36 | 1.10 | 3.54 | 3.54 | 0.51 | 1.94 | 4.49 | 4.49 | 0.64 | 3.68 | 5.52 | 5.52 | 0.79 | 5.97 | |
| | 19 | - | - | - | - | 2.56 | 2.50 | 0.37 | 1.12 | 3.54 | 3.54 | 0.51 | 1.94 | 4.50 | 4.50 | 0.64 | 3.69 | 5.53 | 5.53 | 0.79 | 5.99 | |
| | 20 | - | - | - | - | 2.84 | 2.34 | 0.41 | 1.25 | 3.68 | 3.45 | 0.53 | 2.15 | 4.52 | 4.49 | 0.65 | 3.74 | 5.53 | 5.53 | 0.79 | 5.99 | |
| 15 | 3 | 15 | 1.78 | 1.78 | 0.51 | 1.96 | 2.80 | 2.80 | 0.80 | 6.09 | 3.87 | 3.87 | 1.10 | 10.56 | 4.90 | 4.90 | 1.41 | 16.03 | 5.89 | 5.89 | 1.68 | 21.74 |
| | | 17 | 1.78 | 1.78 | 0.51 | 1.96 | 2.80 | 2.80 | 0.80 | 6.11 | 3.87 | 3.87 | 1.11 | 10.59 | 4.91 | 4.91 | 1.41 | 16.07 | 5.90 | 5.90 | 1.69 | 21.79 |
| | | 19 | - | - | - | - | 2.85 | 2.79 | 0.81 | 6.28 | 3.87 | 3.86 | 1.11 | 10.59 | 4.92 | 4.92 | 1.41 | 16.11 | 5.91 | 5.91 | 1.69 | 21.85 |
| | | 20 | - | - | - | - | 3.62 | 2.71 | 1.03 | 9.42 | 4.17 | 3.82 | 1.19 | 12.02 | 4.95 | 4.91 | 1.42 | 16.29 | 5.91 | 5.91 | 1.69 | 21.88 |
| | 4 | 15 | 1.33 | 1.33 | 0.28 | 0.85 | 2.37 | 2.37 | 0.51 | 1.98 | 3.36 | 3.36 | 0.72 | 4.95 | 4.44 | 4.44 | 0.95 | 8.18 | 5.48 | 5.48 | 1.18 | 11.82 |
| | | 17 | 1.33 | 1.33 | 0.29 | 0.85 | 2.37 | 2.37 | 0.51 | 1.99 | 3.36 | 3.36 | 0.72 | 4.96 | 4.44 | 4.44 | 0.95 | 8.20 | 5.49 | 5.49 | 1.18 | 11.85 |
| | | 19 | - | - | - | - | 2.37 | 2.36 | 0.51 | 1.99 | 3.37 | 3.37 | 0.72 | 4.98 | 4.45 | 4.45 | 0.95 | 8.22 | 5.50 | 5.50 | 1.18 | 11.88 |
| | | 20 | - | - | - | - | 2.56 | 2.25 | 0.55 | 2.46 | 3.42 | 3.35 | 0.73 | 5.13 | 4.45 | 4.44 | 0.95 | 8.21 | 5.50 | 5.50 | 1.19 | 11.89 |
| | 5 | 15 | 0.79 | 0.79 | 0.14 | 0.40 | 1.95 | 1.95 | 0.34 | 0.99 | 2.97 | 2.97 | 0.51 | 2.04 | 3.94 | 3.94 | 0.68 | 4.33 | 5.01 | 5.01 | 0.86 | 6.92 |
| | | 17 | 0.80 | 0.80 | 0.14 | 0.40 | 1.95 | 1.95 | 0.34 | 0.99 | 2.97 | 2.97 | 0.51 | 2.04 | 3.95 | 3.95 | 0.68 | 4.34 | 5.02 | 5.02 | 0.87 | 6.94 |
| | | 19 | - | - | - | - | 1.95 | 1.95 | 0.34 | 0.99 | 2.97 | 2.97 | 0.51 | 2.05 | 3.95 | 3.95 | 0.68 | 4.36 | 5.03 | 5.03 | 0.87 | 6.95 |
| | | 20 | - | - | - | - | 2.00 | 1.91 | 0.34 | 1.01 | 2.97 | 2.97 | 0.51 | 2.05 | 3.95 | 3.95 | 0.68 | 4.37 | 5.03 | 5.03 | 0.87 | 6.96 |
| 6 | 15 | - | - | - | - | 1.44 | 1.44 | 0.21 | 0.60 | 2.56 | 2.56 | 0.37 | 1.07 | 3.55 | 3.55 | 0.51 | 2.04 | 4.51 | 4.51 | 0.65 | 3.88 | |
| | 17 | - | - | - | - | 1.45 | 1.45 | 0.21 | 0.60 | 2.56 | 2.56 | 0.37 | 1.07 | 3.55 | 3.55 | 0.51 | 2.05 | 4.52 | 4.52 | 0.65 | 3.90 | |
| | 19 | - | - | - | - | 1.45 | 1.45 | 0.21 | 0.60 | 2.56 | 2.56 | 0.37 | 1.07 | 3.56 | 3.56 | 0.51 | 2.06 | 4.53 | 4.53 | 0.65 | 3.91 | |
| | 20 | - | - | - | - | 1.44 | 1.44 | 0.21 | 0.60 | 2.56 | 2.56 | 0.37 | 1.07 | 3.56 | 3.56 | 0.51 | 2.06 | 4.53 | 4.53 | 0.65 | 3.92 | |

Abbreviations:

- EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

2-Pipe Duct MKT3(C) Series



Heating Capacity Table

| MKT3-1200G12-CL/ MKT3-1200G30-CL/ MKT3-1200G50-CL | | | | | | | | | | | | | |
|---|----|---------------------------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|
| EWT | ΔT | Indoor temperature (W.B.) | | | | | | | | | | | |
| | | 16 | | | 18 | | | 20 | | | 22 | | |
| | | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD |
| °C | °C | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa |
| 40 | 8 | 10.73 | 1.16 | 10.17 | 9.54 | 1.03 | 8.31 | 8.33 | 0.90 | 6.57 | 7.12 | 0.77 | 5.03 |
| | 10 | 9.86 | 0.85 | 6.02 | 8.63 | 0.74 | 4.80 | 7.38 | 0.64 | 3.68 | 6.08 | 0.53 | 2.64 |
| | 12 | 8.88 | 0.64 | 3.73 | 7.57 | 0.55 | 2.83 | 6.28 | 0.45 | 1.88 | 5.11 | 0.37 | 1.08 |
| | 14 | 7.74 | 0.48 | 2.11 | 6.53 | 0.40 | 1.36 | 5.35 | 0.33 | 0.81 | 4.02 | 0.25 | 0.54 |
| | 16 | 6.81 | 0.37 | 1.05 | 5.57 | 0.30 | 0.69 | 4.17 | 0.23 | 0.51 | 2.59 | 0.14 | 0.32 |
| 45 | 8 | 13.68 | 1.48 | 15.09 | 12.48 | 1.35 | 12.83 | 11.30 | 1.22 | 10.81 | 10.13 | 1.09 | 8.95 |
| | 10 | 12.91 | 1.11 | 9.29 | 11.70 | 1.01 | 7.86 | 10.50 | 0.91 | 6.53 | 9.30 | 0.80 | 5.30 |
| | 12 | 12.07 | 0.87 | 6.12 | 10.84 | 0.78 | 5.09 | 9.60 | 0.69 | 4.14 | 8.34 | 0.60 | 3.27 |
| | 14 | 11.12 | 0.69 | 4.11 | 9.84 | 0.61 | 3.34 | 8.53 | 0.53 | 2.61 | 7.21 | 0.44 | 1.86 |
| | 16 | 10.04 | 0.54 | 2.77 | 8.72 | 0.47 | 2.09 | 7.45 | 0.40 | 1.43 | 6.27 | 0.34 | 0.89 |
| 50 | 8 | 16.59 | 1.79 | 20.55 | 15.40 | 1.66 | 18.06 | 14.22 | 1.53 | 15.72 | 13.05 | 1.41 | 13.54 |
| | 10 | 15.89 | 1.37 | 13.05 | 14.69 | 1.27 | 11.39 | 13.50 | 1.17 | 9.84 | 12.31 | 1.06 | 8.40 |
| | 12 | 15.12 | 1.09 | 8.75 | 13.91 | 1.00 | 7.58 | 12.70 | 0.91 | 6.49 | 11.49 | 0.83 | 5.46 |
| | 14 | 14.29 | 0.88 | 6.13 | 13.06 | 0.80 | 5.26 | 11.82 | 0.73 | 4.44 | 10.58 | 0.65 | 3.67 |
| | 16 | 13.38 | 0.72 | 4.39 | 12.13 | 0.65 | 3.72 | 10.85 | 0.59 | 3.08 | 9.53 | 0.51 | 2.48 |
| 55 | 8 | 19.50 | 2.10 | 26.73 | 18.30 | 1.97 | 23.92 | 17.12 | 1.85 | 21.39 | 15.95 | 1.72 | 18.88 |
| | 10 | 18.83 | 1.62 | 17.09 | 17.63 | 1.52 | 15.24 | 16.43 | 1.42 | 13.49 | 15.25 | 1.32 | 11.90 |
| | 12 | 18.11 | 1.30 | 11.69 | 16.90 | 1.21 | 10.38 | 15.70 | 1.13 | 9.14 | 14.51 | 1.04 | 7.97 |
| | 14 | 17.36 | 1.07 | 8.39 | 16.14 | 1.00 | 7.40 | 14.93 | 0.92 | 6.47 | 13.71 | 0.85 | 5.59 |
| | 16 | 16.55 | 0.89 | 6.17 | 15.30 | 0.83 | 5.38 | 14.07 | 0.76 | 4.66 | 12.82 | 0.69 | 3.98 |
| 60 | 8 | 22.41 | 2.42 | 33.64 | 21.20 | 2.29 | 30.45 | 20.00 | 2.15 | 27.43 | 18.80 | 2.03 | 24.64 |
| | 10 | 21.77 | 1.88 | 21.67 | 20.55 | 1.78 | 19.62 | 19.35 | 1.67 | 17.66 | 18.16 | 1.57 | 15.81 |
| | 12 | 21.08 | 1.52 | 14.97 | 19.87 | 1.43 | 13.50 | 18.67 | 1.34 | 12.11 | 17.47 | 1.26 | 10.80 |
| | 14 | 20.36 | 1.25 | 10.79 | 19.14 | 1.18 | 9.70 | 17.93 | 1.10 | 8.66 | 16.73 | 1.03 | 7.68 |
| | 16 | 19.61 | 1.06 | 8.08 | 18.39 | 0.99 | 7.23 | 17.16 | 0.93 | 6.42 | 15.94 | 0.86 | 5.66 |

Abbreviations:

Δt: Temperature Difference. (°C) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m³/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

| MKT3-1400G12-CL/ MKT3-1400G30-CL | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|----|--------------------|---------------------------|------|-------------------|--------|-------|------|-------------------|--------|-------|-------|-------------------|--------|-------|-------|-------------------|--------|-------|-------|-------------------|--------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 5 | 3 | 15 | 10.27 | 7.82 | 2.97 | 67.58 | 10.22 | 8.94 | 2.95 | 66.96 | 10.44 | 10.08 | 2.99 | 68.69 | 11.21 | 11.21 | 3.22 | 77.88 | 12.32 | 12.32 | 3.56 | 93.03 |
| | | 17 | 13.59 | 7.85 | 3.92 | 109.65 | 13.54 | 8.98 | 3.92 | 109.54 | 13.46 | 10.09 | 3.90 | 108.74 | 13.39 | 11.19 | 3.88 | 107.72 | 13.36 | 12.28 | 3.87 | 107.29 |
| | | 19 | - | - | - | - | 17.09 | 9.00 | 4.93 | 163.67 | 17.00 | 10.12 | 4.90 | 162.10 | 16.90 | 11.22 | 4.88 | 160.53 | 16.81 | 12.31 | 4.85 | 159.00 |
| | | 20 | - | - | - | - | 18.97 | 9.02 | 5.47 | 196.54 | 18.87 | 10.13 | 5.44 | 194.65 | 18.77 | 11.23 | 5.41 | 192.82 | 18.67 | 12.33 | 5.39 | 191.07 |
| | 4 | 15 | 9.05 | 7.25 | 1.94 | 32.41 | 9.23 | 8.42 | 1.98 | 33.56 | 9.78 | 9.61 | 2.10 | 37.09 | 10.75 | 10.75 | 2.31 | 43.75 | 11.86 | 11.86 | 2.55 | 51.86 |
| | | 17 | 12.49 | 7.33 | 2.70 | 57.17 | 12.42 | 8.46 | 2.68 | 56.61 | 12.34 | 9.57 | 2.66 | 55.70 | 12.30 | 10.67 | 2.65 | 55.37 | 12.52 | 11.82 | 2.70 | 57.41 |
| | | 19 | - | - | - | - | 16.03 | 8.51 | 3.47 | 88.38 | 15.95 | 9.63 | 3.45 | 87.53 | 15.83 | 10.72 | 3.40 | 85.42 | 15.76 | 11.82 | 3.40 | 85.42 |
| | | 20 | - | - | - | - | 17.91 | 8.52 | 3.86 | 106.38 | 17.83 | 9.65 | 3.86 | 106.31 | 17.75 | 10.76 | 3.84 | 105.67 | 17.65 | 11.85 | 3.82 | 104.66 |
| | 5 | 15 | 7.87 | 6.68 | 1.36 | 17.48 | 8.38 | 7.92 | 1.44 | 19.49 | 9.17 | 9.12 | 1.57 | 22.57 | 10.27 | 10.27 | 1.76 | 27.40 | 11.39 | 11.39 | 1.96 | 33.01 |
| | | 17 | 11.25 | 6.77 | 1.94 | 32.26 | 11.19 | 7.90 | 1.93 | 31.94 | 11.13 | 9.02 | 1.92 | 31.67 | 11.32 | 10.17 | 1.95 | 32.59 | 11.78 | 11.35 | 2.03 | 34.93 |
| | | 19 | - | - | - | - | 14.86 | 7.98 | 2.56 | 51.96 | 14.78 | 9.10 | 2.55 | 51.49 | 14.71 | 10.21 | 2.54 | 51.17 | 14.61 | 11.30 | 2.51 | 50.26 |
| | | 20 | - | - | - | - | 16.78 | 8.01 | 2.88 | 63.91 | 16.69 | 9.13 | 2.87 | 63.39 | 16.61 | 10.24 | 2.86 | 63.03 | 16.52 | 11.34 | 2.85 | 62.46 |
| 6 | 15 | 6.74 | 6.07 | 0.96 | 9.63 | 7.59 | 7.38 | 1.09 | 12.01 | 8.61 | 8.61 | 1.24 | 14.90 | 9.76 | 9.76 | 1.40 | 18.33 | 10.89 | 10.89 | 1.56 | 22.11 | |
| | 17 | 9.82 | 6.14 | 1.40 | 18.46 | 9.75 | 7.27 | 1.39 | 18.25 | 9.94 | 8.45 | 1.42 | 18.86 | 10.41 | 9.66 | 1.49 | 20.43 | 11.09 | 10.86 | 1.59 | 22.80 | |
| | 19 | - | - | - | - | 13.60 | 7.42 | 1.95 | 32.49 | 13.52 | 8.55 | 1.94 | 32.18 | 13.45 | 9.66 | 1.93 | 31.87 | 13.39 | 10.76 | 1.92 | 31.63 | |
| | 20 | - | - | - | - | 15.57 | 7.47 | 2.24 | 41.02 | 15.48 | 8.60 | 2.22 | 40.63 | 15.40 | 9.71 | 2.21 | 40.25 | 15.29 | 10.80 | 2.19 | 39.50 | |
| 7 | 3 | 15 | 7.75 | 6.65 | 2.24 | 40.86 | 8.11 | 7.83 | 2.33 | 43.87 | 8.99 | 8.99 | 2.58 | 52.47 | 10.11 | 10.11 | 2.91 | 64.41 | 11.21 | 11.21 | 3.23 | 77.06 |
| | | 17 | 11.10 | 6.69 | 3.20 | 75.70 | 11.03 | 7.82 | 3.18 | 74.89 | 10.96 | 8.94 | 3.16 | 74.10 | 11.00 | 10.06 | 3.17 | 74.51 | 11.39 | 11.20 | 3.28 | 79.28 |
| | | 19 | - | - | - | - | 14.63 | 7.86 | 4.24 | 123.82 | 14.56 | 8.99 | 4.24 | 123.86 | 14.48 | 10.10 | 4.22 | 122.70 | 14.40 | 11.19 | 4.19 | 121.52 |
| | | 20 | - | - | - | - | 16.54 | 7.89 | 4.83 | 155.35 | 16.45 | 9.01 | 4.80 | 153.91 | 16.36 | 10.12 | 4.77 | 152.41 | 16.27 | 11.22 | 4.75 | 150.91 |
| | 4 | 15 | 6.74 | 6.13 | 1.45 | 19.33 | 7.46 | 7.36 | 1.60 | 23.01 | 8.53 | 8.53 | 1.85 | 29.27 | 9.64 | 9.64 | 2.08 | 35.82 | 10.76 | 10.76 | 2.33 | 43.71 |
| | | 17 | 9.86 | 6.15 | 2.12 | 37.17 | 9.80 | 7.28 | 2.11 | 36.77 | 9.82 | 8.42 | 2.11 | 36.89 | 10.16 | 9.59 | 2.19 | 39.14 | 10.83 | 10.77 | 2.34 | 44.17 |
| | | 19 | - | - | - | - | 13.47 | 7.36 | 2.91 | 64.21 | 13.40 | 8.48 | 2.90 | 63.66 | 13.33 | 9.60 | 2.89 | 63.33 | 13.25 | 10.69 | 2.87 | 62.65 |
| | | 20 | - | - | - | - | 15.40 | 7.39 | 3.33 | 81.08 | 15.31 | 8.51 | 3.31 | 80.29 | 15.22 | 9.62 | 3.29 | 79.49 | 15.14 | 10.72 | 3.27 | 78.67 |
| | 5 | 15 | 5.84 | 5.58 | 1.00 | 10.33 | 6.85 | 6.85 | 1.18 | 13.56 | 8.02 | 8.02 | 1.38 | 17.72 | 9.16 | 9.16 | 1.58 | 22.27 | 10.30 | 10.30 | 1.78 | 27.41 |
| | | 17 | 8.45 | 5.55 | 1.45 | 19.34 | 8.45 | 6.70 | 1.45 | 19.34 | 8.81 | 7.91 | 1.52 | 20.78 | 9.43 | 9.12 | 1.62 | 23.37 | 10.32 | 10.31 | 1.78 | 27.49 |
| | | 19 | - | - | - | - | 12.18 | 6.81 | 2.10 | 36.28 | 12.11 | 7.93 | 2.09 | 35.91 | 12.04 | 9.05 | 2.07 | 35.53 | 12.06 | 10.17 | 2.08 | 35.65 |
| | | 20 | - | - | - | - | 14.16 | 6.86 | 2.45 | 47.43 | 14.08 | 7.99 | 2.44 | 46.96 | 14.00 | 9.10 | 2.42 | 46.51 | 13.92 | 10.20 | 2.41 | 46.06 |
| 6 | 15 | 5.15 | 5.07 | 0.74 | 5.18 | 6.26 | 6.26 | 0.90 | 8.32 | 7.47 | 7.47 | 1.07 | 11.49 | 8.65 | 8.65 | 1.24 | 14.73 | 9.80 | 9.80 | 1.41 | 18.28 | |
| | 17 | 6.73 | 4.85 | 0.96 | 9.56 | 7.19 | 6.11 | 1.03 | 10.72 | 7.89 | 7.39 | 1.13 | 12.59 | 8.76 | 8.63 | 1.26 | 15.03 | 9.81 | 9.81 | 1.41 | 18.32 | |
| | 19 | - | - | - | - | 10.76 | 6.23 | 1.55 | 21.39 | 10.69 | 7.35 | 1.54 | 21.15 | 10.71 | 8.49 | 1.54 | 21.22 | 11.02 | 9.67 | 1.58 | 22.28 | |
| | 20 | - | - | - | - | 12.78 | 6.29 | 1.83 | 28.62 | 12.70 | 7.42 | 1.82 | 28.33 | 12.62 | 8.53 | 1.81 | 28.04 | 12.57 | 9.65 | 1.81 | 27.93 | |

2-Pipe Duct MKT3(C) Series



(Continued)

| MKT3-1400G12-CL/ MKT3-1400G30-CL | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|----|--------------------|---------------------------|------|-------------------|-------|-------|-------|-------------------|--------|-------|-------|-------------------|--------|-------|-------|-------------------|--------|-------|-------|-------------------|--------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | |
| 9 | 3 | 15 | 5.69 | 5.56 | 1.63 | 23.42 | 6.75 | 6.75 | 1.95 | 31.84 | 7.87 | 7.87 | 2.26 | 41.06 | 8.99 | 8.99 | 2.59 | 51.72 | 10.10 | 10.10 | 2.91 | 63.34 | |
| | | 17 | 8.42 | 5.53 | 2.44 | 46.68 | 8.35 | 6.66 | 2.42 | 46.06 | 8.52 | 7.83 | 2.47 | 47.70 | 9.07 | 8.99 | 2.61 | 52.53 | 10.11 | 10.11 | 2.91 | 63.49 | |
| | | 19 | - | - | - | - | 11.99 | 6.72 | 3.49 | 86.71 | 11.92 | 7.84 | 3.46 | 85.79 | 11.82 | 8.95 | 3.41 | 83.49 | 11.75 | 10.05 | 3.39 | 82.60 | |
| | | 20 | - | - | - | - | 13.90 | 6.74 | 4.05 | 112.50 | 13.82 | 7.87 | 4.02 | 111.38 | 13.71 | 8.97 | 3.96 | 108.50 | 13.63 | 10.07 | 3.94 | 107.40 | |
| | 4 | 15 | 5.05 | 5.05 | 1.09 | 11.68 | 6.24 | 6.24 | 1.34 | 16.76 | 7.40 | 7.40 | 1.60 | 22.49 | 8.53 | 8.53 | 1.84 | 28.58 | 9.65 | 9.65 | 2.08 | 35.35 | |
| | | 17 | 6.98 | 4.95 | 1.51 | 20.28 | 7.15 | 6.13 | 1.54 | 21.19 | 7.71 | 7.36 | 1.67 | 24.23 | 8.55 | 8.54 | 1.84 | 28.67 | 9.66 | 9.66 | 2.08 | 35.44 | |
| | | 19 | - | - | - | - | 10.72 | 6.20 | 2.32 | 42.72 | 10.65 | 7.32 | 2.31 | 42.27 | 10.58 | 8.44 | 2.29 | 41.79 | 10.74 | 9.58 | 2.33 | 42.88 | |
| | | 20 | - | - | - | - | 12.66 | 6.23 | 2.75 | 57.06 | 12.58 | 7.36 | 2.73 | 56.49 | 12.51 | 8.48 | 2.71 | 55.90 | 12.43 | 9.58 | 2.70 | 55.30 | |
| | 5 | 15 | 4.47 | 4.47 | 0.77 | 5.92 | 5.69 | 5.69 | 0.98 | 9.74 | 6.89 | 6.89 | 1.19 | 13.46 | 8.05 | 8.05 | 1.39 | 17.56 | 9.18 | 9.18 | 1.58 | 22.03 | |
| | | 17 | 5.42 | 4.30 | 0.93 | 8.95 | 6.12 | 5.60 | 1.05 | 11.02 | 7.01 | 6.88 | 1.21 | 13.96 | 8.06 | 8.05 | 1.39 | 17.60 | 9.20 | 9.20 | 1.58 | 22.08 | |
| | | 19 | - | - | - | - | 9.24 | 5.61 | 1.59 | 22.19 | 9.17 | 6.74 | 1.58 | 21.92 | 9.36 | 7.91 | 1.61 | 22.74 | 9.83 | 9.11 | 1.69 | 24.72 | |
| | | 20 | - | - | - | - | 11.25 | 5.67 | 1.94 | 31.15 | 11.18 | 6.80 | 1.93 | 30.82 | 11.11 | 7.92 | 1.91 | 30.47 | 11.12 | 9.05 | 1.92 | 30.55 | |
| | 6 | 15 | 4.04 | 4.04 | 0.58 | 2.79 | 5.12 | 5.12 | 0.73 | 5.31 | 6.32 | 6.32 | 0.91 | 8.48 | 7.53 | 7.53 | 1.08 | 11.44 | 8.69 | 8.69 | 1.25 | 14.62 | |
| | | 17 | 4.42 | 3.81 | 0.63 | 3.59 | 5.27 | 5.06 | 0.76 | 5.71 | 6.34 | 6.33 | 0.91 | 8.52 | 7.54 | 7.54 | 1.08 | 11.47 | 8.70 | 8.70 | 1.25 | 14.65 | |
| | | 19 | - | - | - | - | 7.48 | 4.94 | 1.07 | 11.29 | 7.74 | 6.15 | 1.11 | 11.98 | 8.31 | 7.40 | 1.19 | 13.52 | 9.04 | 8.64 | 1.30 | 15.62 | |
| | | 20 | - | - | - | - | 9.67 | 5.07 | 1.39 | 17.50 | 9.60 | 6.20 | 1.38 | 17.28 | 9.63 | 7.34 | 1.38 | 17.38 | 9.98 | 8.54 | 1.43 | 18.47 | |
| | 11 | 3 | 15 | 4.43 | 4.43 | 1.27 | 14.98 | 5.60 | 5.60 | 1.60 | 22.24 | 6.74 | 6.74 | 1.93 | 30.61 | 7.88 | 7.88 | 2.27 | 40.60 | 9.00 | 9.00 | 2.59 | 51.09 |
| | | | 17 | 5.43 | 4.33 | 1.55 | 21.07 | 5.90 | 5.55 | 1.69 | 24.34 | 6.75 | 6.74 | 1.93 | 30.65 | 7.89 | 7.89 | 2.27 | 40.70 | 9.01 | 9.01 | 2.59 | 51.22 |
| | | | 19 | - | - | - | - | 9.11 | 5.56 | 2.62 | 52.21 | 9.05 | 6.68 | 2.61 | 51.56 | 9.06 | 7.82 | 2.61 | 51.71 | 9.41 | 8.98 | 2.71 | 55.04 |
| | | | 20 | - | - | - | - | 11.04 | 5.58 | 3.19 | 73.10 | 10.97 | 6.71 | 3.17 | 72.30 | 10.91 | 7.83 | 3.15 | 71.50 | 10.83 | 8.94 | 3.12 | 70.65 |
| 4 | | 15 | 3.85 | 3.85 | 0.82 | 7.06 | 5.08 | 5.08 | 1.09 | 11.51 | 6.26 | 6.26 | 1.34 | 16.43 | 7.41 | 7.41 | 1.59 | 21.93 | 8.55 | 8.55 | 1.83 | 28.02 | |
| | | 17 | 4.23 | 3.77 | 0.91 | 8.41 | 5.16 | 5.07 | 1.11 | 11.82 | 6.27 | 6.27 | 1.34 | 16.45 | 7.42 | 7.42 | 1.59 | 21.99 | 8.56 | 8.56 | 1.84 | 28.09 | |
| | | 19 | - | - | - | - | 7.61 | 4.98 | 1.63 | 22.89 | 7.65 | 6.14 | 1.64 | 23.12 | 8.06 | 7.34 | 1.73 | 25.30 | 8.73 | 8.54 | 1.87 | 29.08 | |
| | | 20 | - | - | - | - | 9.65 | 5.05 | 2.08 | 34.83 | 9.59 | 6.18 | 2.07 | 34.43 | 9.52 | 7.31 | 2.05 | 34.03 | 9.71 | 8.46 | 2.09 | 35.18 | |
| 5 | | 15 | 3.38 | 3.38 | 0.58 | 2.93 | 4.51 | 4.51 | 0.78 | 6.21 | 5.74 | 5.74 | 0.99 | 9.74 | 6.92 | 6.92 | 1.19 | 13.27 | 8.08 | 8.08 | 1.39 | 17.44 | |
| | | 17 | 3.48 | 3.31 | 0.60 | 3.17 | 4.52 | 4.51 | 0.78 | 6.22 | 5.75 | 5.75 | 0.99 | 9.76 | 6.93 | 6.93 | 1.19 | 13.30 | 8.09 | 8.09 | 1.39 | 17.48 | |
| | | 19 | - | - | - | - | 5.93 | 4.35 | 1.02 | 10.27 | 6.49 | 5.62 | 1.12 | 11.98 | 7.23 | 6.86 | 1.24 | 14.29 | 8.15 | 8.09 | 1.40 | 17.67 | |
| | | 20 | - | - | - | - | 8.04 | 4.45 | 1.38 | 17.22 | 7.97 | 5.59 | 1.37 | 16.99 | 8.23 | 6.78 | 1.42 | 17.96 | 8.76 | 7.99 | 1.51 | 19.97 | |
| 6 | | 15 | 2.93 | 2.93 | 0.42 | 1.48 | 4.05 | 4.05 | 0.58 | 2.94 | 5.16 | 5.16 | 0.74 | 5.51 | 6.37 | 6.37 | 0.91 | 8.45 | 7.57 | 7.57 | 1.08 | 11.31 | |
| | | 17 | 2.95 | 2.91 | 0.42 | 1.49 | 4.05 | 4.05 | 0.58 | 2.94 | 5.16 | 5.16 | 0.74 | 5.53 | 6.38 | 6.38 | 0.91 | 8.47 | 7.58 | 7.58 | 1.08 | 11.33 | |
| | | 19 | - | - | - | - | 4.60 | 3.78 | 0.66 | 4.17 | 5.45 | 5.06 | 0.78 | 6.26 | 6.48 | 6.36 | 0.93 | 8.69 | 7.59 | 7.58 | 1.09 | 11.35 | |
| | | 20 | - | - | - | - | 5.89 | 3.69 | 0.84 | 7.32 | 6.36 | 4.96 | 0.91 | 8.38 | 7.08 | 6.24 | 1.01 | 10.08 | 7.91 | 7.51 | 1.13 | 12.17 | |

(Continued)

| MKT3-1400G12-CL/ MKT3-1400G30-CL | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|----|--------------------|---------------------------|------|-------------------|------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 13 | 3 | 15 | 3.25 | 3.25 | 0.93 | 8.74 | 4.45 | 4.45 | 1.28 | 14.96 | 5.62 | 5.62 | 1.61 | 22.28 | 6.75 | 6.75 | 1.93 | 30.21 | 7.87 | 7.87 | 2.25 | 39.54 |
| | | 17 | 3.27 | 3.24 | 0.94 | 8.86 | 4.46 | 4.46 | 1.28 | 14.99 | 5.62 | 5.62 | 1.62 | 22.33 | 6.76 | 6.76 | 1.93 | 30.28 | 7.88 | 7.88 | 2.26 | 39.65 |
| | | 19 | - | - | - | - | 5.90 | 4.35 | 1.70 | 24.21 | 6.21 | 5.55 | 1.78 | 26.38 | 6.86 | 6.75 | 1.96 | 31.08 | 7.89 | 7.89 | 2.26 | 39.76 |
| | | 20 | - | - | - | - | 7.88 | 4.39 | 2.25 | 39.55 | 7.81 | 5.52 | 2.23 | 38.92 | 7.87 | 6.67 | 2.25 | 39.53 | 8.29 | 7.85 | 2.38 | 43.44 |
| | 4 | 15 | 2.72 | 2.72 | 0.59 | 3.05 | 3.89 | 3.89 | 0.83 | 7.17 | 5.11 | 5.11 | 1.09 | 11.43 | 6.29 | 6.29 | 1.36 | 16.45 | 7.43 | 7.43 | 1.60 | 21.90 |
| | | 17 | 2.72 | 2.71 | 0.58 | 3.04 | 3.89 | 3.89 | 0.83 | 7.19 | 5.11 | 5.11 | 1.10 | 11.45 | 6.30 | 6.30 | 1.36 | 16.48 | 7.44 | 7.44 | 1.60 | 21.95 |
| | | 19 | - | - | - | - | 4.49 | 3.78 | 0.96 | 9.18 | 5.33 | 5.07 | 1.14 | 12.27 | 6.31 | 6.31 | 1.36 | 16.55 | 7.45 | 7.45 | 1.61 | 22.01 |
| | | 20 | - | - | - | - | 6.22 | 3.80 | 1.34 | 16.10 | 6.35 | 4.98 | 1.37 | 16.67 | 6.87 | 6.21 | 1.48 | 19.12 | 7.60 | 7.43 | 1.64 | 22.79 |
| | 5 | 15 | 2.25 | 2.25 | 0.39 | 1.29 | 3.38 | 3.38 | 0.58 | 3.01 | 4.54 | 4.54 | 0.78 | 6.30 | 5.77 | 5.77 | 0.99 | 9.59 | 6.94 | 6.94 | 1.19 | 13.16 |
| | | 17 | 2.25 | 2.25 | 0.39 | 1.30 | 3.39 | 3.39 | 0.58 | 3.02 | 4.55 | 4.55 | 0.78 | 6.32 | 5.77 | 5.77 | 0.99 | 9.62 | 6.95 | 6.95 | 1.19 | 13.19 |
| | | 19 | - | - | - | - | 3.55 | 3.28 | 0.61 | 3.44 | 4.58 | 4.54 | 0.79 | 6.42 | 5.78 | 5.78 | 0.99 | 9.63 | 6.96 | 6.96 | 1.19 | 13.22 |
| | | 20 | - | - | - | - | 4.24 | 3.10 | 0.73 | 5.43 | 5.08 | 4.43 | 0.87 | 7.74 | 6.01 | 5.72 | 1.03 | 10.27 | 6.99 | 6.96 | 1.20 | 13.32 |
| 6 | 15 | 1.68 | 1.68 | 0.24 | 0.79 | 2.95 | 2.95 | 0.42 | 1.43 | 4.05 | 4.05 | 0.58 | 3.04 | 5.20 | 5.20 | 0.74 | 5.72 | 6.42 | 6.42 | 0.92 | 8.43 | |
| | 17 | 1.68 | 1.68 | 0.24 | 0.79 | 2.95 | 2.95 | 0.42 | 1.43 | 4.06 | 4.06 | 0.58 | 3.04 | 5.20 | 5.20 | 0.74 | 5.73 | 6.43 | 6.43 | 0.92 | 8.45 | |
| | 19 | - | - | - | - | 3.01 | 2.91 | 0.43 | 1.47 | 4.06 | 4.05 | 0.58 | 3.05 | 5.21 | 5.21 | 0.75 | 5.75 | 6.44 | 6.44 | 0.92 | 8.47 | |
| | 20 | - | - | - | - | 3.35 | 2.71 | 0.48 | 1.83 | 4.23 | 3.95 | 0.61 | 3.41 | 5.26 | 5.20 | 0.75 | 5.86 | 6.44 | 6.43 | 0.92 | 8.47 | |
| 15 | 3 | 15 | 2.04 | 2.04 | 0.58 | 3.08 | 3.26 | 3.26 | 0.93 | 8.55 | 4.46 | 4.46 | 1.28 | 14.81 | 5.61 | 5.61 | 1.60 | 21.65 | 6.74 | 6.74 | 1.93 | 29.76 |
| | | 17 | 2.04 | 2.04 | 0.58 | 3.09 | 3.26 | 3.26 | 0.93 | 8.57 | 4.47 | 4.47 | 1.28 | 14.84 | 5.62 | 5.62 | 1.60 | 21.70 | 6.75 | 6.75 | 1.93 | 29.84 |
| | | 19 | - | - | - | - | 3.34 | 3.24 | 0.95 | 8.94 | 4.47 | 4.45 | 1.28 | 14.83 | 5.62 | 5.62 | 1.61 | 21.76 | 6.76 | 6.76 | 1.93 | 29.91 |
| | | 20 | - | - | - | - | 4.31 | 3.15 | 1.23 | 13.74 | 4.88 | 4.40 | 1.40 | 17.23 | 5.67 | 5.62 | 1.62 | 22.10 | 6.77 | 6.77 | 1.93 | 29.95 |
| | 4 | 15 | 1.56 | 1.56 | 0.33 | 1.08 | 2.72 | 2.72 | 0.58 | 3.12 | 3.92 | 3.92 | 0.84 | 7.19 | 5.14 | 5.14 | 1.11 | 11.48 | 6.30 | 6.30 | 1.36 | 16.27 |
| | | 17 | 1.56 | 1.56 | 0.34 | 1.08 | 2.72 | 2.72 | 0.58 | 3.13 | 3.93 | 3.93 | 0.84 | 7.20 | 5.15 | 5.15 | 1.11 | 11.51 | 6.31 | 6.31 | 1.36 | 16.30 |
| | | 19 | - | - | - | - | 2.72 | 2.71 | 0.58 | 3.13 | 3.93 | 3.93 | 0.84 | 7.22 | 5.15 | 5.15 | 1.11 | 11.54 | 6.32 | 6.32 | 1.36 | 16.35 |
| | | 20 | - | - | - | - | 2.97 | 2.59 | 0.64 | 3.98 | 4.02 | 3.90 | 0.86 | 7.50 | 5.15 | 5.14 | 1.11 | 11.53 | 6.32 | 6.32 | 1.36 | 16.35 |
| | 5 | 15 | 0.96 | 0.96 | 0.17 | 0.52 | 2.28 | 2.28 | 0.39 | 1.27 | 3.40 | 3.40 | 0.59 | 3.21 | 4.59 | 4.59 | 0.79 | 6.47 | 5.81 | 5.81 | 1.00 | 9.63 |
| | | 17 | 0.96 | 0.96 | 0.17 | 0.52 | 2.28 | 2.28 | 0.39 | 1.27 | 3.40 | 3.40 | 0.59 | 3.22 | 4.60 | 4.60 | 0.79 | 6.48 | 5.81 | 5.81 | 1.00 | 9.65 |
| | | 19 | - | - | - | - | 2.28 | 2.28 | 0.39 | 1.27 | 3.41 | 3.41 | 0.59 | 3.23 | 4.61 | 4.61 | 0.79 | 6.50 | 5.82 | 5.82 | 1.00 | 9.68 |
| | | 20 | - | - | - | - | 2.36 | 2.22 | 0.41 | 1.33 | 3.41 | 3.41 | 0.59 | 3.24 | 4.61 | 4.61 | 0.79 | 6.51 | 5.83 | 5.83 | 1.00 | 9.69 |
| 6 | 15 | - | - | - | - | 1.72 | 1.72 | 0.25 | 0.77 | 2.98 | 2.98 | 0.43 | 1.44 | 4.07 | 4.07 | 0.58 | 3.22 | 5.25 | 5.25 | 0.75 | 5.90 | |
| | 17 | - | - | - | - | 1.72 | 1.72 | 0.25 | 0.77 | 2.98 | 2.98 | 0.43 | 1.45 | 4.08 | 4.08 | 0.59 | 3.23 | 5.26 | 5.26 | 0.76 | 5.92 | |
| | 19 | - | - | - | - | 1.72 | 1.72 | 0.25 | 0.77 | 2.99 | 2.99 | 0.43 | 1.45 | 4.08 | 4.08 | 0.59 | 3.24 | 5.27 | 5.27 | 0.76 | 5.93 | |
| | 20 | - | - | - | - | 1.72 | 1.72 | 0.25 | 0.77 | 2.98 | 2.98 | 0.43 | 1.45 | 4.08 | 4.08 | 0.59 | 3.25 | 5.27 | 5.27 | 0.76 | 5.94 | |

Abbreviations:

- EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

2-Pipe Duct MKT3(C) Series



Heating Capacity Table

| MKT3-1400G12-CL/ MKT3-1400G30-CL | | | | | | | | | | | | | |
|----------------------------------|----|---------------------------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|
| EWT | ΔT | Indoor temperature (W.B.) | | | | | | | | | | | |
| | | 16 | | | 18 | | | 20 | | | 22 | | |
| | | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD |
| °C | °C | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa |
| 40 | 8 | 12.44 | 1.35 | 14.26 | 11.09 | 1.20 | 11.68 | 9.72 | 1.05 | 9.32 | 8.33 | 0.90 | 7.13 |
| | 10 | 11.49 | 0.99 | 8.51 | 10.11 | 0.87 | 6.82 | 8.69 | 0.75 | 5.27 | 7.23 | 0.62 | 3.86 |
| | 12 | 10.46 | 0.75 | 5.35 | 8.99 | 0.65 | 4.14 | 7.47 | 0.54 | 2.99 | 5.98 | 0.43 | 1.79 |
| | 14 | 9.22 | 0.57 | 3.32 | 7.68 | 0.47 | 2.24 | 6.27 | 0.39 | 1.31 | 4.83 | 0.30 | 0.73 |
| | 16 | 7.98 | 0.43 | 1.73 | 6.59 | 0.36 | 1.04 | 5.04 | 0.27 | 0.67 | 3.21 | 0.17 | 0.43 |
| 45 | 8 | 15.81 | 1.70 | 20.96 | 14.45 | 1.56 | 17.94 | 13.11 | 1.42 | 15.21 | 11.75 | 1.27 | 12.54 |
| | 10 | 14.97 | 1.29 | 13.03 | 13.60 | 1.17 | 11.04 | 12.23 | 1.05 | 9.19 | 10.85 | 0.94 | 7.49 |
| | 12 | 14.07 | 1.01 | 8.63 | 12.67 | 0.91 | 7.21 | 11.26 | 0.81 | 5.89 | 9.83 | 0.71 | 4.68 |
| | 14 | 13.05 | 0.80 | 5.84 | 11.60 | 0.71 | 4.78 | 10.12 | 0.62 | 3.80 | 8.59 | 0.53 | 2.88 |
| | 16 | 11.91 | 0.64 | 4.03 | 10.38 | 0.56 | 3.19 | 8.82 | 0.48 | 2.33 | 7.34 | 0.40 | 1.48 |
| 50 | 8 | 19.15 | 2.06 | 28.65 | 17.80 | 1.92 | 25.32 | 16.44 | 1.78 | 22.06 | 15.09 | 1.63 | 18.91 |
| | 10 | 18.38 | 1.59 | 18.23 | 17.01 | 1.47 | 15.93 | 15.64 | 1.35 | 13.78 | 14.28 | 1.23 | 11.77 |
| | 12 | 17.54 | 1.26 | 12.26 | 16.15 | 1.16 | 10.64 | 14.77 | 1.06 | 9.12 | 13.38 | 0.96 | 7.70 |
| | 14 | 16.63 | 1.03 | 8.63 | 15.23 | 0.94 | 7.42 | 13.82 | 0.85 | 6.28 | 12.40 | 0.76 | 5.22 |
| | 16 | 15.65 | 0.84 | 6.22 | 14.21 | 0.77 | 5.28 | 12.76 | 0.69 | 4.39 | 11.29 | 0.61 | 3.58 |
| 55 | 8 | 22.49 | 2.43 | 37.31 | 21.12 | 2.28 | 33.42 | 19.77 | 2.13 | 29.66 | 18.40 | 1.98 | 26.20 |
| | 10 | 21.74 | 1.87 | 23.84 | 20.37 | 1.76 | 21.27 | 19.00 | 1.64 | 18.84 | 17.64 | 1.52 | 16.56 |
| | 12 | 20.97 | 1.51 | 16.40 | 19.58 | 1.41 | 14.57 | 18.19 | 1.31 | 12.79 | 16.82 | 1.21 | 11.17 |
| | 14 | 20.13 | 1.24 | 11.75 | 18.74 | 1.16 | 10.38 | 17.34 | 1.07 | 9.08 | 15.95 | 0.98 | 7.87 |
| | 16 | 19.24 | 1.04 | 8.67 | 17.82 | 0.96 | 7.60 | 16.41 | 0.89 | 6.60 | 15.00 | 0.81 | 5.66 |
| 60 | 8 | 25.82 | 2.79 | 46.82 | 24.44 | 2.63 | 42.30 | 23.06 | 2.49 | 38.31 | 21.70 | 2.34 | 34.42 |
| | 10 | 25.10 | 2.16 | 30.08 | 23.72 | 2.05 | 27.34 | 22.35 | 1.93 | 24.63 | 20.98 | 1.81 | 22.06 |
| | 12 | 24.35 | 1.75 | 20.81 | 22.97 | 1.65 | 18.78 | 21.59 | 1.55 | 16.92 | 20.21 | 1.45 | 15.09 |
| | 14 | 23.56 | 1.45 | 15.08 | 22.16 | 1.36 | 13.56 | 20.77 | 1.28 | 12.12 | 19.39 | 1.19 | 10.76 |
| | 16 | 22.73 | 1.23 | 11.32 | 21.33 | 1.15 | 10.14 | 19.93 | 1.08 | 9.01 | 18.51 | 1.00 | 7.95 |

Abbreviations:

Δt: Temperature Difference. (°C) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m³/h) **WPD:** Water Pressure Drop. (kPa)

Cooling Capacity Table

| MKT3-1400G50-CL | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|----|--------------------|---------------------------|------|-------------------|--------|-------|------|-------------------|--------|-------|-------|-------------------|--------|-------|-------|-------------------|--------|-------|-------|-------------------|--------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 5 | 3 | 15 | 10.28 | 7.82 | 2.97 | 67.63 | 10.22 | 8.95 | 2.95 | 67.01 | 10.45 | 10.09 | 2.99 | 68.76 | 11.22 | 11.22 | 3.22 | 78.00 | 12.33 | 12.33 | 3.57 | 93.18 |
| | | 17 | 13.60 | 7.85 | 3.92 | 109.64 | 13.54 | 8.98 | 3.92 | 109.54 | 13.47 | 10.10 | 3.90 | 108.85 | 13.40 | 11.20 | 3.88 | 107.83 | 13.37 | 12.30 | 3.87 | 107.41 |
| | | 19 | - | - | - | - | 17.10 | 9.01 | 4.93 | 163.86 | 17.01 | 10.12 | 4.91 | 162.29 | 16.91 | 11.23 | 4.88 | 160.71 | 16.82 | 12.32 | 4.85 | 159.20 |
| | | 20 | - | - | - | - | 18.99 | 9.02 | 5.48 | 196.79 | 18.88 | 10.14 | 5.45 | 194.92 | 18.78 | 11.24 | 5.42 | 193.07 | 18.68 | 12.34 | 5.39 | 191.32 |
| | 4 | 15 | 9.05 | 7.25 | 1.94 | 32.41 | 9.23 | 8.42 | 1.98 | 33.57 | 9.78 | 9.62 | 2.10 | 37.12 | 10.76 | 10.76 | 2.31 | 43.80 | 11.87 | 11.87 | 2.55 | 51.94 |
| | | 17 | 12.50 | 7.34 | 2.70 | 57.20 | 12.43 | 8.46 | 2.68 | 56.64 | 12.34 | 9.57 | 2.66 | 55.74 | 12.30 | 10.68 | 2.65 | 55.40 | 12.53 | 11.82 | 2.71 | 57.46 |
| | | 19 | - | - | - | - | 16.04 | 8.52 | 3.47 | 88.46 | 15.96 | 9.63 | 3.45 | 87.62 | 15.87 | 10.74 | 3.43 | 86.80 | 15.78 | 11.84 | 3.41 | 85.98 |
| | | 20 | - | - | - | - | 17.92 | 8.53 | 3.86 | 106.48 | 17.84 | 9.65 | 3.86 | 106.30 | 17.76 | 10.77 | 3.85 | 105.77 | 17.66 | 11.86 | 3.83 | 104.77 |
| | 5 | 15 | 7.86 | 6.68 | 1.35 | 17.47 | 8.38 | 7.92 | 1.44 | 19.49 | 9.17 | 9.13 | 1.57 | 22.58 | 10.27 | 10.27 | 1.76 | 27.43 | 11.40 | 11.40 | 1.97 | 33.04 |
| | | 17 | 11.26 | 6.78 | 1.94 | 32.26 | 11.19 | 7.90 | 1.93 | 31.94 | 11.13 | 9.03 | 1.92 | 31.67 | 11.32 | 10.18 | 1.95 | 32.60 | 11.78 | 11.36 | 2.03 | 34.96 |
| | | 19 | - | - | - | - | 14.87 | 7.98 | 2.56 | 51.97 | 14.79 | 9.11 | 2.55 | 51.51 | 14.71 | 10.22 | 2.54 | 51.18 | 14.61 | 11.31 | 2.51 | 50.29 |
| | | 20 | - | - | - | - | 16.78 | 8.01 | 2.89 | 63.96 | 16.69 | 9.13 | 2.87 | 63.39 | 16.61 | 10.25 | 2.86 | 63.07 | 16.53 | 11.35 | 2.85 | 62.50 |
| 6 | 15 | 6.73 | 6.07 | 0.96 | 9.62 | 7.58 | 7.38 | 1.09 | 12.01 | 8.61 | 8.61 | 1.24 | 14.91 | 9.76 | 9.76 | 1.40 | 18.34 | 10.90 | 10.90 | 1.56 | 22.13 | |
| | 17 | 9.81 | 6.14 | 1.40 | 18.45 | 9.75 | 7.27 | 1.39 | 18.24 | 9.93 | 8.45 | 1.42 | 18.85 | 10.41 | 9.66 | 1.49 | 20.43 | 11.09 | 10.87 | 1.59 | 22.81 | |
| | 19 | - | - | - | - | 13.60 | 7.43 | 1.95 | 32.49 | 13.52 | 8.55 | 1.94 | 32.18 | 13.45 | 9.66 | 1.93 | 31.87 | 13.39 | 10.77 | 1.92 | 31.63 | |
| | 20 | - | - | - | - | 15.57 | 7.48 | 2.24 | 41.03 | 15.49 | 8.60 | 2.22 | 40.64 | 15.40 | 9.71 | 2.21 | 40.26 | 15.29 | 10.80 | 2.19 | 39.51 | |
| 7 | 3 | 15 | 7.76 | 6.66 | 2.24 | 40.85 | 8.12 | 7.84 | 2.33 | 43.90 | 9.00 | 9.00 | 2.59 | 52.54 | 10.12 | 10.12 | 2.91 | 64.53 | 11.22 | 11.22 | 3.23 | 77.18 |
| | | 17 | 11.10 | 6.70 | 3.20 | 75.75 | 11.03 | 7.83 | 3.18 | 74.95 | 10.97 | 8.94 | 3.16 | 74.15 | 11.00 | 10.07 | 3.17 | 74.57 | 11.40 | 11.21 | 3.28 | 79.38 |
| | | 19 | - | - | - | - | 14.64 | 7.87 | 4.24 | 123.82 | 14.57 | 9.00 | 4.24 | 123.85 | 14.49 | 10.11 | 4.22 | 122.83 | 14.41 | 11.20 | 4.20 | 121.63 |
| | | 20 | - | - | - | - | 16.55 | 7.90 | 4.83 | 155.56 | 16.46 | 9.02 | 4.80 | 154.07 | 16.37 | 10.13 | 4.78 | 152.59 | 16.28 | 11.23 | 4.75 | 151.09 |
| | 4 | 15 | 6.74 | 6.13 | 1.45 | 19.33 | 7.46 | 7.36 | 1.60 | 23.02 | 8.54 | 8.54 | 1.85 | 29.30 | 9.65 | 9.65 | 2.08 | 35.86 | 10.77 | 10.77 | 2.33 | 43.77 |
| | | 17 | 9.86 | 6.16 | 2.12 | 37.18 | 9.80 | 7.29 | 2.11 | 36.77 | 9.82 | 8.42 | 2.11 | 36.91 | 10.16 | 9.60 | 2.19 | 39.17 | 10.84 | 10.78 | 2.35 | 44.22 |
| | | 19 | - | - | - | - | 13.48 | 7.36 | 2.91 | 64.25 | 13.40 | 8.49 | 2.90 | 63.69 | 13.34 | 9.60 | 2.89 | 63.38 | 13.26 | 10.70 | 2.87 | 62.68 |
| | | 20 | - | - | - | - | 15.40 | 7.39 | 3.33 | 81.14 | 15.32 | 8.52 | 3.31 | 80.36 | 15.23 | 9.63 | 3.30 | 79.56 | 15.14 | 10.73 | 3.28 | 78.76 |
| | 5 | 15 | 5.84 | 5.58 | 1.00 | 10.32 | 6.85 | 6.85 | 1.18 | 13.57 | 8.02 | 8.02 | 1.38 | 17.74 | 9.17 | 9.17 | 1.58 | 22.29 | 10.31 | 10.31 | 1.78 | 27.44 |
| | | 17 | 8.45 | 5.56 | 1.45 | 19.32 | 8.45 | 6.71 | 1.45 | 19.33 | 8.81 | 7.91 | 1.52 | 20.78 | 9.43 | 9.13 | 1.62 | 23.38 | 10.32 | 10.32 | 1.78 | 27.52 |
| | | 19 | - | - | - | - | 12.19 | 6.81 | 2.10 | 36.28 | 12.11 | 7.94 | 2.09 | 35.91 | 12.04 | 9.05 | 2.07 | 35.54 | 12.06 | 10.18 | 2.08 | 35.66 |
| | | 20 | - | - | - | - | 14.17 | 6.87 | 2.45 | 47.44 | 14.09 | 7.99 | 2.44 | 46.98 | 14.01 | 9.11 | 2.42 | 46.52 | 13.93 | 10.21 | 2.41 | 46.08 |
| 6 | 15 | 5.15 | 5.07 | 0.74 | 5.18 | 6.26 | 6.26 | 0.90 | 8.32 | 7.48 | 7.48 | 1.07 | 11.49 | 8.65 | 8.65 | 1.24 | 14.73 | 9.81 | 9.81 | 1.41 | 18.30 | |
| | 17 | 6.72 | 4.85 | 0.96 | 9.54 | 7.18 | 6.11 | 1.03 | 10.71 | 7.89 | 7.39 | 1.13 | 12.58 | 8.76 | 8.64 | 1.26 | 15.04 | 9.82 | 9.82 | 1.41 | 18.33 | |
| | 19 | - | - | - | - | 10.76 | 6.23 | 1.55 | 21.37 | 10.69 | 7.35 | 1.54 | 21.14 | 10.71 | 8.49 | 1.54 | 21.21 | 11.01 | 9.67 | 1.58 | 22.28 | |
| | 20 | - | - | - | - | 12.77 | 6.29 | 1.83 | 28.62 | 12.70 | 7.42 | 1.82 | 28.32 | 12.62 | 8.54 | 1.81 | 28.04 | 12.57 | 9.66 | 1.81 | 27.94 | |

2-Pipe Duct MKT3(C) Series



(Continued)

| MKT3-1400G50-CL | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|----|--------------------|---------------------------|------|-------------------|-------|-------|------|-------------------|--------|-------|------|-------------------|--------|-------|------|-------------------|--------|-------|-------|-------------------|--------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 9 | 3 | 15 | 5.69 | 5.57 | 1.63 | 23.43 | 6.75 | 6.75 | 1.95 | 31.88 | 7.88 | 7.88 | 2.27 | 41.11 | 9.00 | 9.00 | 2.59 | 51.79 | 10.10 | 10.10 | 2.91 | 63.42 |
| | | 17 | 8.42 | 5.54 | 2.44 | 46.69 | 8.36 | 6.67 | 2.42 | 46.07 | 8.53 | 7.83 | 2.47 | 47.73 | 9.08 | 9.00 | 2.61 | 52.59 | 10.12 | 10.12 | 2.91 | 63.58 |
| | | 19 | - | - | - | - | 12.00 | 6.73 | 3.49 | 86.78 | 11.93 | 7.85 | 3.47 | 85.86 | 11.83 | 8.95 | 3.41 | 83.55 | 11.76 | 10.06 | 3.39 | 82.67 |
| | | 20 | - | - | - | - | 13.90 | 6.74 | 4.05 | 112.60 | 13.82 | 7.87 | 4.03 | 111.49 | 13.72 | 8.98 | 3.97 | 108.95 | 13.64 | 10.08 | 3.94 | 107.51 |
| | 4 | 15 | 5.06 | 5.05 | 1.09 | 11.68 | 6.24 | 6.24 | 1.35 | 16.77 | 7.41 | 7.41 | 1.60 | 22.51 | 8.54 | 8.54 | 1.84 | 28.61 | 9.66 | 9.66 | 2.08 | 35.40 |
| | | 17 | 6.97 | 4.95 | 1.50 | 20.27 | 7.15 | 6.14 | 1.54 | 21.18 | 7.71 | 7.36 | 1.67 | 24.24 | 8.55 | 8.55 | 1.84 | 28.70 | 9.67 | 9.67 | 2.08 | 35.48 |
| | | 19 | - | - | - | - | 10.72 | 6.20 | 2.32 | 42.72 | 10.65 | 7.33 | 2.31 | 42.28 | 10.58 | 8.45 | 2.29 | 41.80 | 10.74 | 9.59 | 2.33 | 42.91 |
| | | 20 | - | - | - | - | 12.66 | 6.23 | 2.75 | 57.09 | 12.59 | 7.36 | 2.73 | 56.51 | 12.51 | 8.48 | 2.71 | 55.93 | 12.43 | 9.59 | 2.70 | 55.33 |
| | 5 | 15 | 4.47 | 4.47 | 0.77 | 5.92 | 5.69 | 5.69 | 0.98 | 9.74 | 6.89 | 6.89 | 1.19 | 13.47 | 8.05 | 8.05 | 1.39 | 17.58 | 9.19 | 9.19 | 1.58 | 22.05 |
| | | 17 | 5.42 | 4.30 | 0.93 | 8.93 | 6.12 | 5.60 | 1.05 | 11.02 | 7.01 | 6.88 | 1.21 | 13.97 | 8.06 | 8.06 | 1.39 | 17.61 | 9.20 | 9.20 | 1.58 | 22.10 |
| | | 19 | - | - | - | - | 9.23 | 5.61 | 1.59 | 22.18 | 9.17 | 6.74 | 1.58 | 21.91 | 9.36 | 7.91 | 1.61 | 22.73 | 9.83 | 9.11 | 1.69 | 24.72 |
| | | 20 | - | - | - | - | 11.25 | 5.67 | 1.94 | 31.15 | 11.18 | 6.80 | 1.93 | 30.81 | 11.10 | 7.92 | 1.91 | 30.46 | 11.12 | 9.05 | 1.92 | 30.55 |
| | 6 | 15 | 4.04 | 4.04 | 0.58 | 2.79 | 5.12 | 5.12 | 0.73 | 5.31 | 6.32 | 6.32 | 0.91 | 8.48 | 7.53 | 7.53 | 1.08 | 11.45 | 8.69 | 8.69 | 1.25 | 14.63 |
| | | 17 | 4.41 | 3.81 | 0.63 | 3.58 | 5.27 | 5.06 | 0.76 | 5.70 | 6.34 | 6.33 | 0.91 | 8.52 | 7.54 | 7.54 | 1.08 | 11.48 | 8.71 | 8.71 | 1.25 | 14.66 |
| | | 19 | - | - | - | - | 7.47 | 4.94 | 1.07 | 11.27 | 7.74 | 6.15 | 1.11 | 11.96 | 8.31 | 7.40 | 1.19 | 13.51 | 9.04 | 8.64 | 1.30 | 15.62 |
| | | 20 | - | - | - | - | 9.67 | 5.06 | 1.39 | 17.48 | 9.60 | 6.20 | 1.38 | 17.26 | 9.63 | 7.35 | 1.38 | 17.37 | 9.98 | 8.54 | 1.43 | 18.46 |
| 11 | 3 | 15 | 4.43 | 4.43 | 1.27 | 14.99 | 5.60 | 5.60 | 1.60 | 22.26 | 6.75 | 6.75 | 1.93 | 30.64 | 7.89 | 7.89 | 2.27 | 40.65 | 9.00 | 9.00 | 2.59 | 51.16 |
| | | 17 | 5.43 | 4.33 | 1.55 | 21.06 | 5.91 | 5.56 | 1.69 | 24.35 | 6.75 | 6.75 | 1.93 | 30.69 | 7.90 | 7.90 | 2.27 | 40.75 | 9.02 | 9.02 | 2.60 | 51.29 |
| | | 19 | - | - | - | - | 9.12 | 5.56 | 2.63 | 52.23 | 9.05 | 6.69 | 2.61 | 51.57 | 9.07 | 7.82 | 2.61 | 51.74 | 9.41 | 8.98 | 2.70 | 55.03 |
| | | 20 | - | - | - | - | 11.05 | 5.59 | 3.19 | 73.15 | 10.98 | 6.72 | 3.17 | 72.33 | 10.91 | 7.84 | 3.15 | 71.55 | 10.84 | 8.95 | 3.13 | 70.69 |
| | 4 | 15 | 3.85 | 3.85 | 0.82 | 7.06 | 5.09 | 5.09 | 1.09 | 11.52 | 6.27 | 6.27 | 1.34 | 16.44 | 7.42 | 7.42 | 1.59 | 21.96 | 8.55 | 8.55 | 1.83 | 28.05 |
| | | 17 | 4.23 | 3.77 | 0.90 | 8.40 | 5.17 | 5.07 | 1.11 | 11.82 | 6.27 | 6.27 | 1.34 | 16.47 | 7.43 | 7.43 | 1.59 | 22.01 | 8.56 | 8.56 | 1.84 | 28.12 |
| | | 19 | - | - | - | - | 7.61 | 4.98 | 1.63 | 22.88 | 7.65 | 6.14 | 1.64 | 23.11 | 8.06 | 7.34 | 1.73 | 25.30 | 8.73 | 8.55 | 1.87 | 29.10 |
| | | 20 | - | - | - | - | 9.65 | 5.05 | 2.08 | 34.83 | 9.59 | 6.19 | 2.07 | 34.43 | 9.52 | 7.31 | 2.05 | 34.03 | 9.71 | 8.47 | 2.09 | 35.19 |
| | 5 | 15 | 3.38 | 3.38 | 0.58 | 2.92 | 4.51 | 4.51 | 0.78 | 6.21 | 5.74 | 5.74 | 0.99 | 9.74 | 6.92 | 6.92 | 1.19 | 13.28 | 8.09 | 8.09 | 1.39 | 17.45 |
| | | 17 | 3.48 | 3.31 | 0.60 | 3.17 | 4.52 | 4.51 | 0.78 | 6.22 | 5.75 | 5.75 | 0.99 | 9.76 | 6.93 | 6.93 | 1.19 | 13.31 | 8.10 | 8.10 | 1.40 | 17.49 |
| | | 19 | - | - | - | - | 5.93 | 4.35 | 1.02 | 10.25 | 6.49 | 5.62 | 1.12 | 11.97 | 7.23 | 6.87 | 1.24 | 14.29 | 8.15 | 8.10 | 1.40 | 17.68 |
| | | 20 | - | - | - | - | 8.03 | 4.45 | 1.38 | 17.20 | 7.97 | 5.59 | 1.37 | 16.97 | 8.23 | 6.78 | 1.42 | 17.95 | 8.76 | 8.00 | 1.51 | 19.97 |
| | 6 | 15 | 2.93 | 2.93 | 0.42 | 1.48 | 4.05 | 4.05 | 0.58 | 2.94 | 5.16 | 5.16 | 0.74 | 5.51 | 6.37 | 6.37 | 0.91 | 8.45 | 7.57 | 7.57 | 1.08 | 11.31 |
| | | 17 | 2.95 | 2.91 | 0.42 | 1.49 | 4.05 | 4.05 | 0.58 | 2.94 | 5.16 | 5.16 | 0.74 | 5.53 | 6.38 | 6.38 | 0.91 | 8.47 | 7.58 | 7.58 | 1.08 | 11.34 |
| | | 19 | - | - | - | - | 4.60 | 3.78 | 0.66 | 4.16 | 5.44 | 5.06 | 0.78 | 6.25 | 6.48 | 6.36 | 0.93 | 8.69 | 7.59 | 7.58 | 1.09 | 11.36 |
| | | 20 | - | - | - | - | 5.88 | 3.69 | 0.84 | 7.30 | 6.35 | 4.96 | 0.91 | 8.37 | 7.08 | 6.24 | 1.01 | 10.07 | 7.91 | 7.51 | 1.13 | 12.17 |

(Continued)

| MKT3-1400G50-CL | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|----|--------------------|---------------------------|------|-------------------|------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|------|------|-------------------|-------|
| EWT | ΔT | Indoor temp (W.B.) | Indoor temperature (D.B.) | | | | | | | | | | | | | | | | | | | |
| | | | 21 | | | | 23 | | | | 25 | | | | 27 | | | | 29 | | | |
| | | | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD | TC | SC | WF | WPD |
| °C | °C | °C | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa | kW | kW | m ³ /h | kPa |
| 13 | 3 | 15 | 3.25 | 3.25 | 0.93 | 8.74 | 4.45 | 4.45 | 1.28 | 14.97 | 5.62 | 5.62 | 1.62 | 22.30 | 6.75 | 6.75 | 1.93 | 30.25 | 7.88 | 7.88 | 2.25 | 39.60 |
| | | 17 | 3.27 | 3.24 | 0.94 | 8.86 | 4.46 | 4.46 | 1.28 | 15.00 | 5.63 | 5.63 | 1.62 | 22.35 | 6.76 | 6.76 | 1.93 | 30.32 | 7.89 | 7.89 | 2.26 | 39.71 |
| | | 19 | - | - | - | - | 5.90 | 4.35 | 1.70 | 24.20 | 6.21 | 5.55 | 1.78 | 26.39 | 6.86 | 6.75 | 1.96 | 31.10 | 7.90 | 7.90 | 2.26 | 39.83 |
| | | 20 | - | - | - | - | 7.88 | 4.39 | 2.25 | 39.55 | 7.81 | 5.52 | 2.23 | 38.92 | 7.88 | 6.68 | 2.25 | 39.54 | 8.29 | 7.86 | 2.38 | 43.47 |
| | 4 | 15 | 2.72 | 2.72 | 0.58 | 3.04 | 3.89 | 3.89 | 0.83 | 7.18 | 5.11 | 5.11 | 1.09 | 11.43 | 6.29 | 6.29 | 1.36 | 16.46 | 7.44 | 7.44 | 1.60 | 21.92 |
| | | 17 | 2.72 | 2.71 | 0.58 | 3.04 | 3.89 | 3.89 | 0.83 | 7.19 | 5.12 | 5.12 | 1.10 | 11.46 | 6.30 | 6.30 | 1.36 | 16.50 | 7.45 | 7.45 | 1.60 | 21.98 |
| | | 19 | - | - | - | - | 4.49 | 3.78 | 0.96 | 9.17 | 5.33 | 5.07 | 1.14 | 12.27 | 6.31 | 6.31 | 1.36 | 16.56 | 7.46 | 7.46 | 1.61 | 22.03 |
| | | 20 | - | - | - | - | 6.21 | 3.80 | 1.34 | 16.08 | 6.34 | 4.98 | 1.37 | 16.66 | 6.87 | 6.21 | 1.48 | 19.12 | 7.61 | 7.43 | 1.64 | 22.80 |
| | 5 | 15 | 2.25 | 2.25 | 0.39 | 1.29 | 3.38 | 3.38 | 0.58 | 3.01 | 4.54 | 4.54 | 0.78 | 6.30 | 5.77 | 5.77 | 0.99 | 9.60 | 6.95 | 6.95 | 1.19 | 13.17 |
| | | 17 | 2.25 | 2.25 | 0.39 | 1.29 | 3.38 | 3.38 | 0.58 | 3.01 | 4.55 | 4.55 | 0.78 | 6.32 | 5.78 | 5.78 | 0.99 | 9.62 | 6.96 | 6.96 | 1.19 | 13.20 |
| | | 19 | - | - | - | - | 3.55 | 3.28 | 0.61 | 3.43 | 4.58 | 4.54 | 0.79 | 6.41 | 5.78 | 5.78 | 0.99 | 9.63 | 6.97 | 6.97 | 1.20 | 13.23 |
| | | 20 | - | - | - | - | 4.23 | 3.10 | 0.73 | 5.42 | 5.08 | 4.43 | 0.87 | 7.73 | 6.01 | 5.72 | 1.03 | 10.27 | 7.00 | 6.96 | 1.20 | 13.33 |
| 6 | 15 | 1.68 | 1.68 | 0.24 | 0.79 | 2.95 | 2.95 | 0.42 | 1.43 | 4.05 | 4.05 | 0.58 | 3.03 | 5.20 | 5.20 | 0.74 | 5.71 | 6.42 | 6.42 | 0.92 | 8.43 | |
| | 17 | 1.68 | 1.68 | 0.24 | 0.79 | 2.95 | 2.95 | 0.42 | 1.43 | 4.06 | 4.06 | 0.58 | 3.04 | 5.20 | 5.20 | 0.74 | 5.73 | 6.43 | 6.43 | 0.92 | 8.45 | |
| | 19 | - | - | - | - | 3.00 | 2.91 | 0.43 | 1.47 | 4.06 | 4.05 | 0.58 | 3.05 | 5.21 | 5.21 | 0.75 | 5.75 | 6.44 | 6.44 | 0.92 | 8.47 | |
| | 20 | - | - | - | - | 3.34 | 2.71 | 0.48 | 1.83 | 4.23 | 3.95 | 0.60 | 3.41 | 5.26 | 5.20 | 0.75 | 5.86 | 6.44 | 6.43 | 0.92 | 8.47 | |
| 15 | 3 | 15 | 2.04 | 2.04 | 0.58 | 3.08 | 3.26 | 3.26 | 0.93 | 8.55 | 4.47 | 4.47 | 1.28 | 14.82 | 5.61 | 5.61 | 1.60 | 21.67 | 6.75 | 6.75 | 1.93 | 29.80 |
| | | 17 | 2.04 | 2.04 | 0.58 | 3.08 | 3.26 | 3.26 | 0.93 | 8.57 | 4.47 | 4.47 | 1.29 | 14.85 | 5.62 | 5.62 | 1.60 | 21.72 | 6.76 | 6.76 | 1.93 | 29.87 |
| | | 19 | - | - | - | - | 3.34 | 3.24 | 0.95 | 8.94 | 4.47 | 4.46 | 1.28 | 14.84 | 5.63 | 5.63 | 1.61 | 21.78 | 6.77 | 6.77 | 1.93 | 29.95 |
| | | 20 | - | - | - | - | 4.30 | 3.15 | 1.23 | 13.73 | 4.88 | 4.40 | 1.40 | 17.23 | 5.68 | 5.62 | 1.62 | 22.11 | 6.77 | 6.77 | 1.94 | 29.99 |
| | 4 | 15 | 1.56 | 1.56 | 0.33 | 1.08 | 2.72 | 2.72 | 0.58 | 3.12 | 3.92 | 3.92 | 0.84 | 7.19 | 5.14 | 5.14 | 1.11 | 11.49 | 6.30 | 6.30 | 1.36 | 16.28 |
| | | 17 | 1.56 | 1.56 | 0.33 | 1.08 | 2.72 | 2.72 | 0.58 | 3.13 | 3.93 | 3.93 | 0.84 | 7.21 | 5.15 | 5.15 | 1.11 | 11.52 | 6.31 | 6.31 | 1.36 | 16.32 |
| | | 19 | - | - | - | - | 2.72 | 2.71 | 0.58 | 3.13 | 3.93 | 3.93 | 0.84 | 7.22 | 5.16 | 5.16 | 1.11 | 11.55 | 6.32 | 6.32 | 1.36 | 16.35 |
| | | 20 | - | - | - | - | 2.97 | 2.59 | 0.64 | 3.97 | 4.02 | 3.90 | 0.86 | 7.50 | 5.15 | 5.14 | 1.11 | 11.54 | 6.32 | 6.32 | 1.36 | 16.35 |
| | 5 | 15 | 0.96 | 0.96 | 0.17 | 0.52 | 2.28 | 2.28 | 0.39 | 1.27 | 3.40 | 3.40 | 0.59 | 3.21 | 4.59 | 4.59 | 0.79 | 6.47 | 5.81 | 5.81 | 1.00 | 9.64 |
| | | 17 | 0.96 | 0.96 | 0.17 | 0.52 | 2.28 | 2.28 | 0.39 | 1.27 | 3.40 | 3.40 | 0.59 | 3.22 | 4.60 | 4.60 | 0.79 | 6.48 | 5.81 | 5.81 | 1.00 | 9.66 |
| | | 19 | - | - | - | - | 2.28 | 2.28 | 0.39 | 1.27 | 3.41 | 3.41 | 0.59 | 3.23 | 4.61 | 4.61 | 0.79 | 6.50 | 5.82 | 5.82 | 1.00 | 9.68 |
| | | 20 | - | - | - | - | 2.36 | 2.22 | 0.41 | 1.32 | 3.41 | 3.41 | 0.59 | 3.23 | 4.61 | 4.61 | 0.79 | 6.51 | 5.83 | 5.83 | 1.00 | 9.70 |
| 6 | 15 | - | - | - | - | 1.71 | 1.71 | 0.25 | 0.77 | 2.98 | 2.98 | 0.43 | 1.44 | 4.07 | 4.07 | 0.58 | 3.22 | 5.25 | 5.25 | 0.75 | 5.90 | |
| | 17 | - | - | - | - | 1.71 | 1.71 | 0.25 | 0.77 | 2.98 | 2.98 | 0.43 | 1.45 | 4.08 | 4.08 | 0.59 | 3.23 | 5.26 | 5.26 | 0.76 | 5.92 | |
| | 19 | - | - | - | - | 1.72 | 1.72 | 0.25 | 0.77 | 2.98 | 2.98 | 0.43 | 1.45 | 4.08 | 4.08 | 0.59 | 3.24 | 5.27 | 5.27 | 0.76 | 5.93 | |
| | 20 | - | - | - | - | 1.72 | 1.72 | 0.25 | 0.77 | 2.98 | 2.98 | 0.43 | 1.45 | 4.08 | 4.08 | 0.59 | 3.25 | 5.27 | 5.27 | 0.76 | 5.94 | |

Abbreviations:

- EWT: Enter Water Temp. (°C) Δt: Temperature Difference. (°C) DB: Dry Bulb Temp. (°C) WF: Water Flow. (m³/h)
 WB: Wet Bulb Temp. (°C) TC: Total Cooling Capacity. (kW) SC: Sensible Cooling Capacity. (kW) WPD: Water Pressure Drop. (kPa)

2-Pipe Duct MKT3(C) Series



Heating Capacity Table

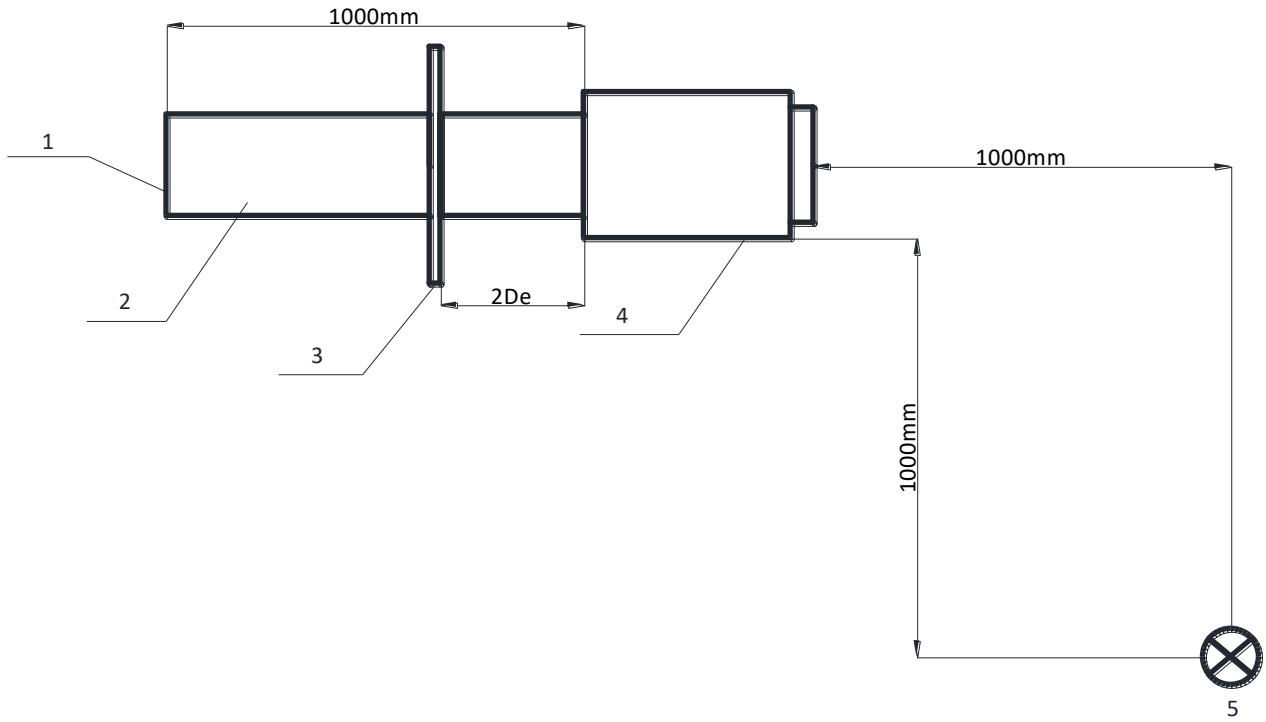
| MKT3-1400G50-CL | | | | | | | | | | | | | |
|-----------------|----|---------------------------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|-------|-------------------|-------|
| EWT | ΔT | Indoor temperature (W.B.) | | | | | | | | | | | |
| | | 16 | | | 18 | | | 20 | | | 22 | | |
| | | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD | TH | WF | WPD |
| °C | °C | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa | kW | m ³ /h | kPa |
| 40 | 8 | 12.45 | 1.35 | 14.25 | 11.08 | 1.20 | 11.67 | 9.72 | 1.05 | 9.31 | 8.33 | 0.90 | 7.12 |
| | 10 | 11.51 | 0.99 | 8.50 | 10.10 | 0.87 | 6.81 | 8.68 | 0.75 | 5.26 | 7.23 | 0.62 | 3.86 |
| | 12 | 10.46 | 0.75 | 5.34 | 8.98 | 0.65 | 4.13 | 7.46 | 0.54 | 2.98 | 5.97 | 0.43 | 1.78 |
| | 14 | 9.20 | 0.57 | 3.32 | 7.67 | 0.47 | 2.23 | 6.26 | 0.39 | 1.31 | 4.81 | 0.30 | 0.72 |
| | 16 | 7.96 | 0.43 | 1.72 | 6.58 | 0.36 | 1.04 | 5.02 | 0.27 | 0.66 | 3.19 | 0.17 | 0.43 |
| 45 | 8 | 15.81 | 1.70 | 20.96 | 14.45 | 1.56 | 17.94 | 13.11 | 1.42 | 15.21 | 11.75 | 1.27 | 12.54 |
| | 10 | 14.97 | 1.29 | 13.02 | 13.60 | 1.17 | 11.03 | 12.21 | 1.05 | 9.19 | 10.84 | 0.94 | 7.48 |
| | 12 | 14.06 | 1.01 | 8.62 | 12.64 | 0.91 | 7.20 | 11.25 | 0.81 | 5.88 | 9.82 | 0.71 | 4.67 |
| | 14 | 13.04 | 0.80 | 5.84 | 11.59 | 0.71 | 4.78 | 10.11 | 0.62 | 3.79 | 8.58 | 0.53 | 2.87 |
| | 16 | 11.90 | 0.64 | 4.02 | 10.36 | 0.56 | 3.18 | 8.80 | 0.48 | 2.32 | 7.33 | 0.40 | 1.48 |
| 50 | 8 | 19.16 | 2.06 | 28.66 | 17.80 | 1.92 | 25.33 | 16.45 | 1.78 | 22.06 | 15.09 | 1.63 | 18.91 |
| | 10 | 18.38 | 1.59 | 18.22 | 17.01 | 1.47 | 15.93 | 15.64 | 1.35 | 13.78 | 14.28 | 1.23 | 11.77 |
| | 12 | 17.53 | 1.26 | 12.26 | 16.15 | 1.16 | 10.64 | 14.76 | 1.06 | 9.12 | 13.38 | 0.96 | 7.70 |
| | 14 | 16.62 | 1.02 | 8.62 | 15.22 | 0.94 | 7.41 | 13.81 | 0.85 | 6.27 | 12.39 | 0.76 | 5.21 |
| | 16 | 15.64 | 0.84 | 6.21 | 14.20 | 0.77 | 5.27 | 12.74 | 0.69 | 4.39 | 11.28 | 0.61 | 3.57 |
| 55 | 8 | 22.50 | 2.43 | 37.33 | 21.13 | 2.28 | 33.43 | 19.76 | 2.13 | 29.67 | 18.40 | 1.98 | 26.21 |
| | 10 | 21.75 | 1.87 | 23.84 | 20.37 | 1.76 | 21.27 | 19.00 | 1.64 | 18.84 | 17.64 | 1.52 | 16.56 |
| | 12 | 20.96 | 1.51 | 16.40 | 19.58 | 1.41 | 14.57 | 18.19 | 1.31 | 12.79 | 16.82 | 1.21 | 11.16 |
| | 14 | 20.13 | 1.24 | 11.74 | 18.73 | 1.16 | 10.37 | 17.34 | 1.07 | 9.08 | 15.95 | 0.98 | 7.86 |
| | 16 | 19.23 | 1.04 | 8.66 | 17.82 | 0.96 | 7.60 | 16.40 | 0.89 | 6.59 | 14.99 | 0.81 | 5.65 |
| 60 | 8 | 25.82 | 2.78 | 46.66 | 24.46 | 2.63 | 42.32 | 23.07 | 2.49 | 38.33 | 21.71 | 2.34 | 34.44 |
| | 10 | 25.11 | 2.16 | 30.09 | 23.74 | 2.05 | 27.35 | 22.35 | 1.93 | 24.64 | 20.98 | 1.81 | 22.06 |
| | 12 | 24.35 | 1.75 | 20.81 | 22.97 | 1.65 | 18.78 | 21.59 | 1.55 | 16.92 | 20.21 | 1.45 | 15.09 |
| | 14 | 23.56 | 1.45 | 15.08 | 22.16 | 1.36 | 13.56 | 20.77 | 1.28 | 12.12 | 19.39 | 1.19 | 10.76 |
| | 16 | 22.73 | 1.23 | 11.32 | 21.32 | 1.15 | 10.13 | 19.92 | 1.08 | 9.01 | 18.52 | 1.00 | 7.95 |

Abbreviations:

Δt: Temperature Difference. (°C) **TH:** Total Heating Capacity. (kW) **WF:** Water Flow. (m³/h) **WPD:** Water Pressure Drop. (kPa)

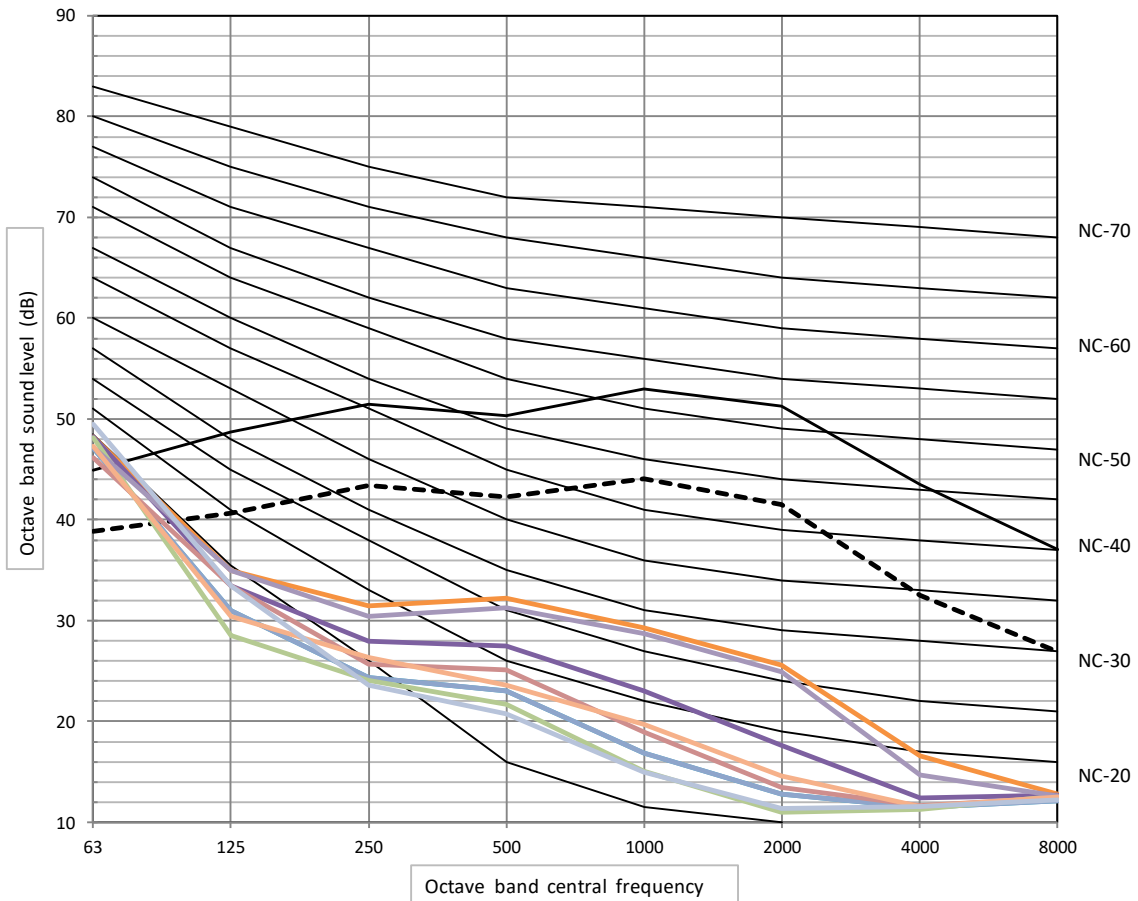
4 Octave Band Levels

Test condition

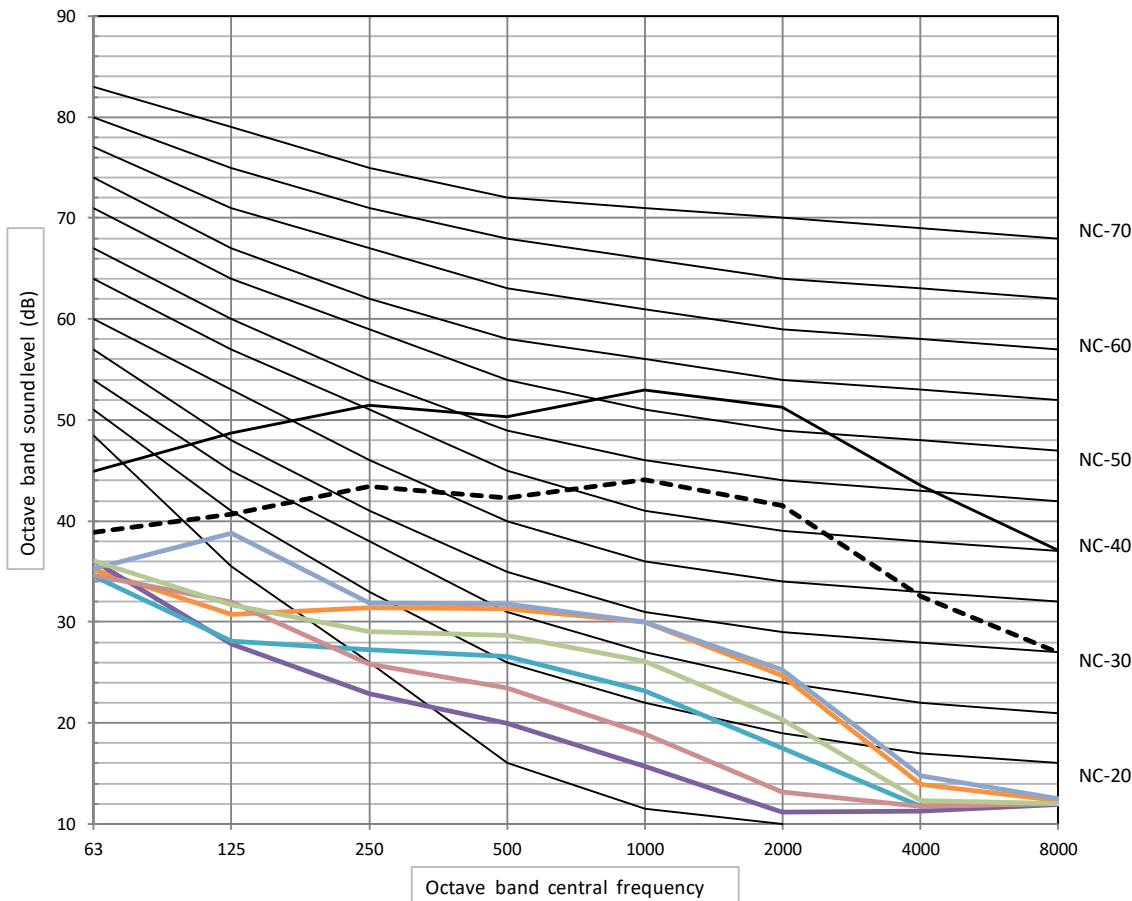


1-Damping net 2-Duct 3-Static pressure loop 4-Test unit De-Equivalent diameter of air return of the unit

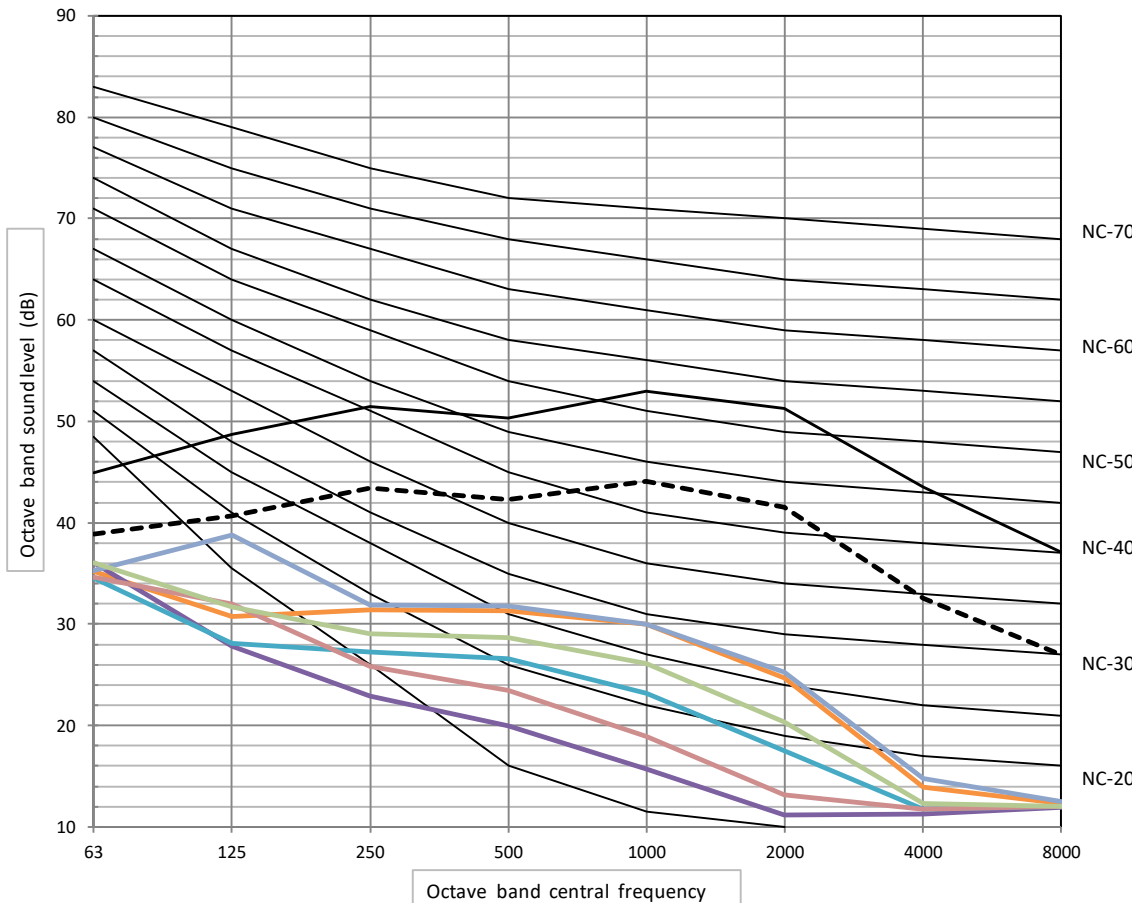
MKT3-200G12-CL



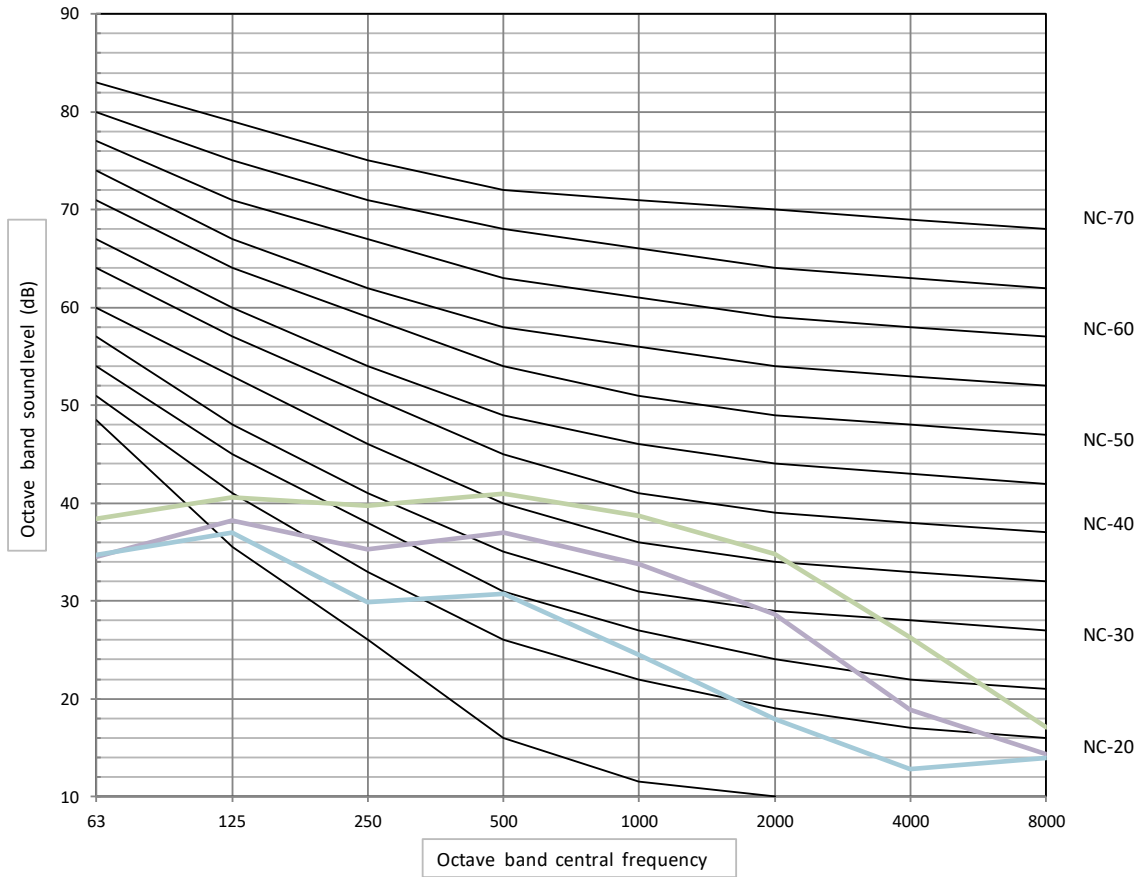
MKT3-300G12-CL



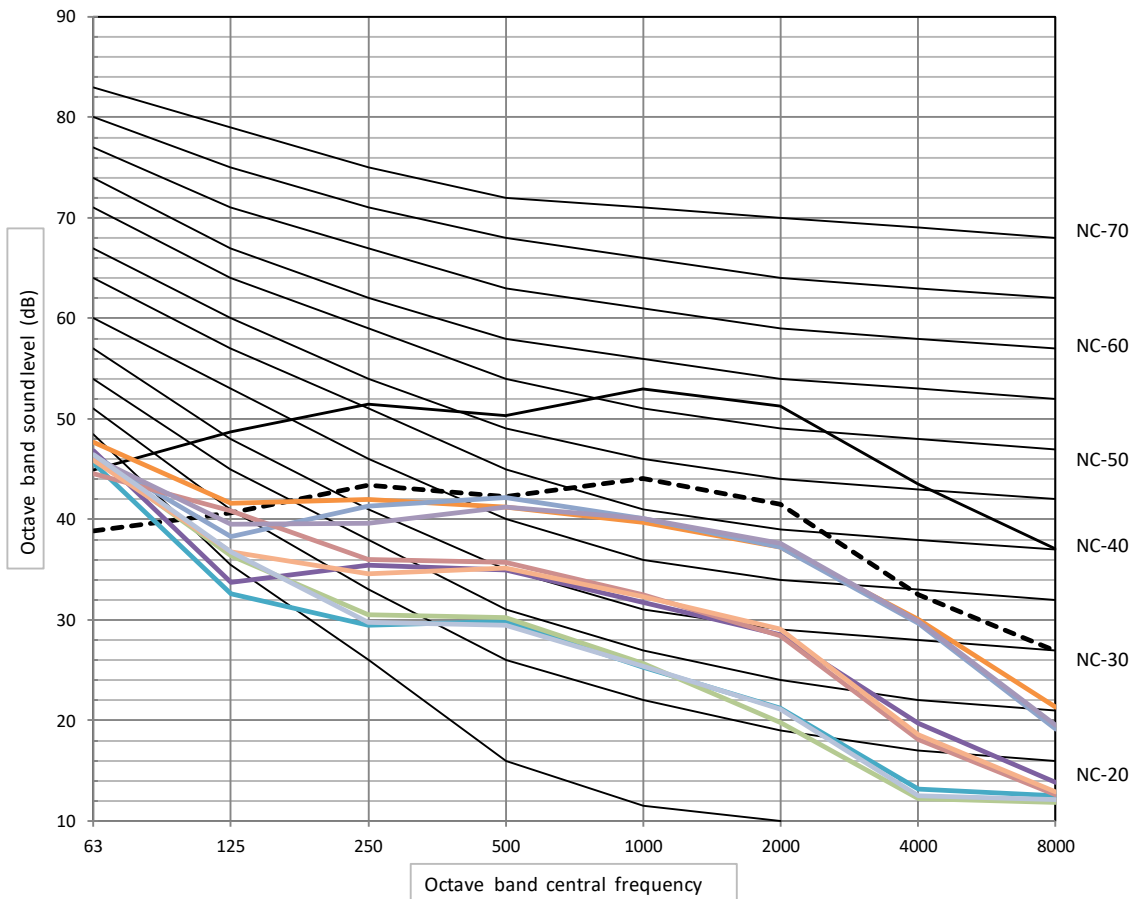
MKT3-400G12-CL



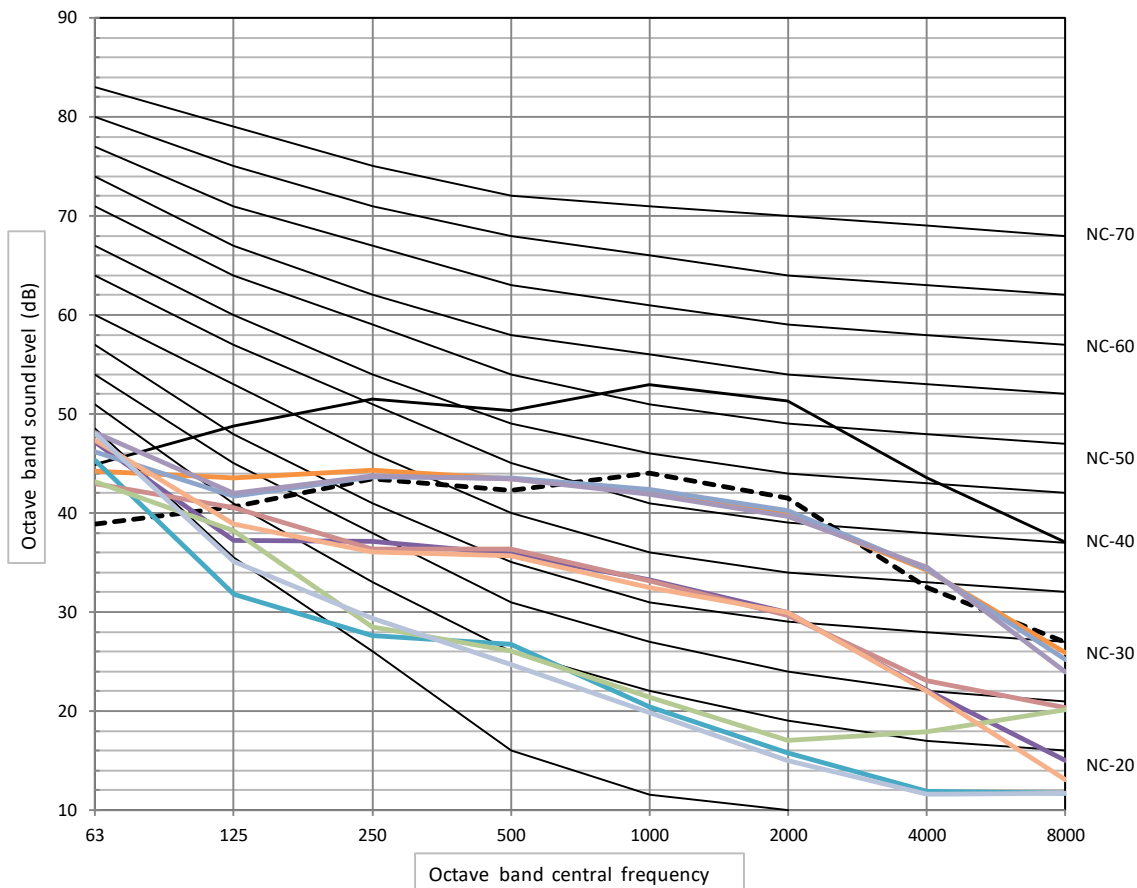
MKT3-500G12-CL



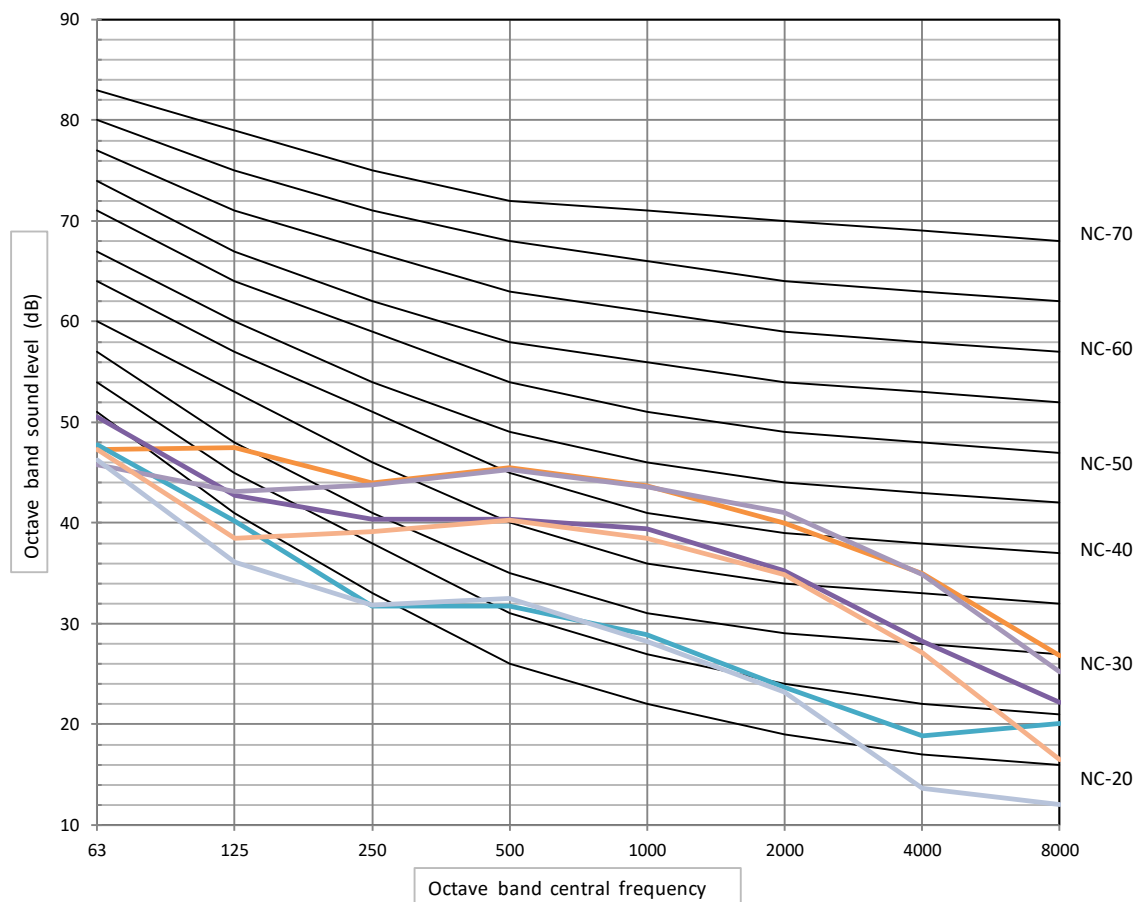
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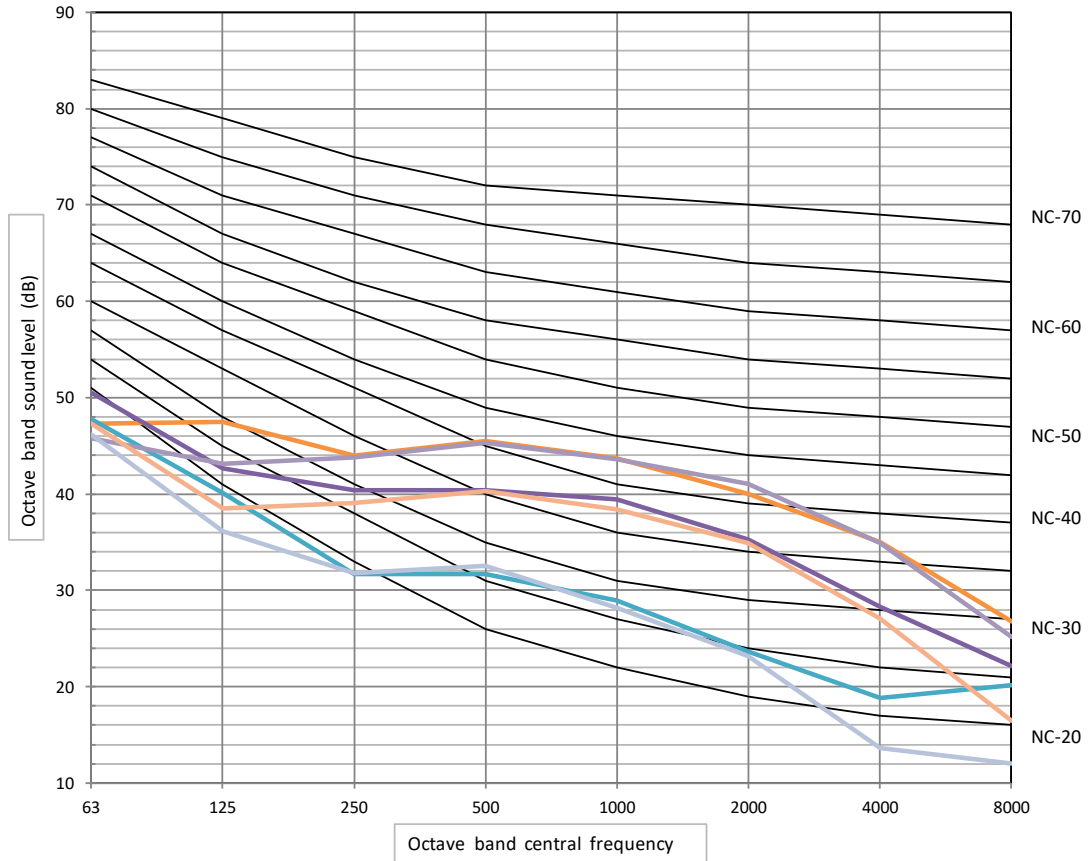
MKT3-700G12-CL



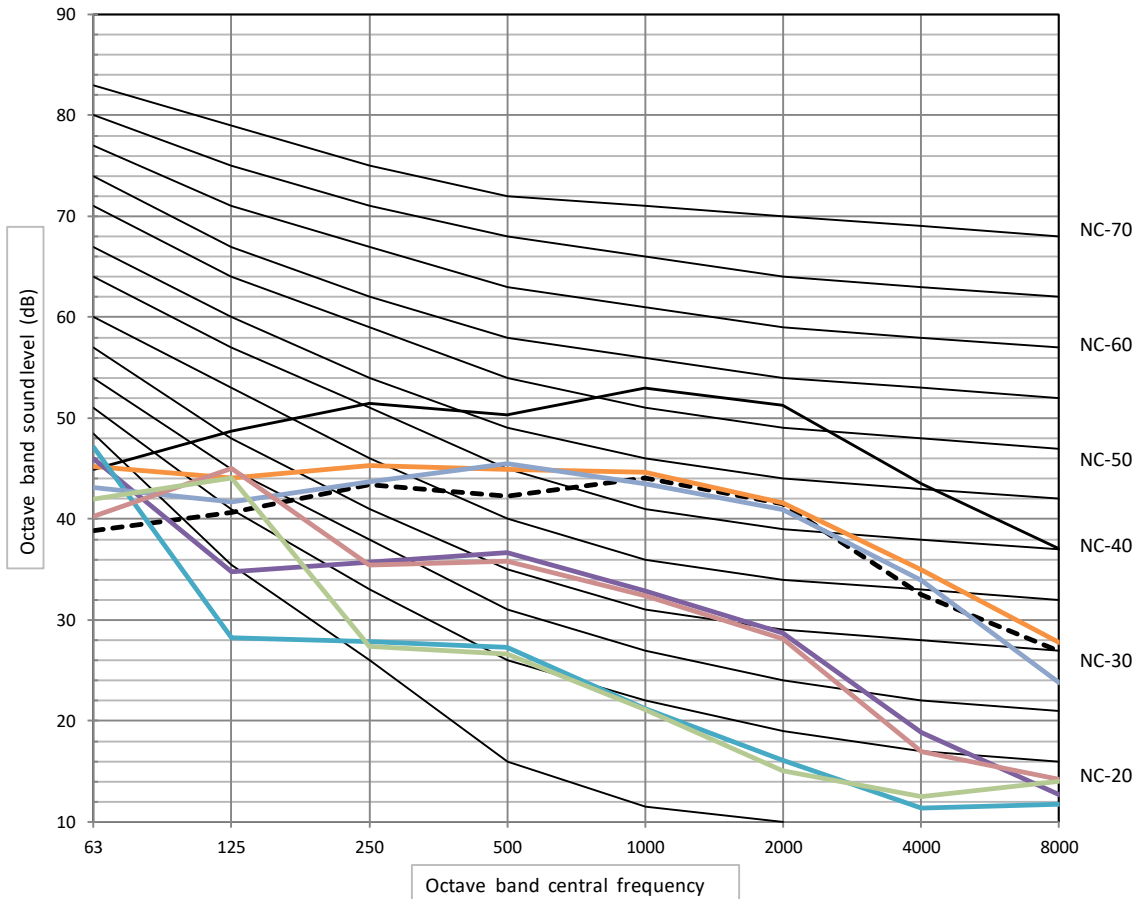
MKT3-800G12-CL



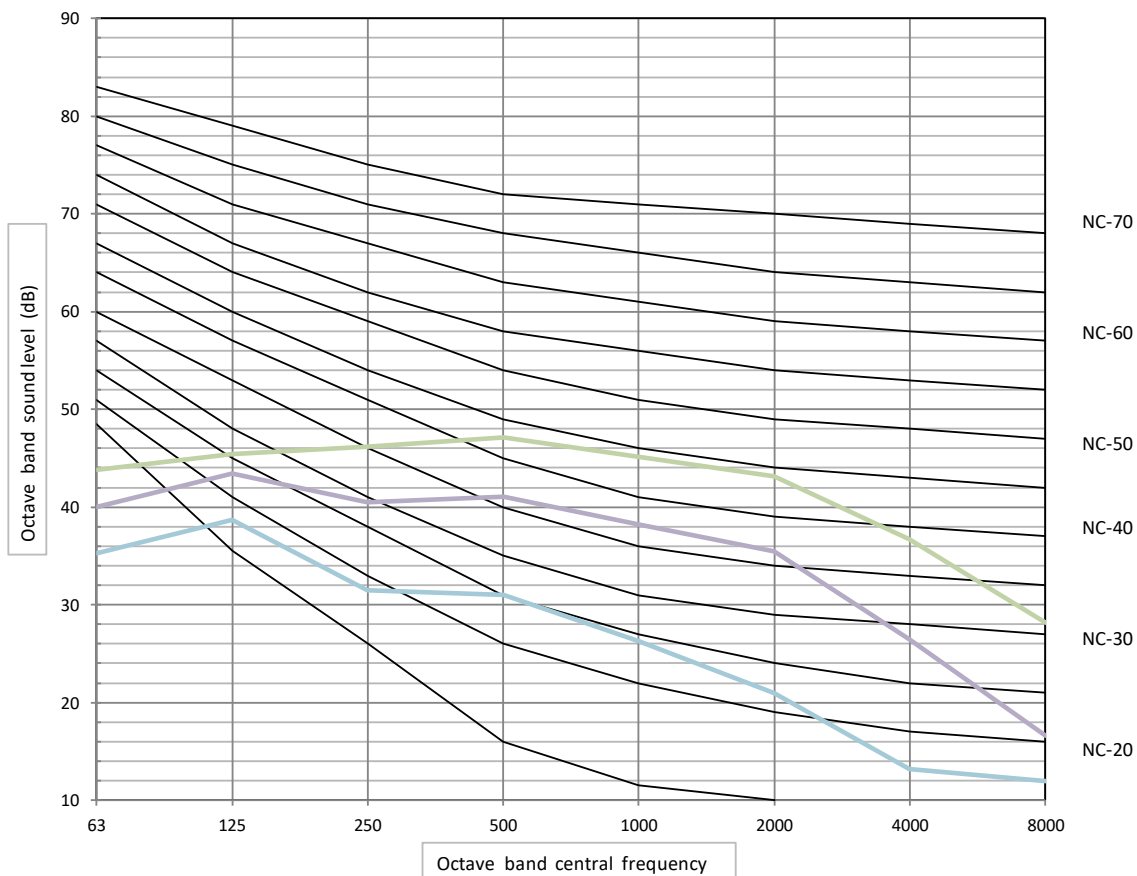
MKT3-1000G12-CL



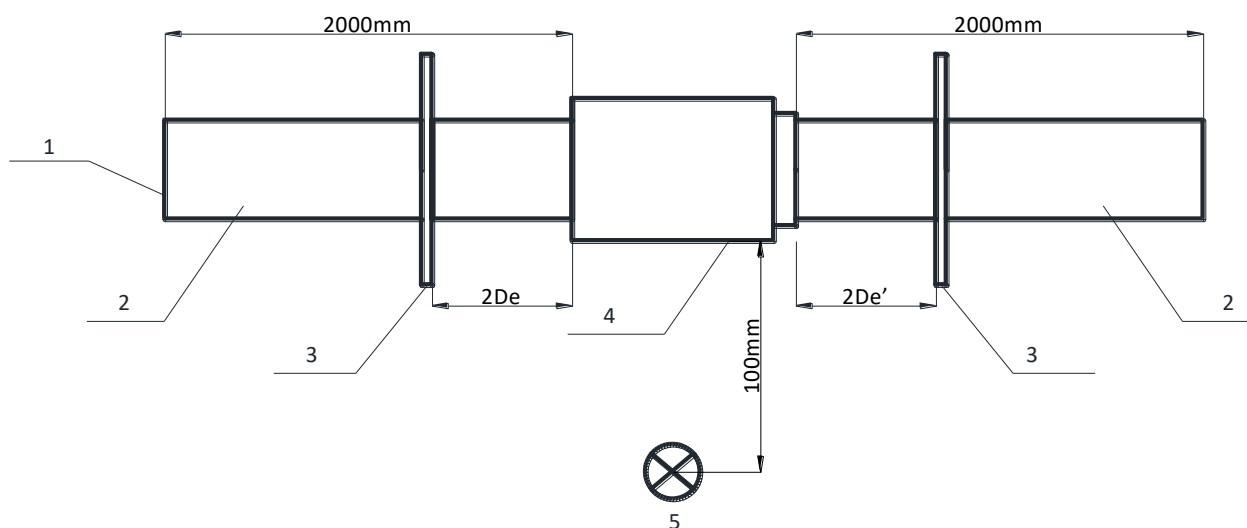
MKT3-1200G12-CL



MKT3-1400G12-CL

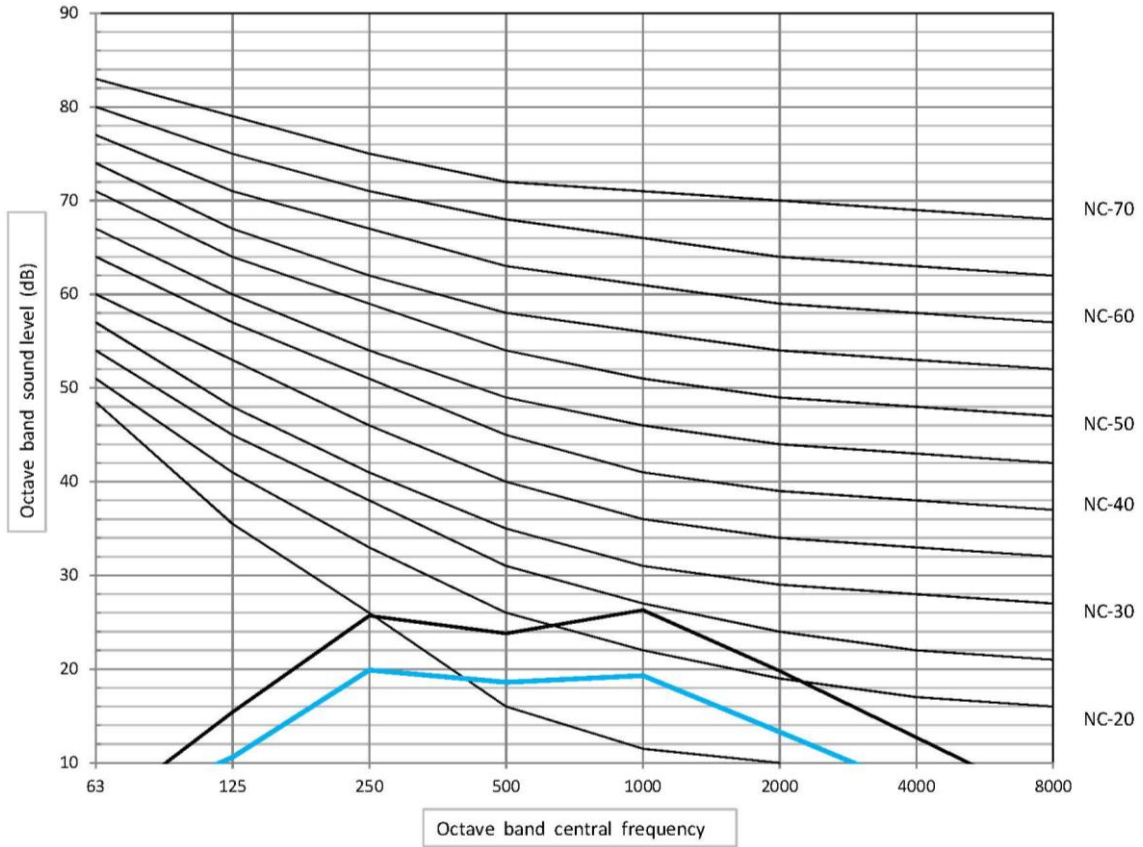


Test condition

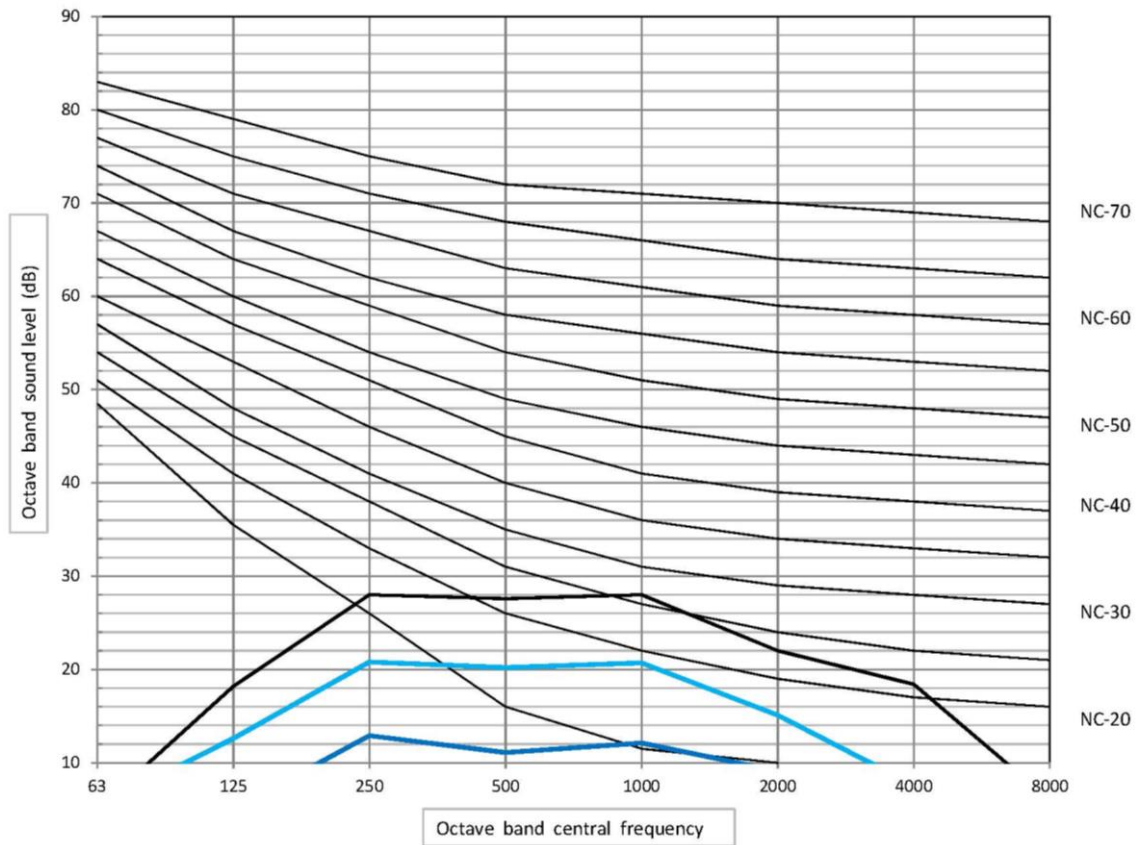


1-Damping net 2-Duct 3-Static pressure loop 4-Test unit D_e -Equivalent diameter of air return of the unit
 D_e' -Equivalent diameter of air outlet of the unit

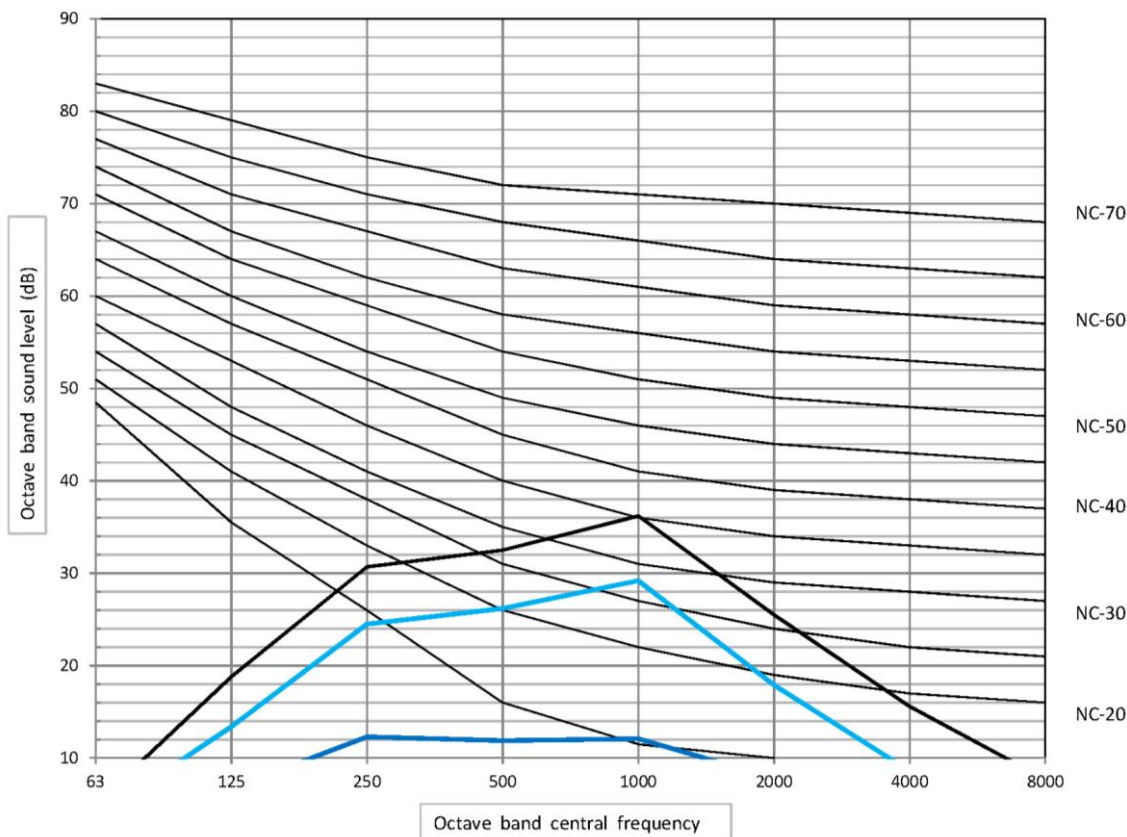
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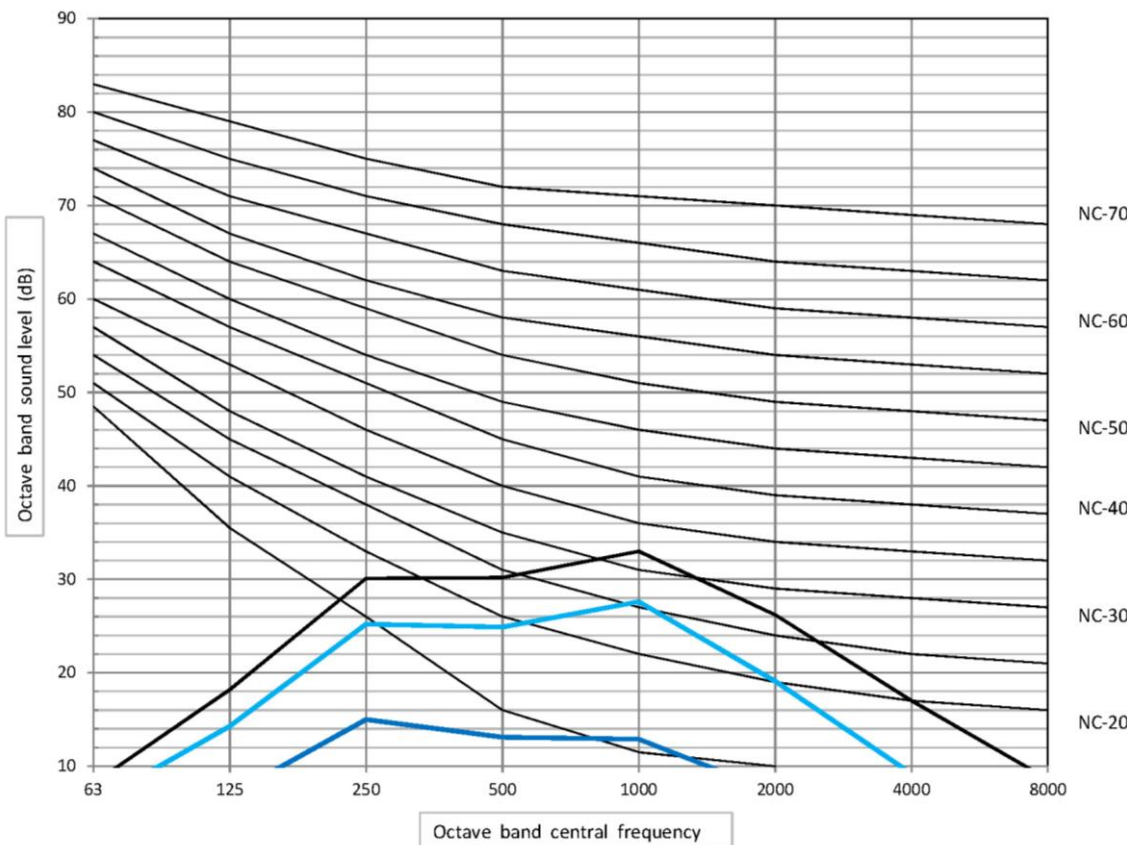
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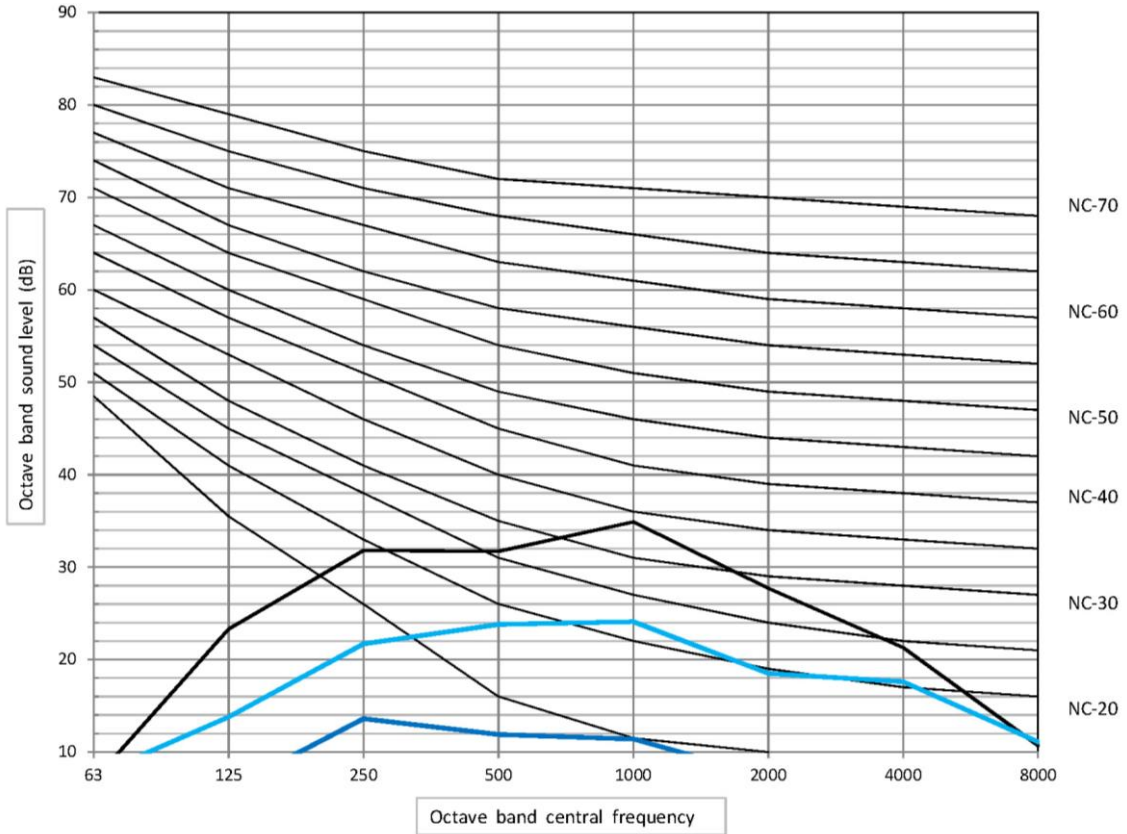
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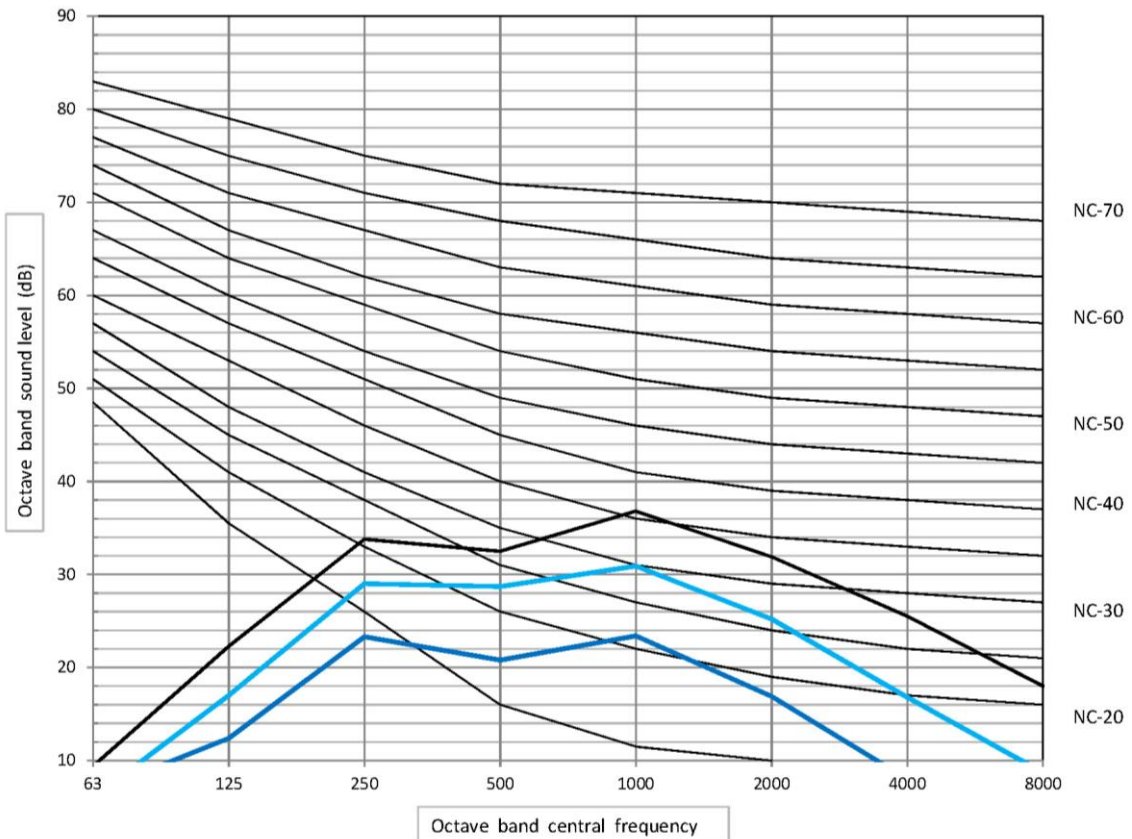
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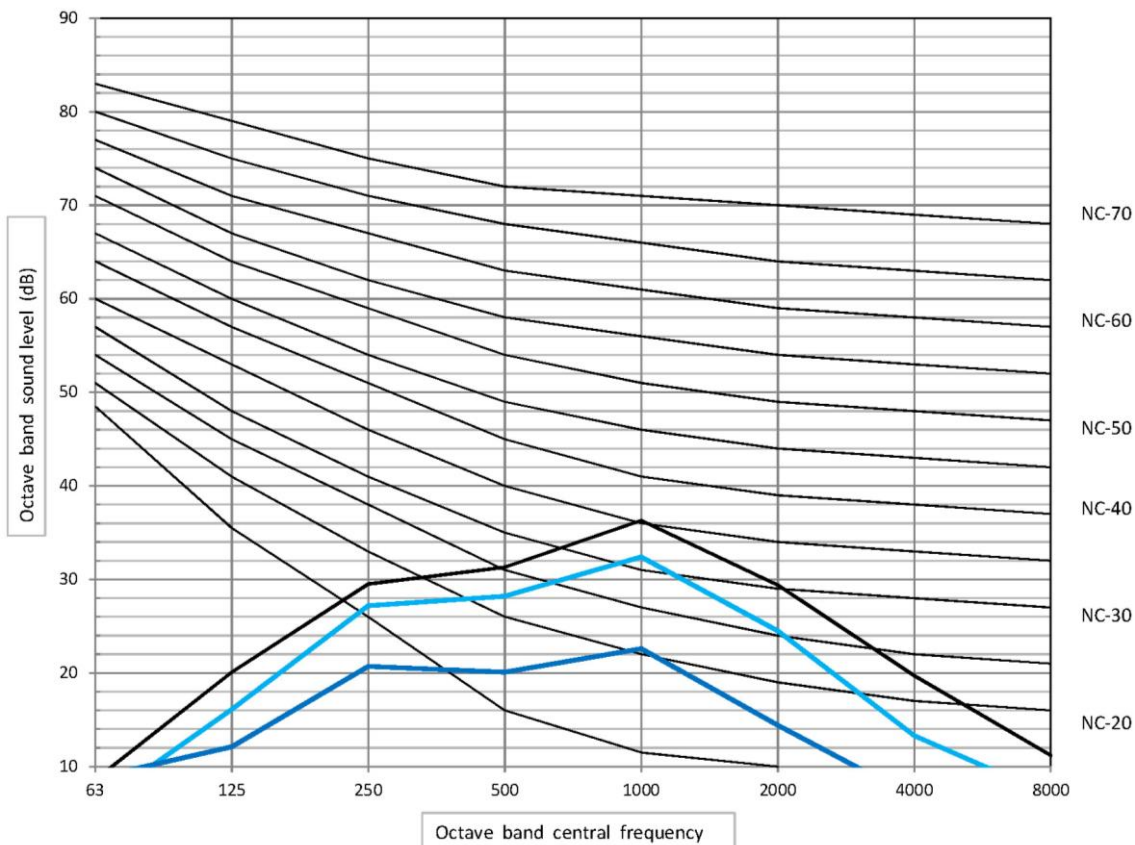
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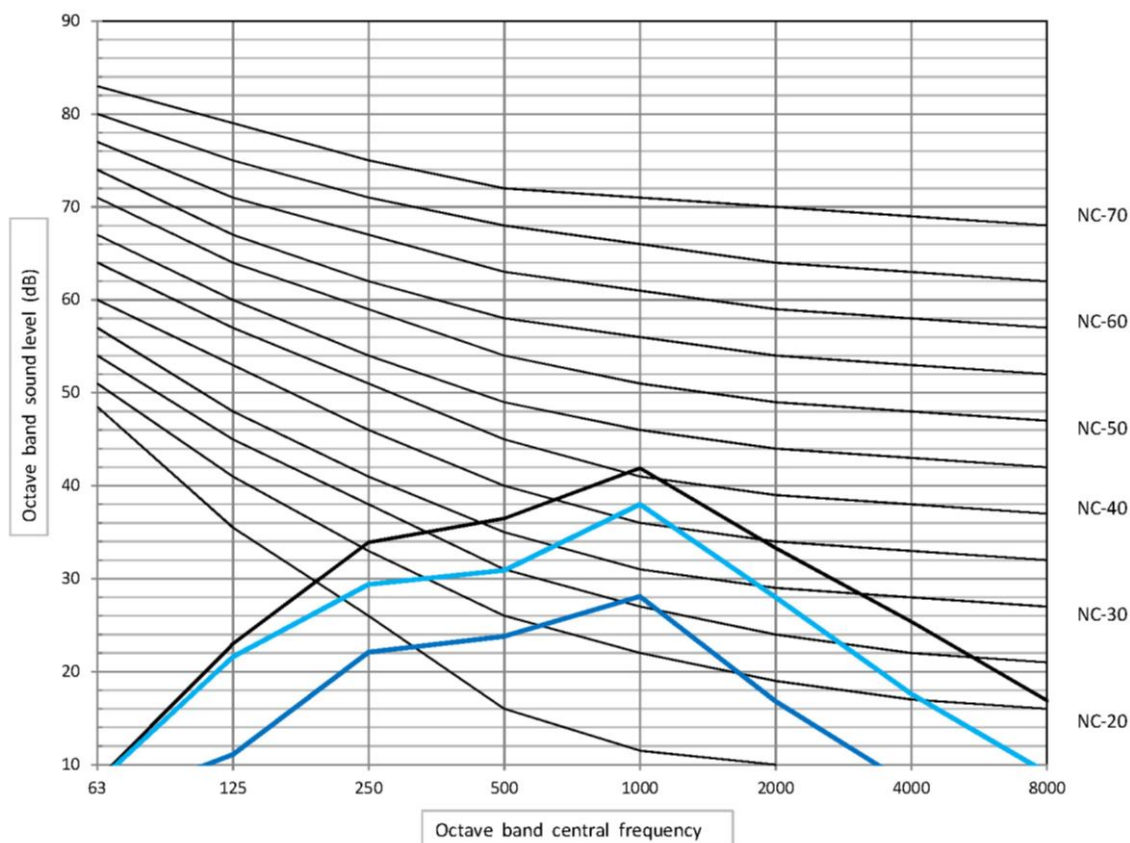
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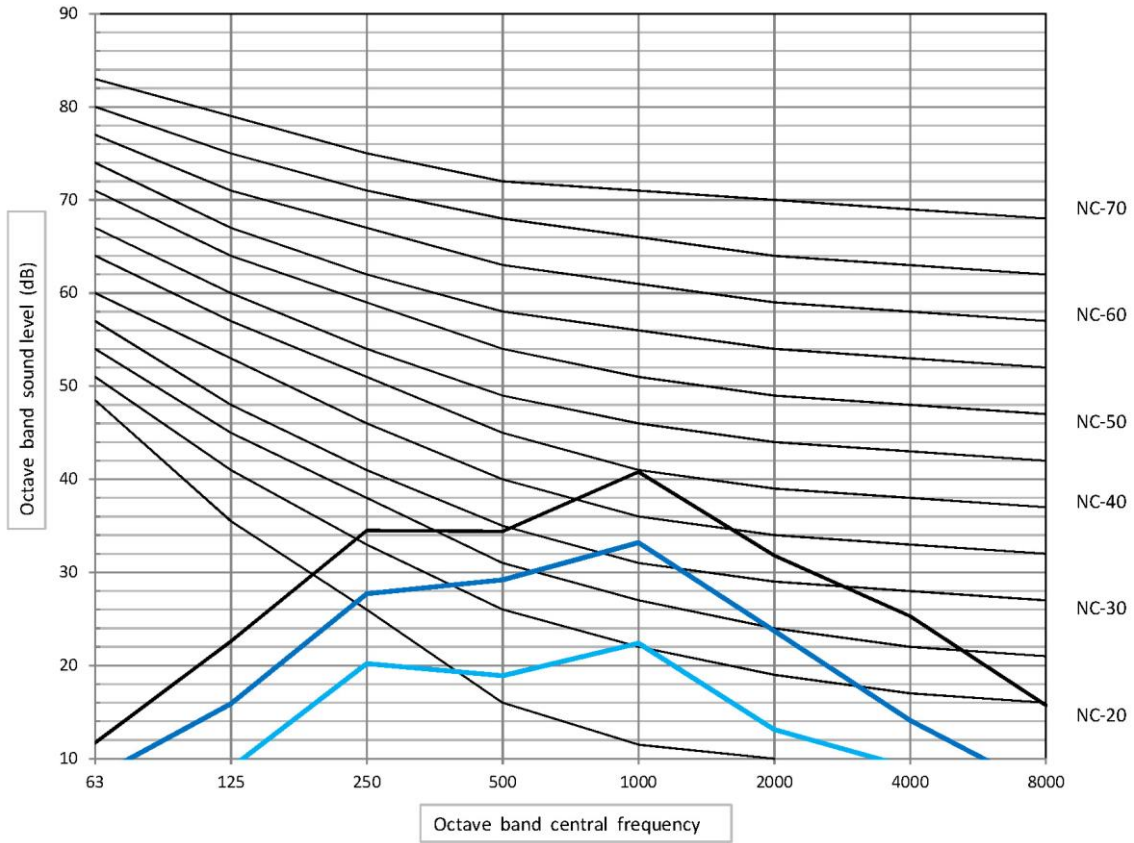
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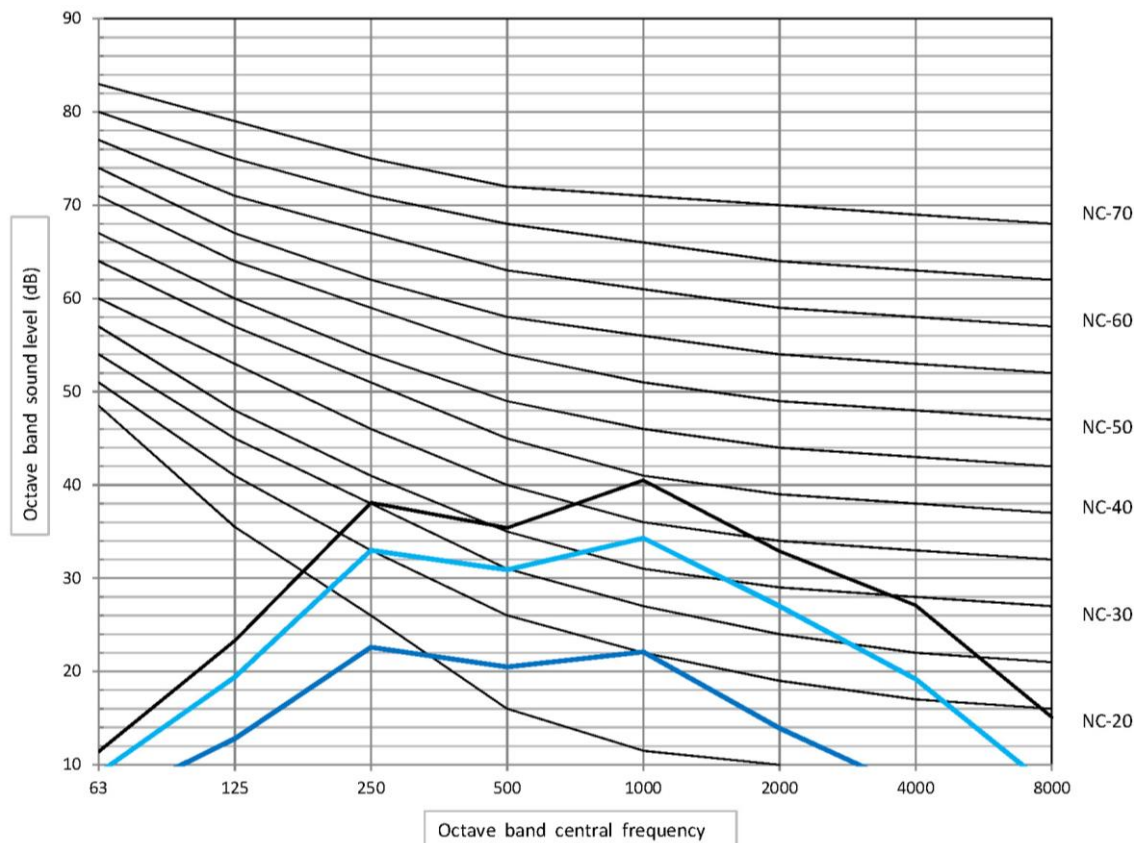
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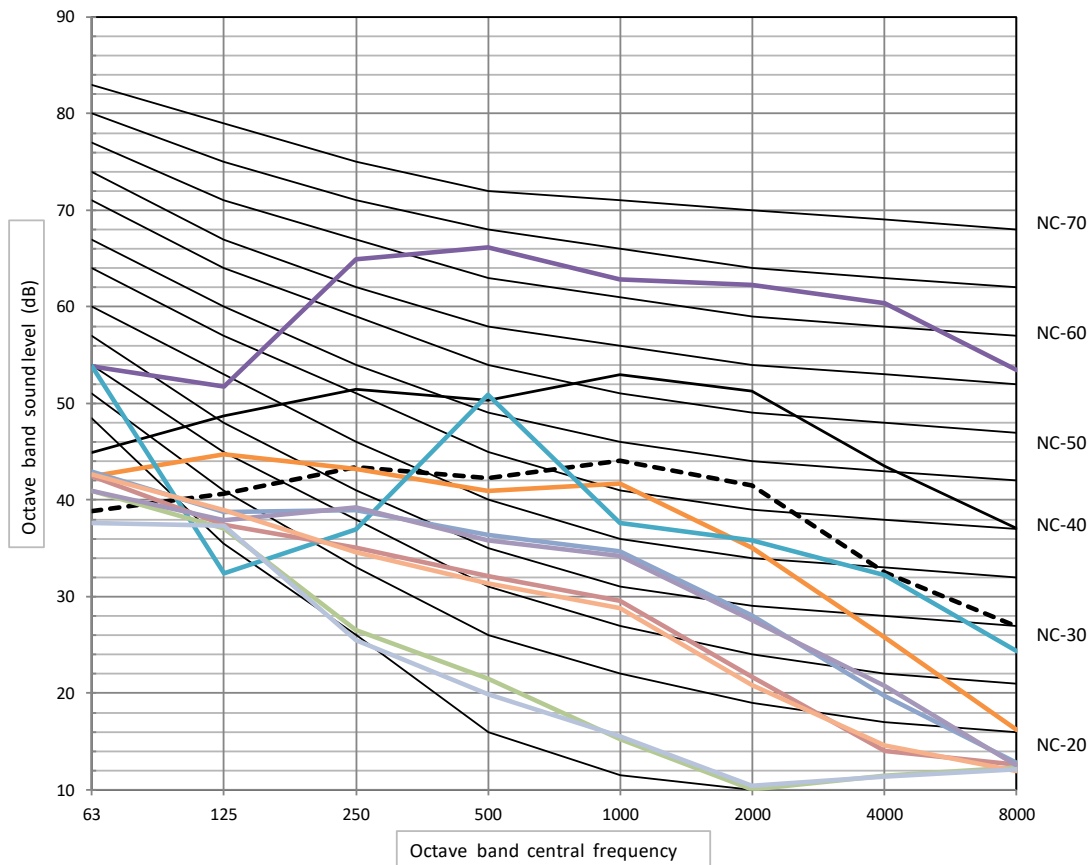
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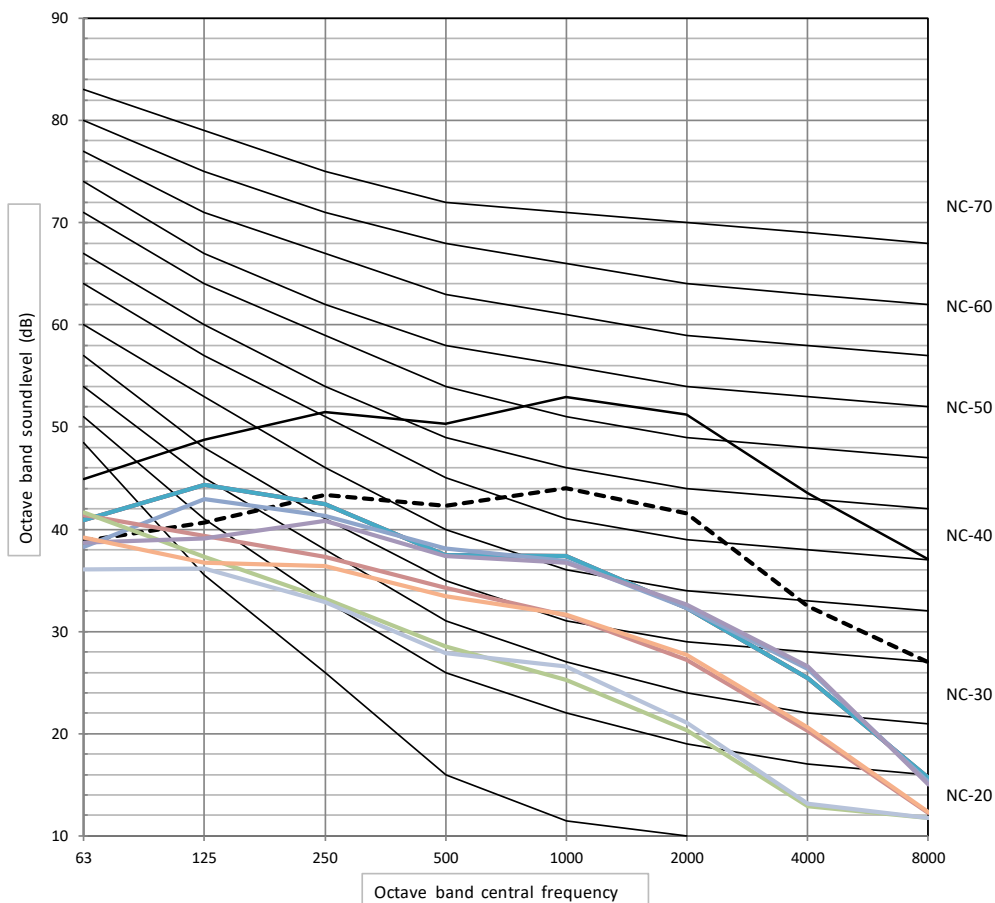
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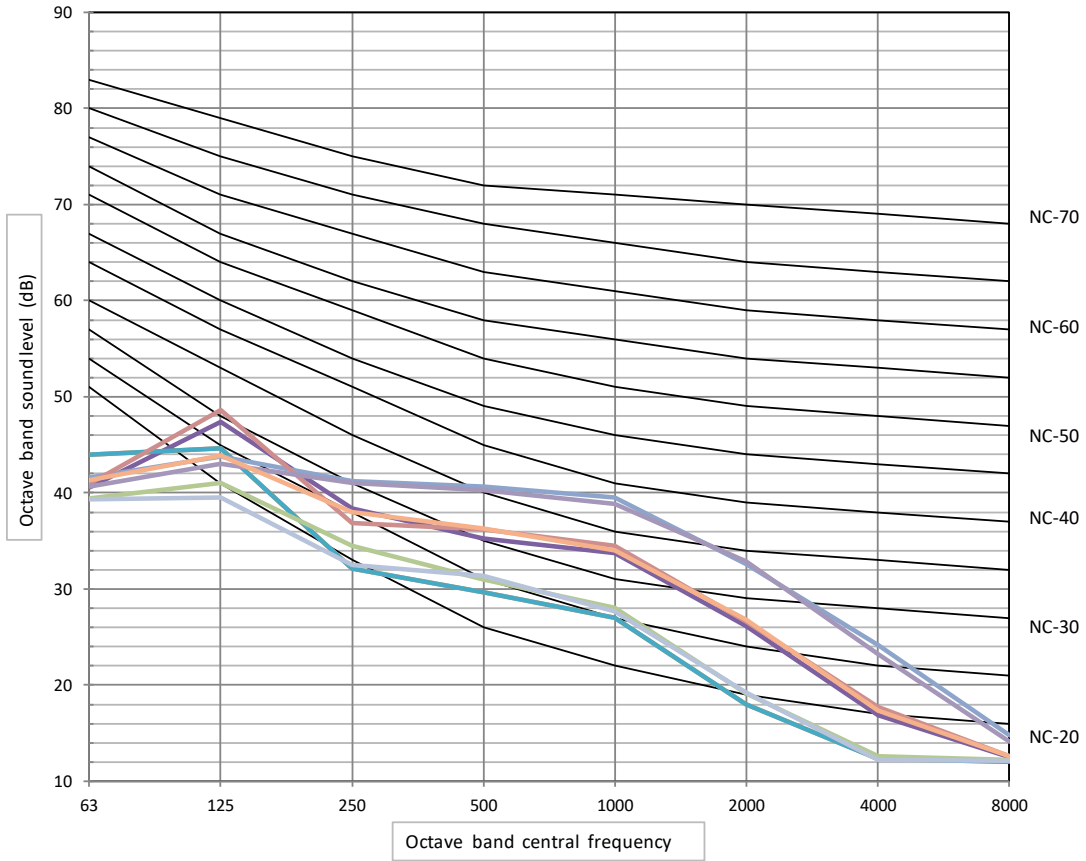
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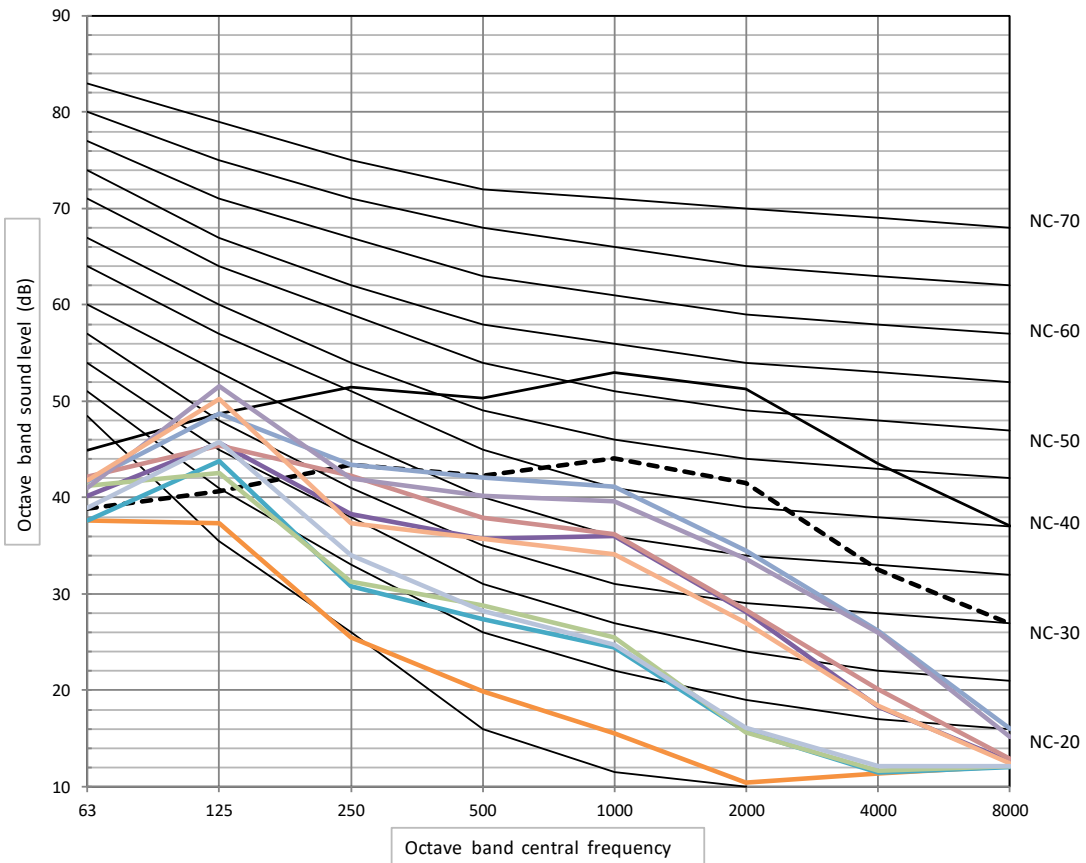
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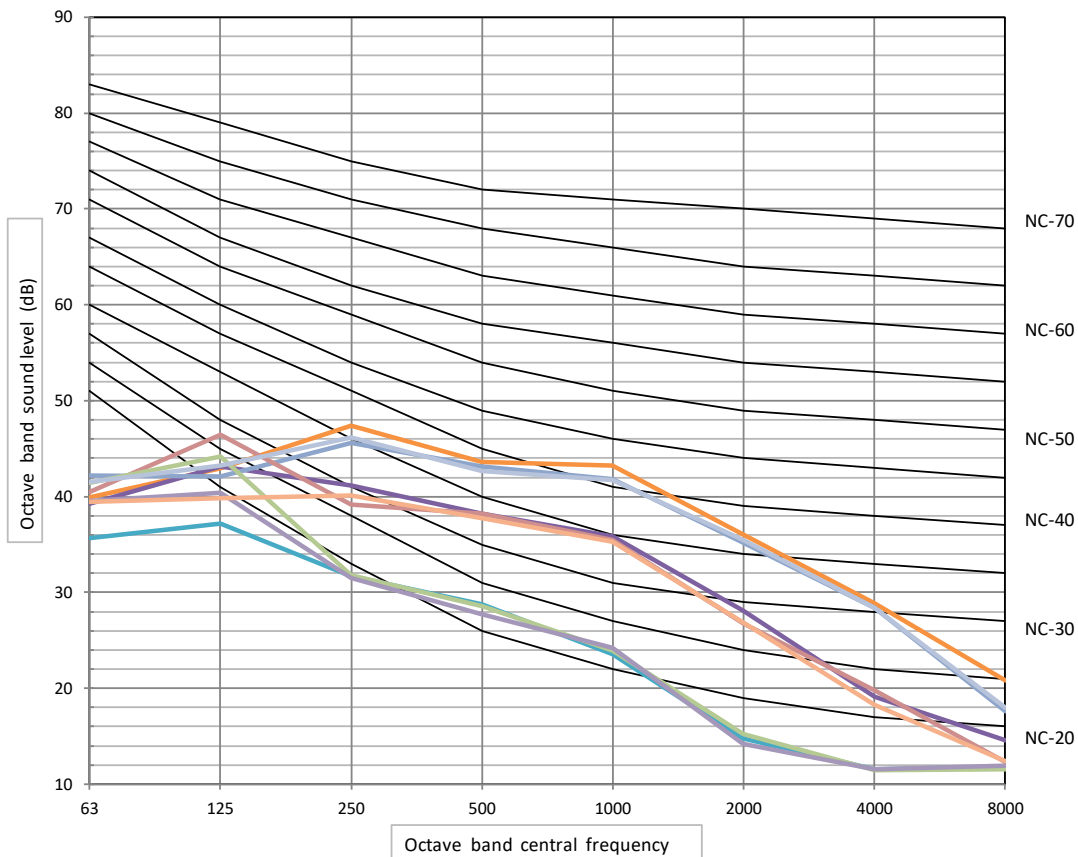
MKT3-400G50-CL



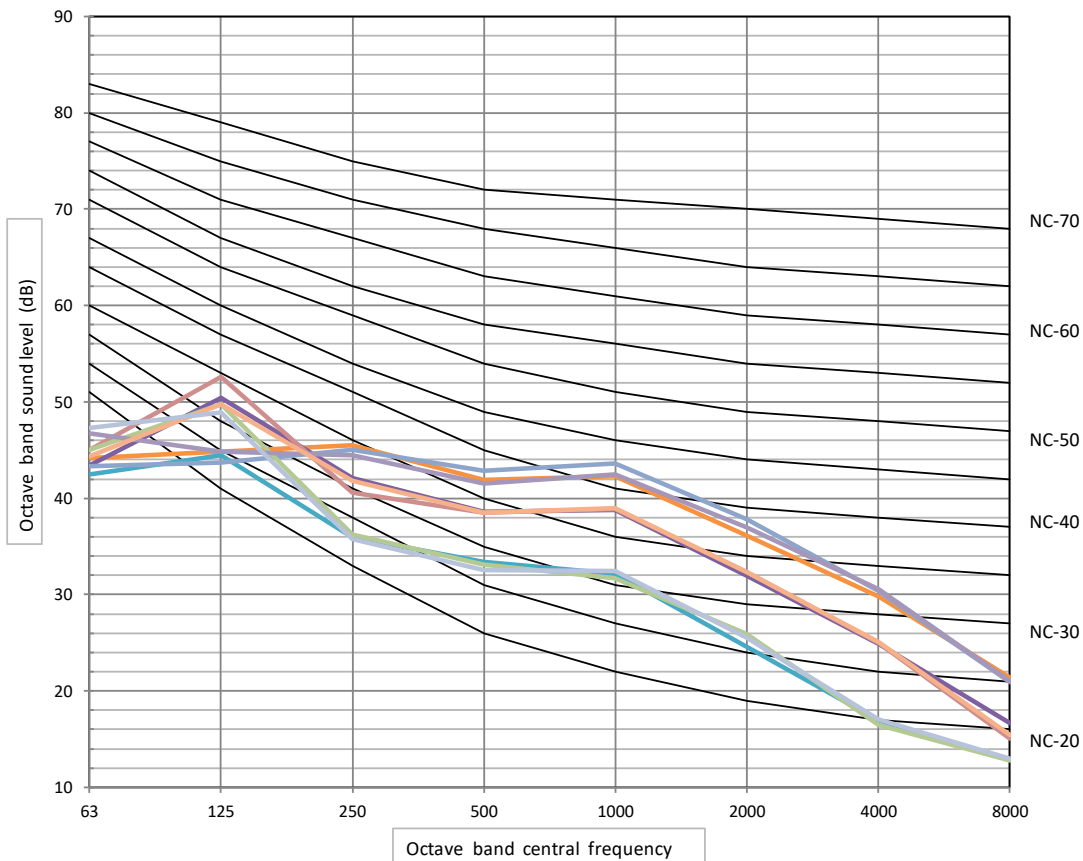
MKT3-500G50-CL



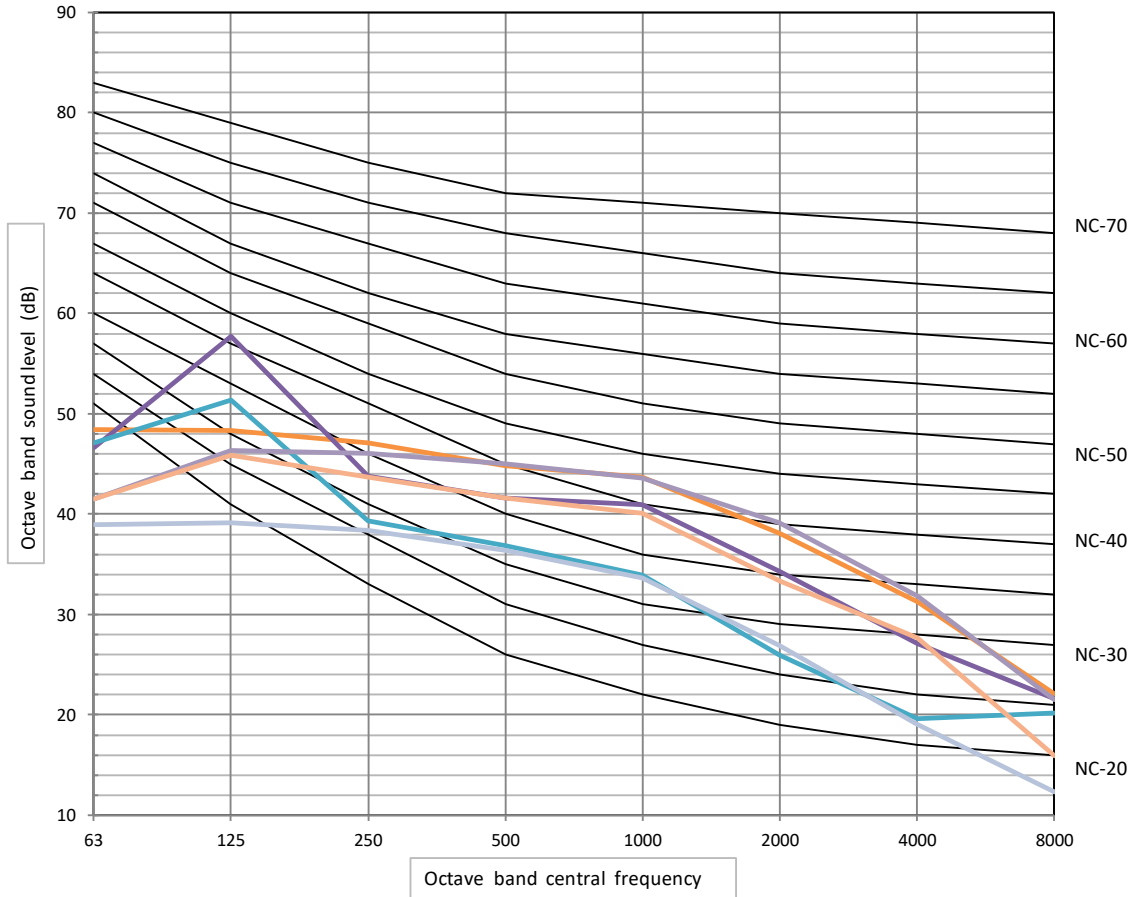
MKT3-600G50-CL



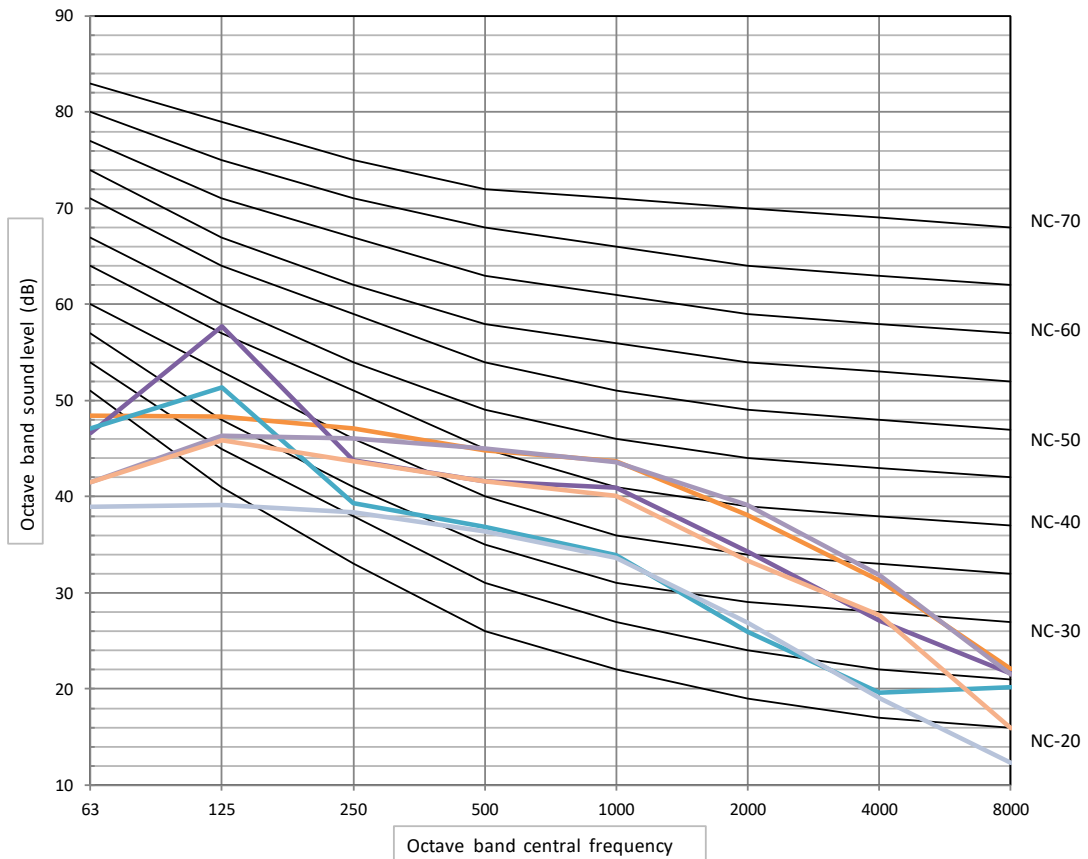
MKT3-700G50-CL



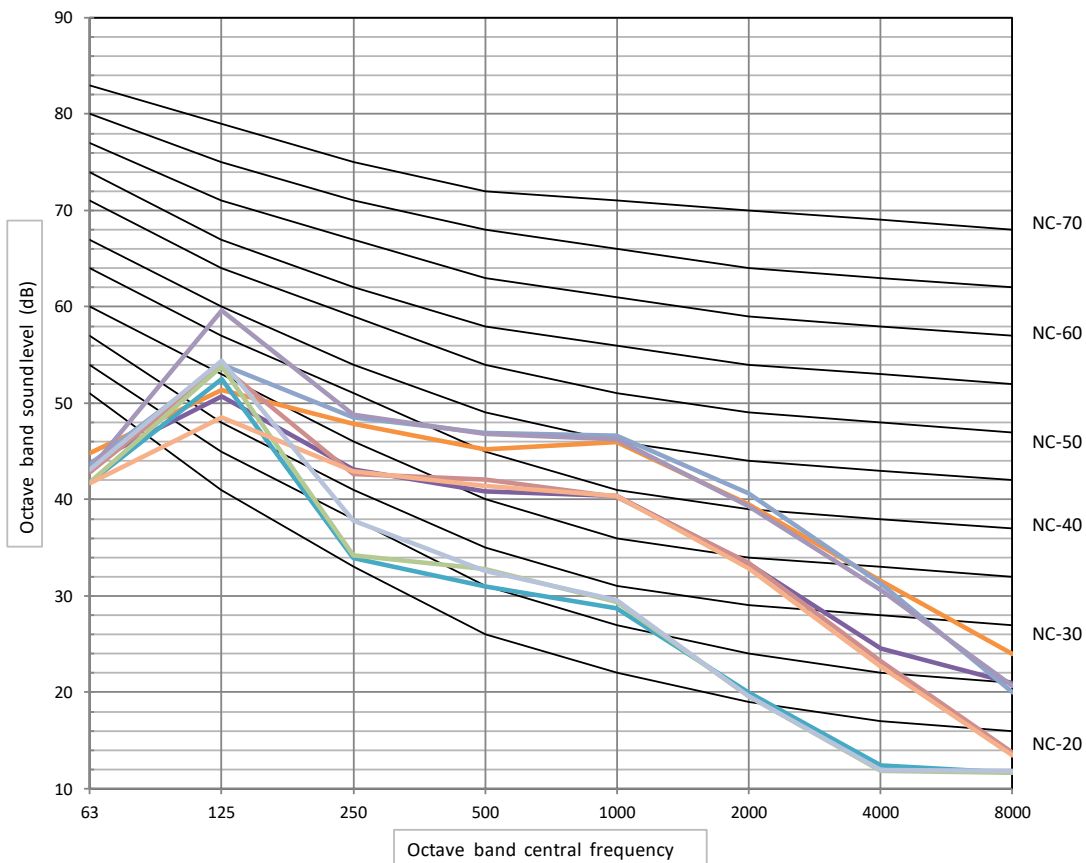
MKT3-800G50-CL



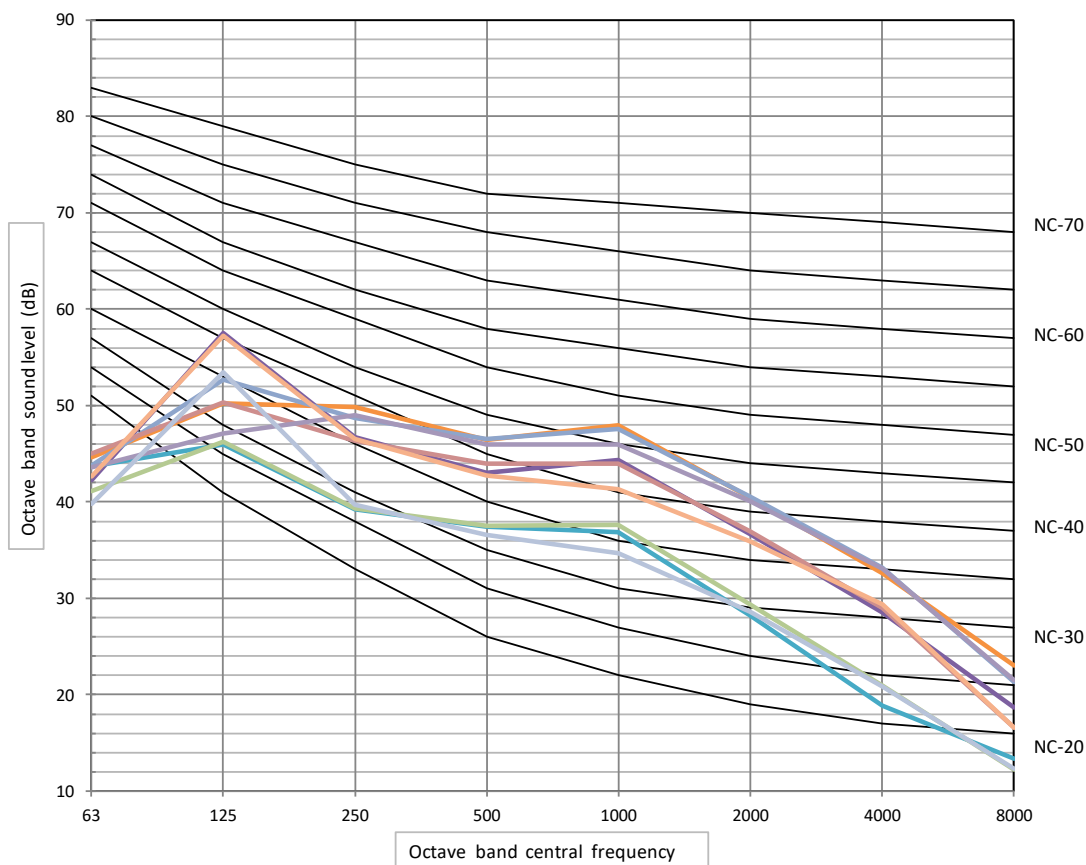
MKT3-1000G50-CL



MKT3-1200G50-CL



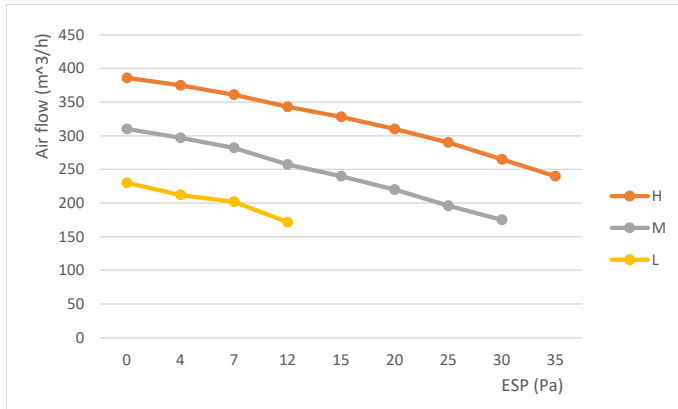
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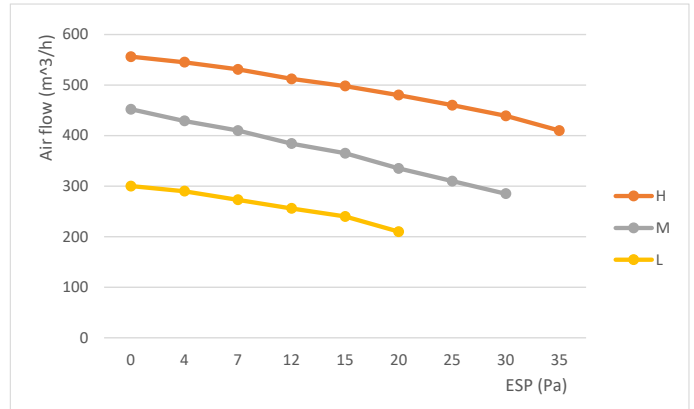
5 Static Pressure Graphs

Models of 12Pa standard external static pressure

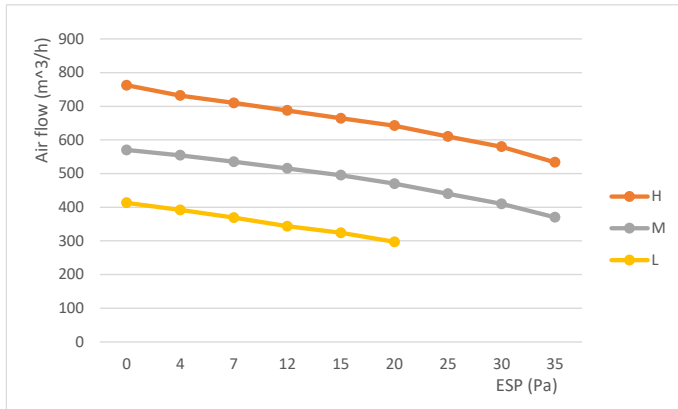
MKT3-200G12-CL



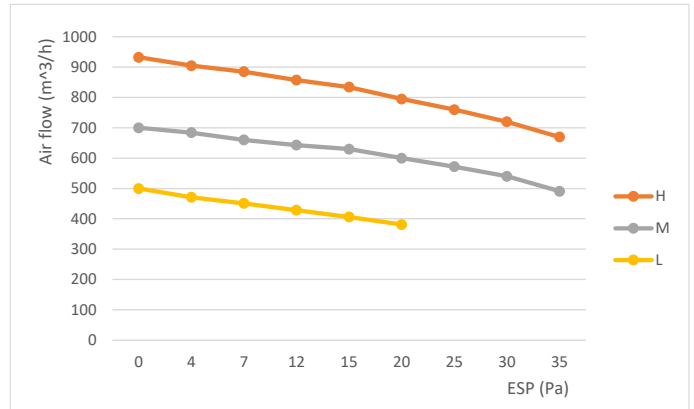
MKT3-300G12-CL



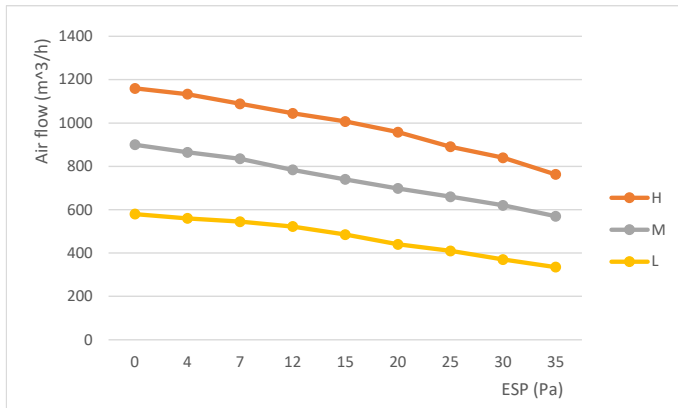
MKT3-400G12-CL



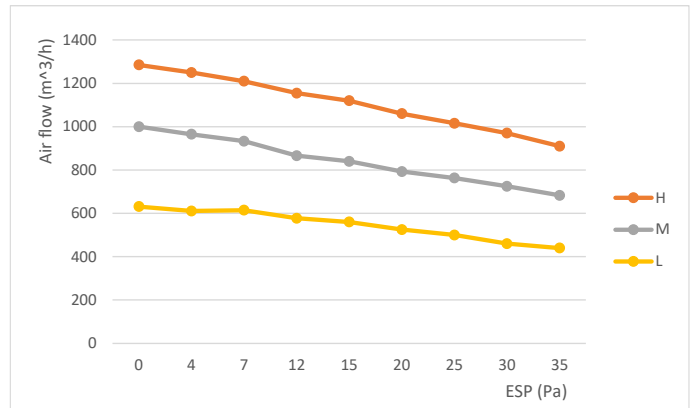
MKT3-500G12-CL



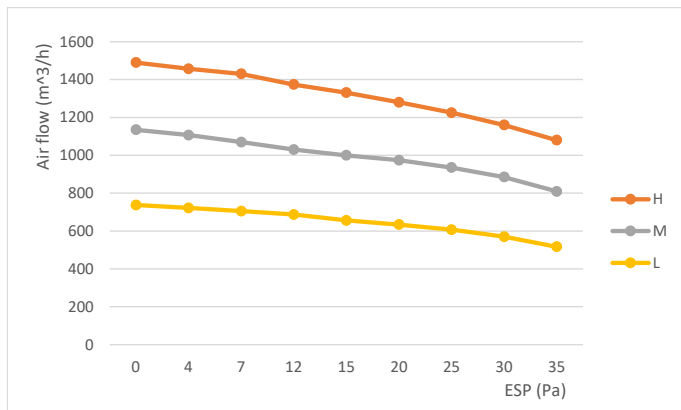
MKT3-600G12-CL



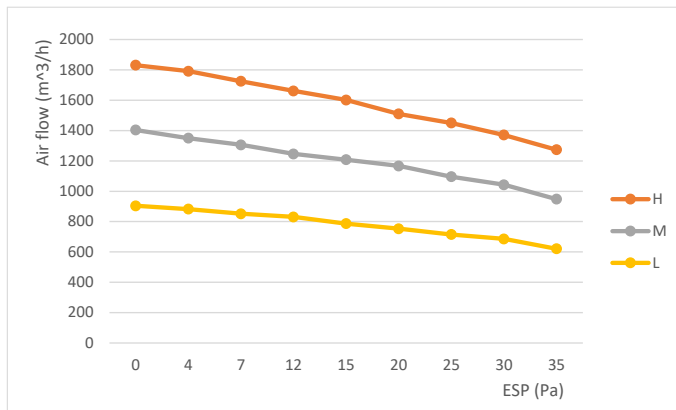
MKT3-700G12-CL



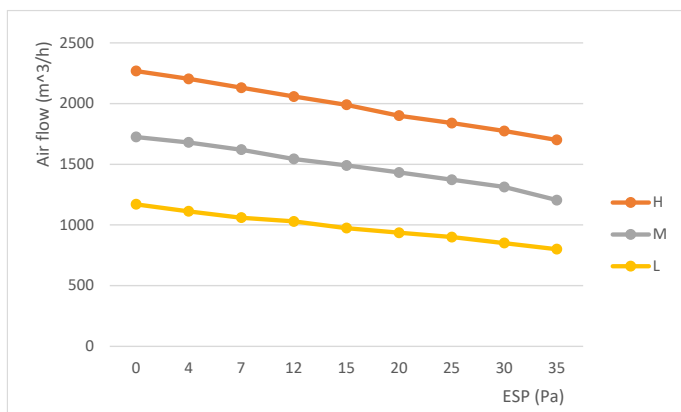
MKT3-800G12-CL



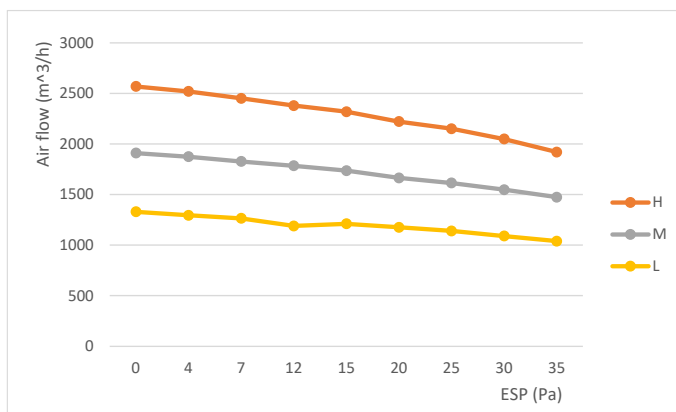
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MKT3-1200G12-CL

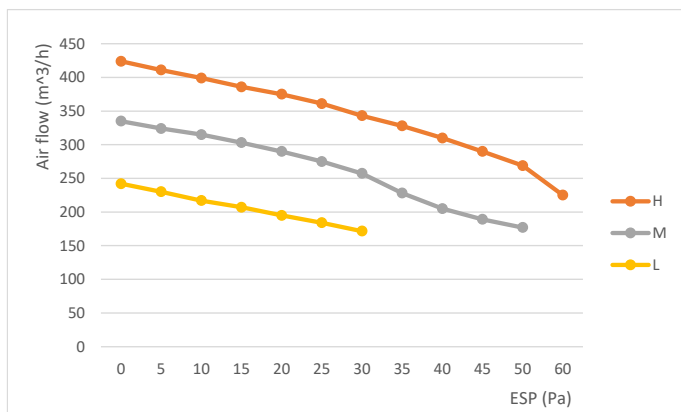


MKT3-1400G12-CL

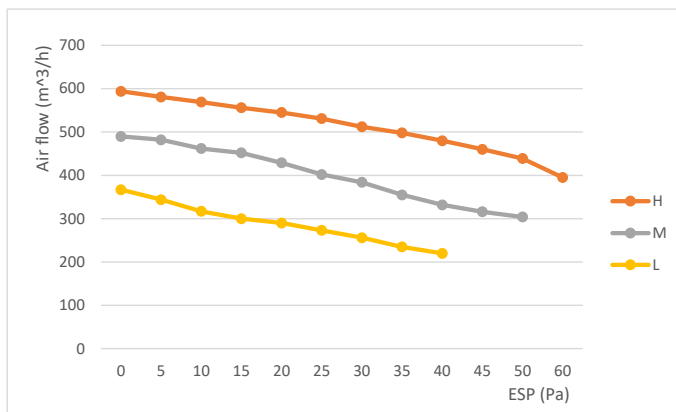


Models of 30Pa standard external static pressure

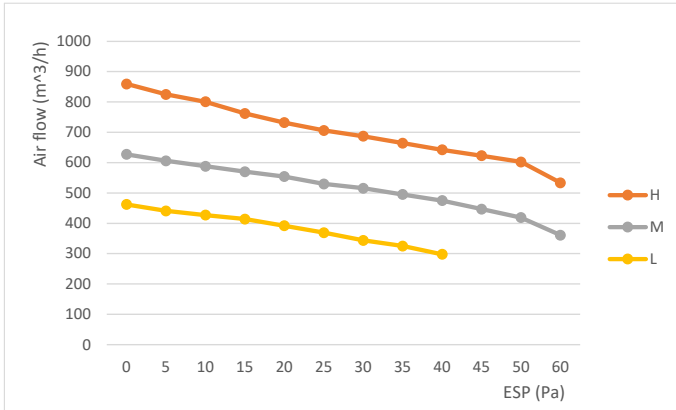
MKT3-200G30-CL



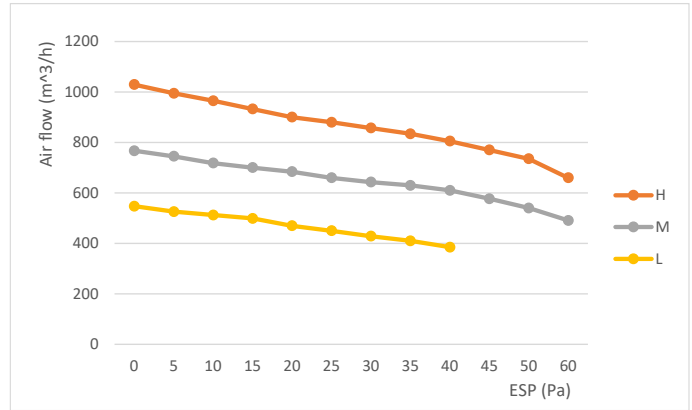
MKT3-300G30-CL



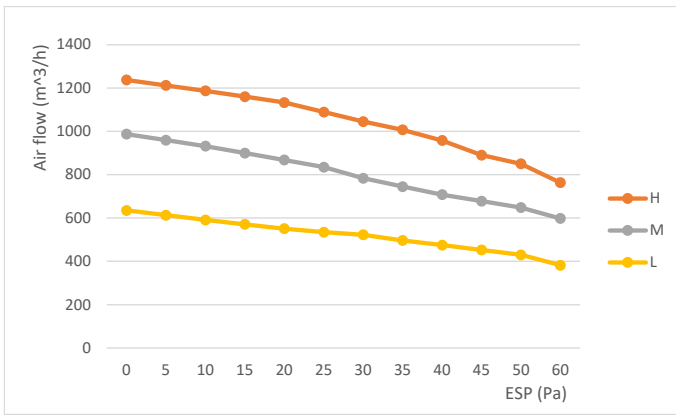
MKT3-400G30-CL



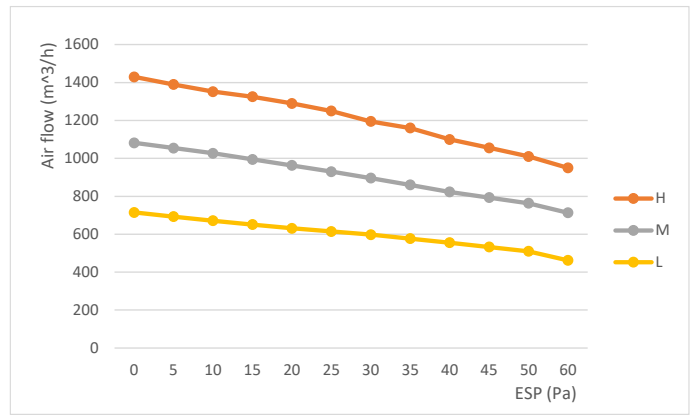
MKT3-500G30-CL



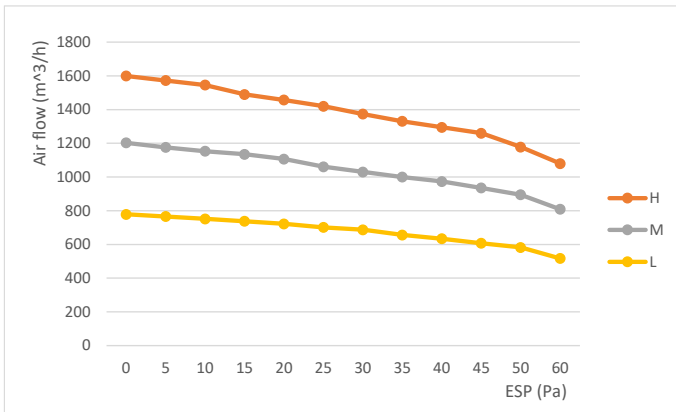
MKT3-600G30-CL



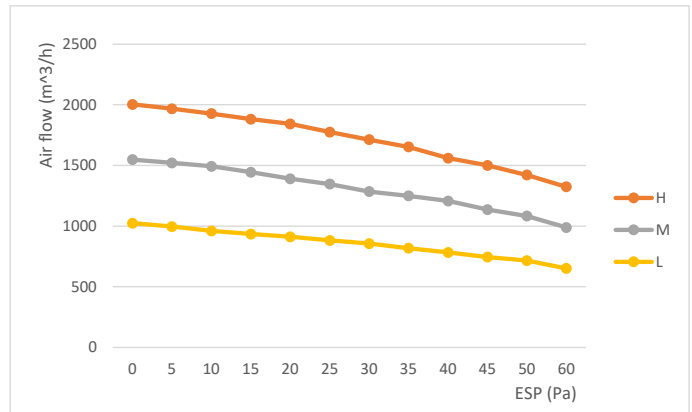
MKT3-700G30-CL



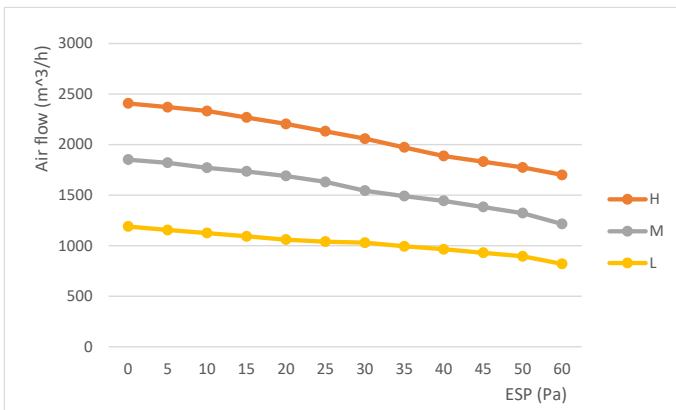
MKT3-800G30-CL



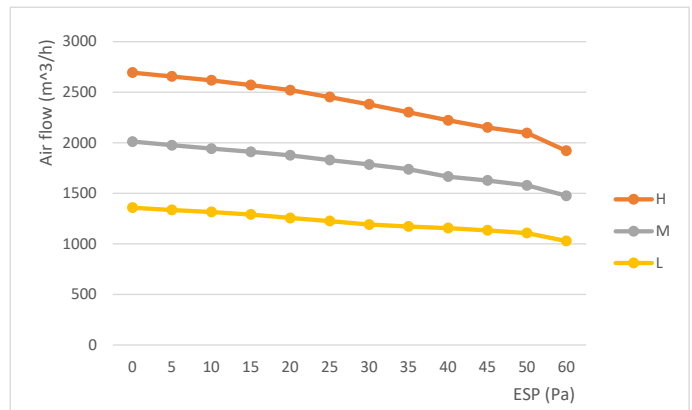
MKT3-1000G30-CL



MKT3-1200G30-CL

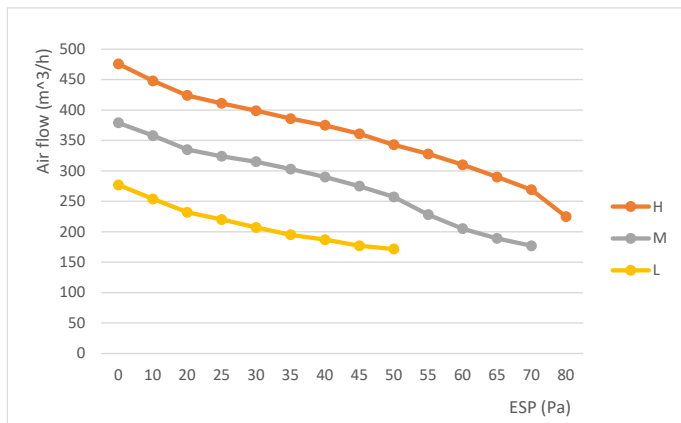


MKT3-1400G30-CL

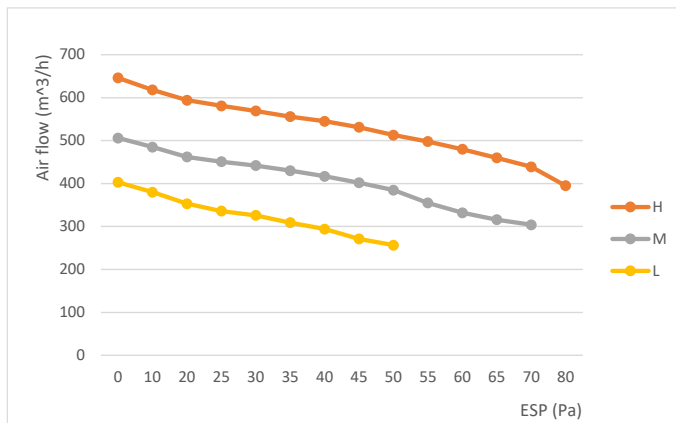


Models of 50Pa standard external static pressure

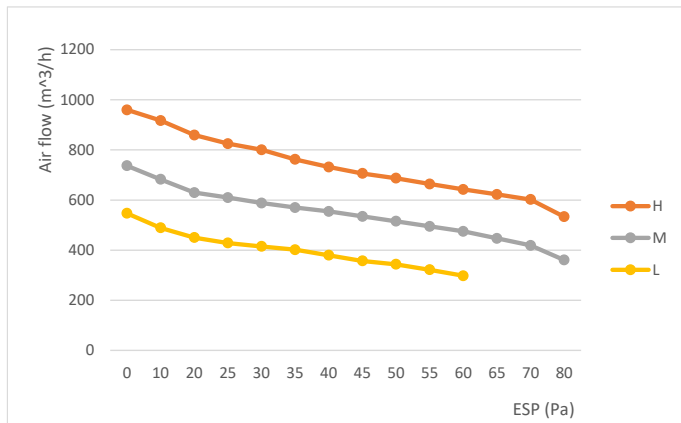
MKT3-200G50-CL



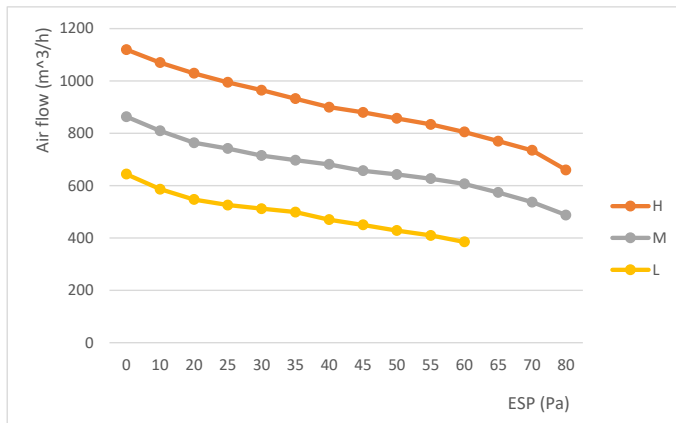
MKT3-300G50-CL



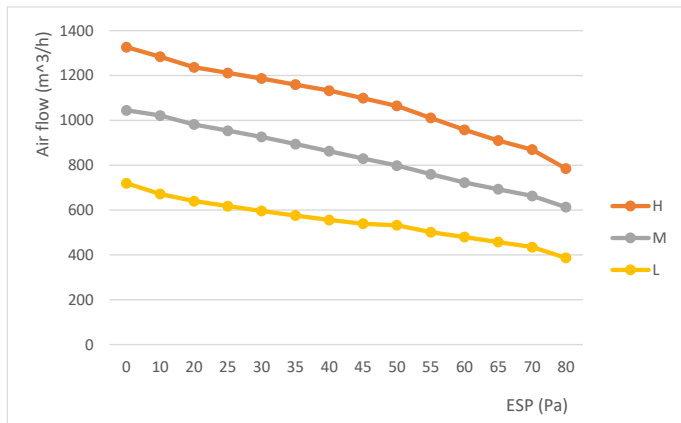
MKT3-400G50-CL



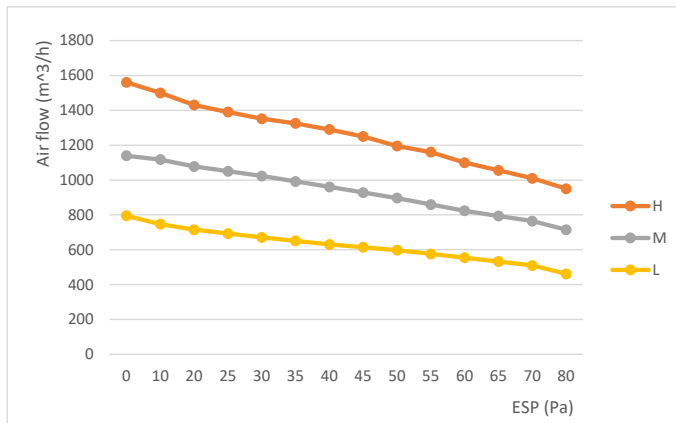
MKT3-500G50-CL



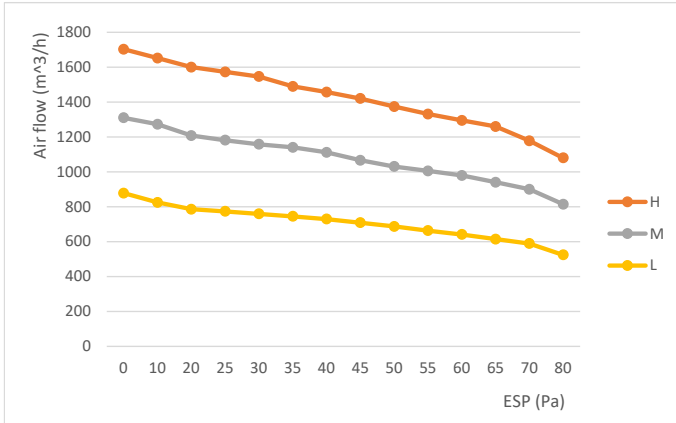
MKT3-600G50-CL



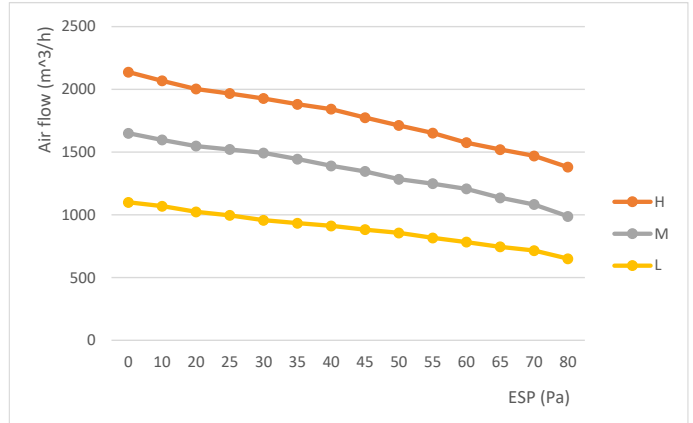
MKT3-700G50-CL



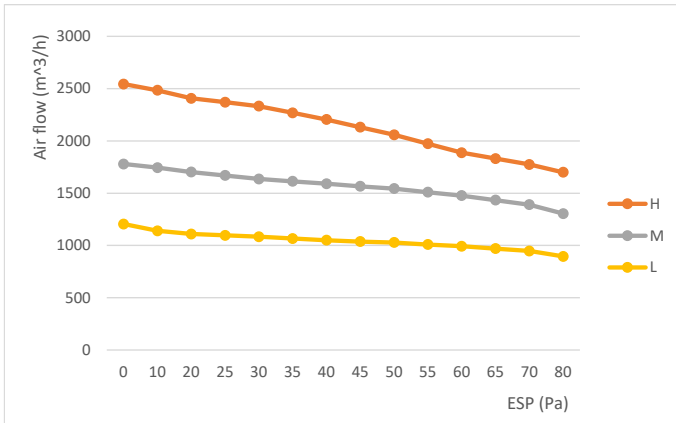
MKT3-800G50-CL



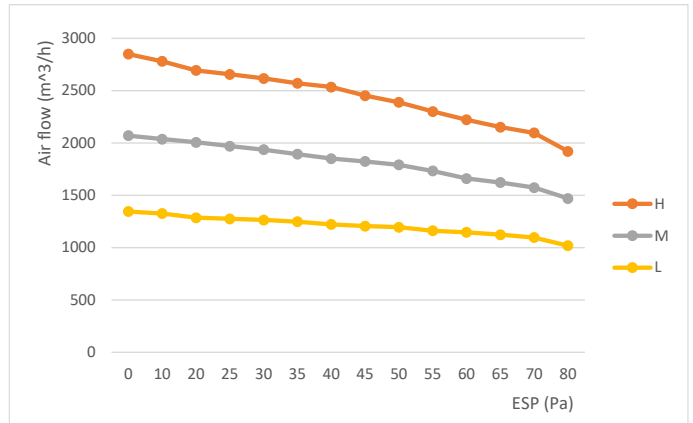
MKT3-1000G50-CL



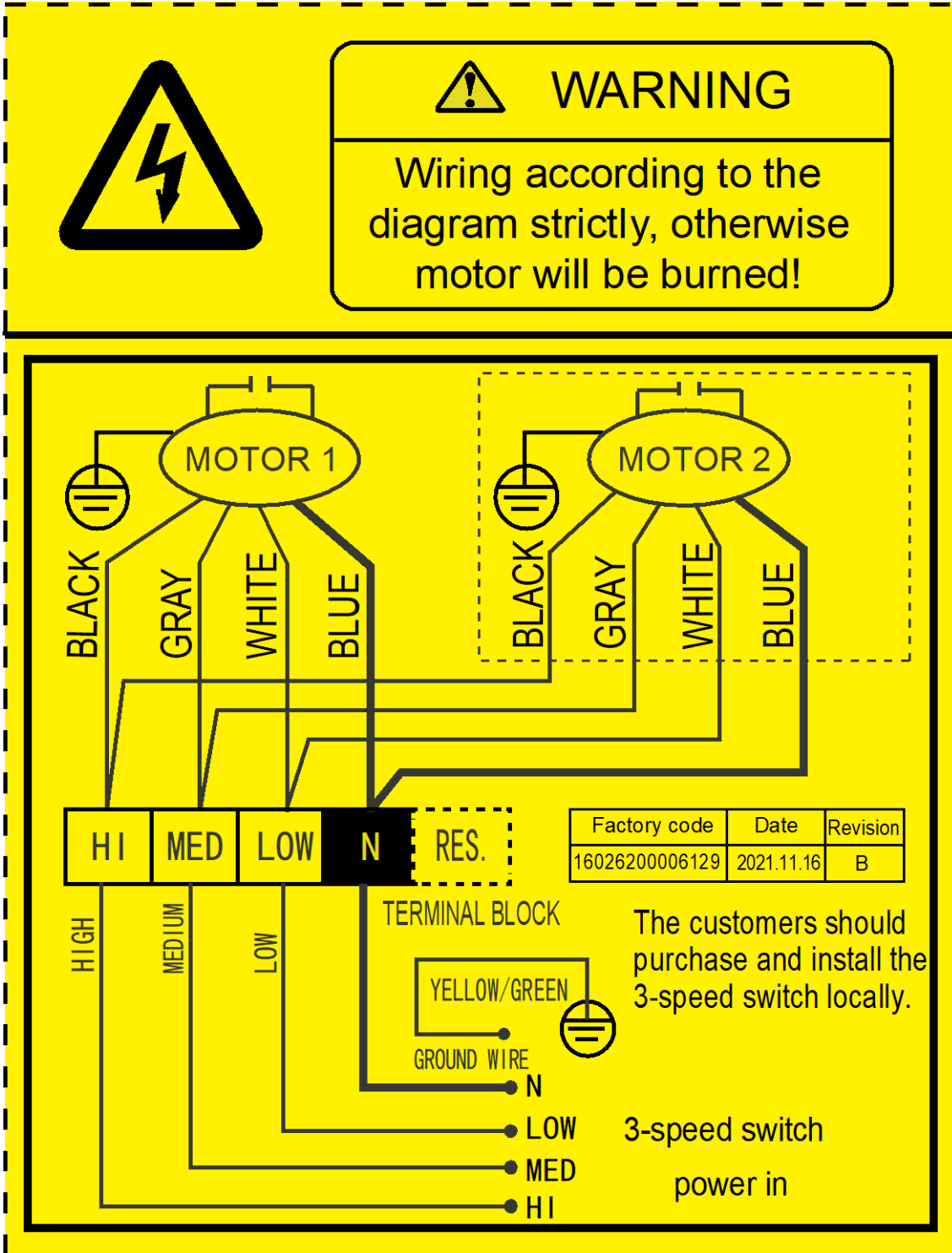
MKT3-1200G50-CL



MKT3-1400G50-CL



6 Wiring Diagrams



Notes:

- Black: high fan speed; Gray: medium fan speed; White: low fan speed; Blue: Neutral wire.
- Terminal 5 connects with reserved speed.
- Please connect wires properly, or the motor would be burned-out.

7 Electrical Characteristic

| Model name | Units | | | | Power Supply | | IFM (Indoor Fan Motor) | |
|-----------------|-------|-----------|----------|----------|--------------|---------|---------------------------|---------|
| | Hz | Volts (V) | Min. (V) | Max. (V) | MCA (A) | MFA (A) | KW (W) | FLA (A) |
| MKT3-200G12-CL | 50 | 220-240 | 198 | 264 | 0.20 | 15 | 34 | 0.16 |
| MKT3-200G30-CL | 50 | 220-240 | 198 | 264 | 0.25 | 15 | 43 | 0.20 |
| MKT3-200G50-CL | 50 | 220-240 | 198 | 264 | 0.28 | 15 | 47 | 0.22 |
| MKT3-300G12-CL | 50 | 220-240 | 198 | 264 | 0.21 | 15 | 37 | 0.17 |
| MKT3-300G30-CL | 50 | 220-240 | 198 | 264 | 0.36 | 15 | 63 | 0.29 |
| MKT3-300G50-CL | 50 | 220-240 | 198 | 264 | 0.40 | 15 | 70 | 0.32 |
| MKT3-400G12-CL | 50 | 220-240 | 198 | 264 | 0.38 | 15 | 63 | 0.30 |
| MKT3-400G30-CL | 50 | 220-240 | 198 | 264 | 0.41 | 15 | 72 | 0.33 |
| MKT3-400G50-CL | 50 | 220-240 | 198 | 264 | 0.55 | 15 | 94 | 0.44 |
| MKT3-500G12-CL | 50 | 220-240 | 198 | 264 | 0.45 | 15 | 78 | 0.36 |
| MKT3-500G30-CL | 50 | 220-240 | 198 | 264 | 0.51 | 15 | 91 | 0.41 |
| MKT3-500G50-CL | 50 | 220-240 | 198 | 264 | 0.65 | 15 | 112 | 0.52 |
| MKT3-600G12-CL | 50 | 220-240 | 198 | 264 | 0.53 | 15 | 91 | 0.42 |
| MKT3-600G30-CL | 50 | 220-240 | 198 | 264 | 0.63 | 15 | 110 | 0.50 |
| MKT3-600G50-CL | 50 | 220-240 | 198 | 264 | 0.75 | 15 | 130 | 0.60 |
| MKT3-700G12-CL | 50 | 220-240 | 198 | 264 | 0.66 | 15 | 116 | 0.53 |
| MKT3-700G30-CL | 50 | 220-240 | 198 | 264 | 0.69 | 15 | 120 | 0.55 |
| MKT3-700G50-CL | 50 | 220-240 | 198 | 264 | 0.88 | 15 | 154 | 0.70 |
| MKT3-800G12-CL | 50 | 220-240 | 198 | 264 | 0.70 | 15 | 123 | 0.56 |
| MKT3-800G30-CL | 50 | 220-240 | 198 | 264 | 0.83 | 15 | 146 | 0.67 |
| MKT3-800G50-CL | 50 | 220-240 | 198 | 264 | 0.98 | 15 | 169 | 0.78 |
| MKT3-1000G12-CL | 50 | 220-240 | 198 | 264 | 0.88 | 15 | 155 | 0.70 |
| MKT3-1000G30-CL | 50 | 220-240 | 198 | 264 | 1.05 | 15 | 184 | 0.84 |
| MKT3-1000G50-CL | 50 | 220-240 | 198 | 264 | 1.19 | 15 | 215 | 0.95 |
| MKT3-1200G12-CL | 50 | 220-240 | 198 | 264 | 1.10 | 15 | 96×2 | 0.44×2 |
| MKT3-1200G30-CL | 50 | 220-240 | 198 | 264 | 1.31 | 15 | 115×2 | 1.05 |
| MKT3-1200G50-CL | 50 | 220-240 | 198 | 264 | 1.60 | 15 | 137×2 | 0.64×2 |
| MKT3-1400G12-CL | 50 | 220-240 | 198 | 264 | 1.35 | 15 | 110×2 | 0.54×2 |
| MKT3-1400G30-CL | 50 | 220-240 | 198 | 264 | 1.40 | 15 | 123×2 | 1.12 |
| MKT3-1400G50-CL | 50 | 220-240 | 198 | 264 | 1.88 | 15 | 180×2 | 0.75×2 |

Abbreviations:

MCA: Min. Current Amps. (A)

MFA: Max. Fuse Amps. (A)

IFM: Indoor Fan Motor

FLA: Full Load Amps. (A)


KW: Rated Motor Output (W)

Part 3






Accessories

| | |
|------------------------------|-----|
| 1 Standard Accessories | 108 |
| 2 Optional Accessories..... | 108 |

1 Standard Accessories

| Accessory name | Qty. | Shape | Usage |
|-------------------------------|------|--|------------------------------------|
| Owner's & installation manual | 1 | / | Installation guide |
| Extended drain pan | 1 |  | Connect drain water from valve kit |

2 Optional Accessories

| Accessory name | Qty. | Shape | Usage |
|----------------------------------|------|--|---------------------|
| PCB control kit CE-FCUKZ-03-B | 1 |  | Electric control |
| Remote controller RM05/BGE | 1 |  | Remote control |
| Remote controller R51/E | 1 |  | Remote control |
| Wired controller KJR-18B/E | 1 |  | Wired control |
| Wired controller KJRP-86A/I | 1 |  | Wired control |
| Centralized controller CCM30 | 1 |  | Centralized control |

Note: the remote controllers and centralized controllers above can only be used under the premise of adding PCB control kit.

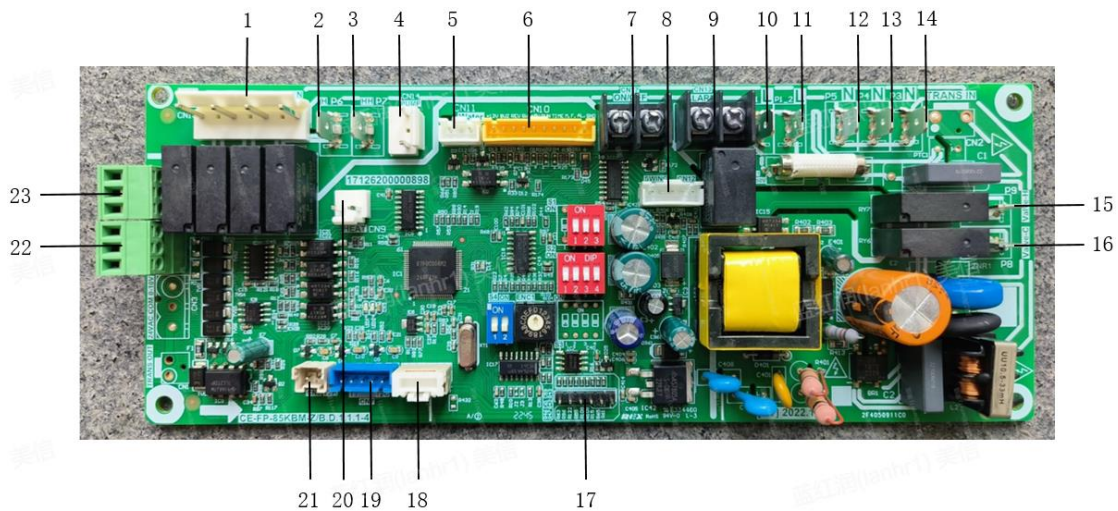
2.1 PCB control kit for FCU



2.1.1 Specifications

| | | |
|-----------------------------------|-------------------------|-------------------|
| Model | | CE-FCUKZ-03-B |
| Power supply | | 220-240V-1Ph-50Hz |
| Operation range | Room temperature | 17°C~30°C |
| | Inlet water temperature | 3°C~75°C |
| Temperature controlling precision | | ±1°C |
| Dimension (W×H×D) | | 308mmx80mmx244mm |
| Packing Size (W×H×D) | | 517mmx140mmx319mm |

2.1.2 Internal View



2.1.3 Ports of Main Control Board

| No. | Position No. | Description |
|-----|--------------|---|
| 1 | CN16 | L: Low fan speed output port of AC fan |
| | | M: Medium speed output port of AC fan |
| | | H: High fan speed output port of AC fan |
| | | N: Neutral line output port of AC fan |
| 2 | P6 | H: High fan speed output port of AC fan |
| 3 | P7 | HH: Ultra-high fan speed reserved output port of AC fan (unconnected) |
| 4 | CN14 | PUMP: Water pump output port |
| 5 | CN11 | WATER: Water level switch port |
| 6 | CN10 | Display panel docking port (ten-core) |
| 7 | CN17 | ON/OFF: Remote on/off port |
| 8 | CN12 | SWING: Swing motor port |
| 9 | CN13 | ALARM: Fault alarm output |

| | | |
|----|-------|--|
| 10 | P1_1 | L: Power live wire input |
| 11 | P1_2 | L: Power live wire input |
| 12 | P5 | N: Power neutral wire |
| 13 | P4 | N: Power neutral wire |
| 14 | P3 | N: Power neutral wire |
| 15 | P9 | Valve-H: Heating two/three way valve Live Wire |
| 16 | P8 | Valve-C: Cooling two/three way valve Live Wire |
| 17 | CN22 | EEPROM program burn-in port |
| 18 | CN300 | Master program burn-in port |
| 19 | CN7 | T2C: Cooling tube temperature sensor port |
| | | T1: Room temperature sensor port |
| 20 | CN9 | HEAT: Auxiliary heater relay control port |
| 21 | CN8 | T2H: Heating tube temperature sensor port |
| 22 | CN23 | PQE: Modbus communication port |
| 23 | CN18 | XYE: centralized control communication port |

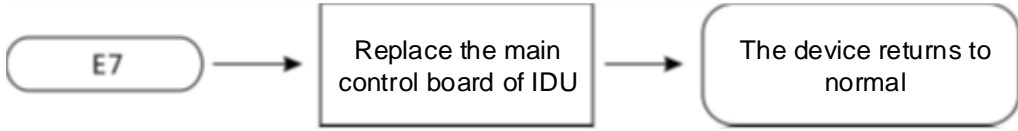
2.1.4 Common Error Codes

| No. | Error | Name | Error Code | LED Display Status | Note |
|-----|------------|--|------------|--|--|
| 1 | Error | EEPROM communication error | E7 | Running indicator and timing indicator flash at 5Hz | Unit shutdown, unrecoverable |
| 2 | Error | Room temperature sensor port exception | E2 | Timing indicator flashes at 5Hz | Unit shutdown, auto recovery after troubleshooting |
| 3 | Error | Coil temperature sensor (T2C) port exception | E3 | Running indicator flashes at 5Hz | Unit shutdown, auto recovery after troubleshooting |
| 4 | Error | Coil temperature sensor (T2H) port exception | E4 | Running indicator flashes at 5Hz | Unit shutdown, auto recovery after troubleshooting |
| 5 | Protection | Water level exceeds warning level | EE | Water level alarm indicator flashes at 5Hz | Auto recovery after troubleshooting |
| 6 | Protection | Water temperature over-range protection | P1 | Running indicator and anti-cold/hot air indicator flash at 5Hz | Auto recovery after troubleshooting |
| 7 | Protection | Anti-freezing protection | P0 | Running indicator and water level warning indicator flash at 5Hz | Auto recovery after troubleshooting |
| 8 | Protection | Remote off | P2 | Anti-cold/hot air indicator flashes at 5Hz | No troubleshooting and no fault output |

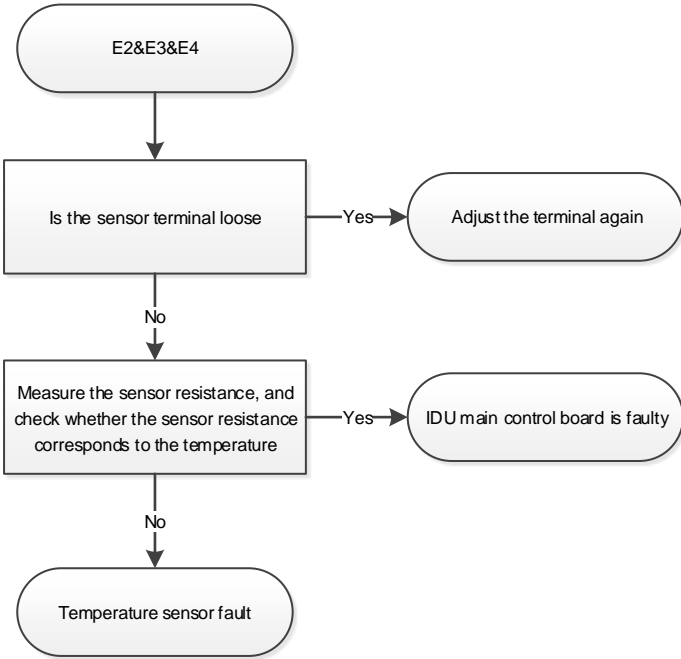
2.1.5 Troubleshooting

E7: EEPROM fault

| | |
|-------------------------|---|
| Applicable Model | AHU control box of fan coil unit (AC fan coil unit) |
| Diagnostic Logic | EEPROM fault |
| Cause | <ul style="list-style-type: none"> ■ Damaged EEPROM chip on the main control board |

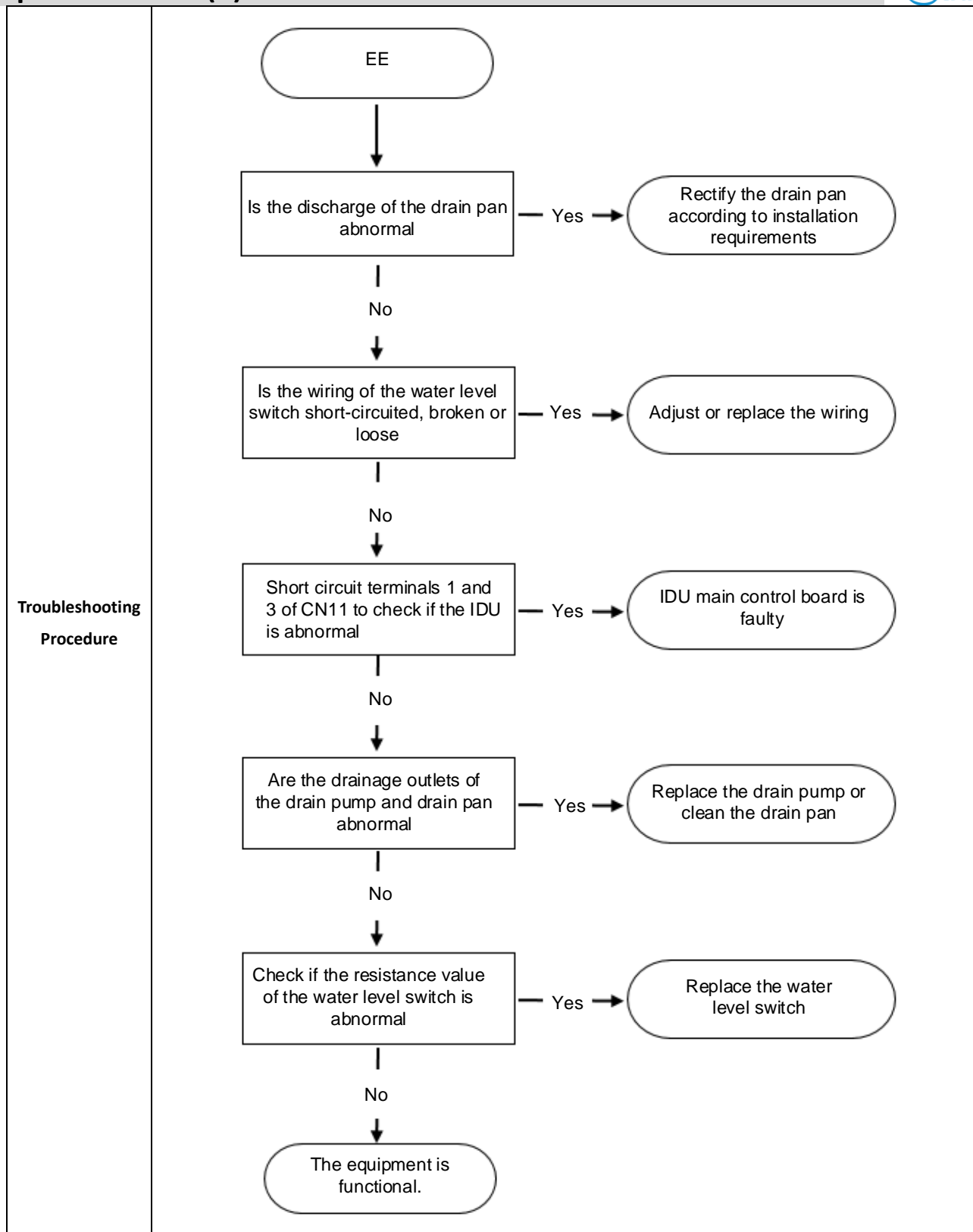
| | |
|----------------------------------|---|
| Troubleshooting Procedure |  <pre> graph LR E7([E7]) --> Replace[Replace the main control board of IDU] Replace --> Normal([The device returns to normal]) </pre> |
|----------------------------------|---|

E2&E3&E4: T1&T2C&T2H sensor fault

| | |
|----------------------------------|---|
| Applicable Model | AHU control box of fan coil unit (AC fan coil unit) |
| Diagnostic Logic | The resistance value of the sensor detected by the main control board is in an open circuit or short circuit; voltage > 4.95V or voltage < 0.05V |
| Cause | <ul style="list-style-type: none"> ■ Poor contact between the sensor and the main control board ■ Damaged sensor ■ Damaged main control board |
| Troubleshooting Procedure |  <pre> graph TD Start([E2&E3&E4]) --> Q1{Is the sensor terminal loose} Q1 -- Yes --> A1([Adjust the terminal again]) Q1 -- No --> Q2{Measure the sensor resistance, and check whether the sensor resistance corresponds to the temperature} Q2 -- Yes --> A2([IDU main control board is faulty]) Q2 -- No --> A3([Temperature sensor fault]) </pre> |

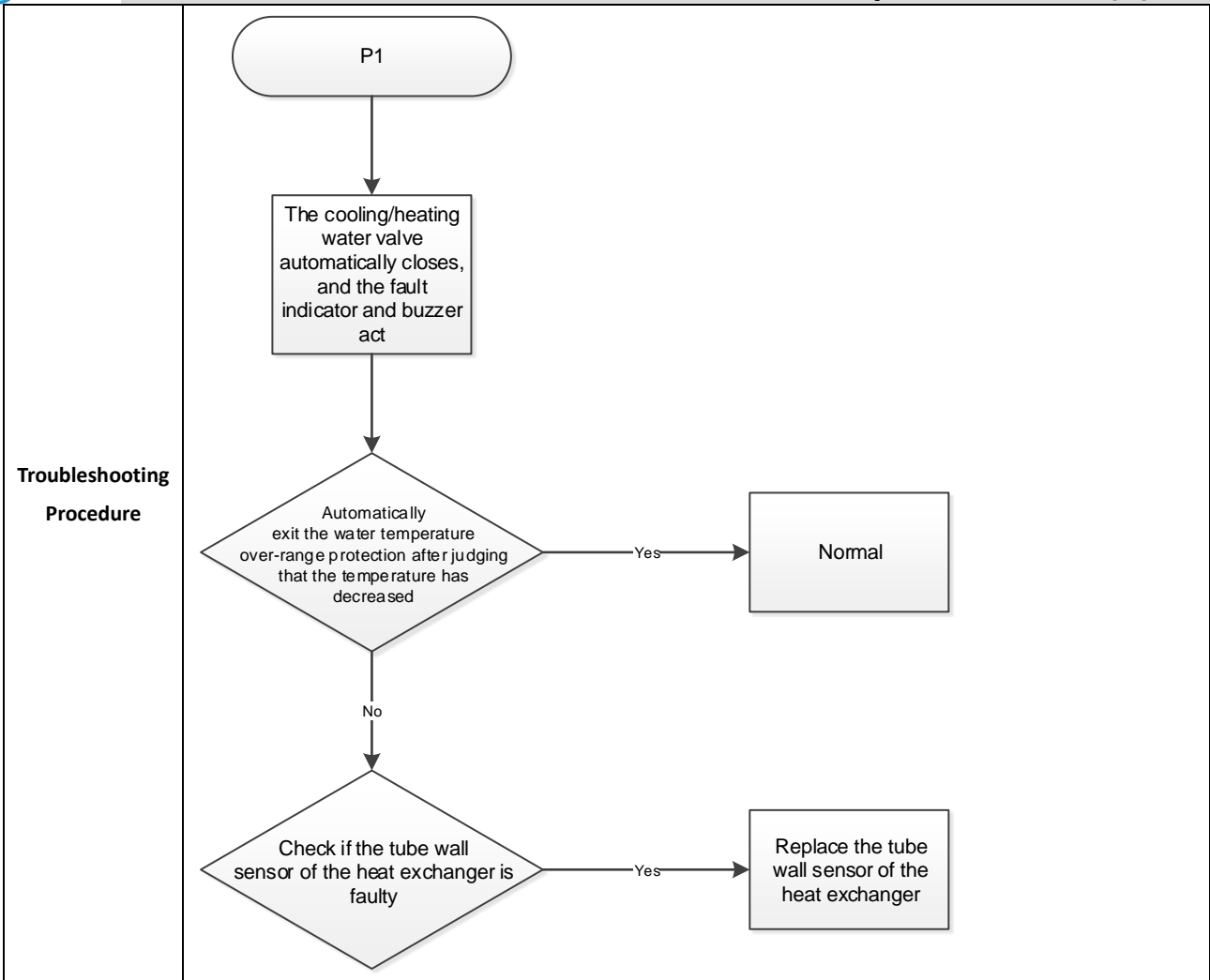
EE: Water level sensor fault

| | |
|-------------------------|--|
| Applicable Model | AHU control box of fan coil unit (AC fan coil unit) |
| Diagnostic Logic | Water level alarm fault, check whether the water level switch is in a closed or open state |
| Cause | <ul style="list-style-type: none"> ■ Loose or damaged wiring of water level switch ■ Water level switch stuck ■ Obstructed drainage of the IDU drain pan or damaged water pump ■ Damaged main control board of IDU |



P1: Water temperature over-range protection

| | |
|-------------------------|---|
| Applicable Model | AHU control box of fan coil unit (AC fan coil unit) |
| Diagnostic Logic | The water temperature exceeds the range that the system can withstand |
| Cause | <ul style="list-style-type: none"> ■ Water supply temperature beyond the safe range ■ Faulty temperature sensor of the heat exchanger, leading to higher detected temperature |

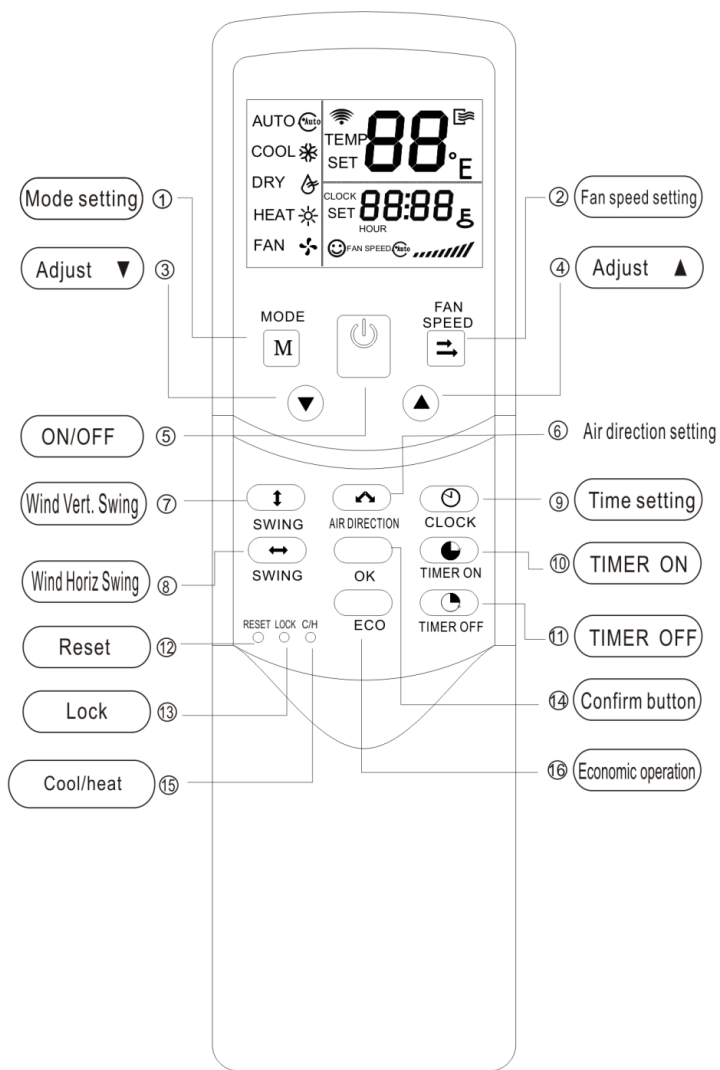


P0: Anti-freezing protection

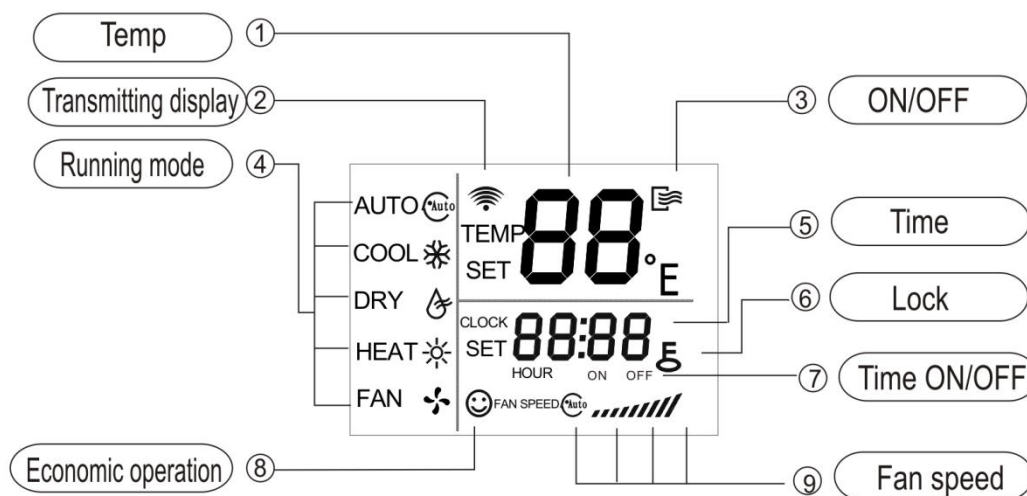
| | |
|----------------------------------|---|
| Applicable Model | AHU control box of fan coil unit (AC fan coil unit) |
| Diagnostic Logic | Prevent freezing due to low temperature inside the heat exchanger |
| Cause | Low temperature inside the heat exchanger |
| Troubleshooting Procedure | P0 Anti-freezing protection is a normal auto protection function. When the wall temperature T2C of the heat exchanger is below 3°C, the device will automatically start anti-freezing protection and the buzzer will operate. At the same time, if the indoor temperature T1 is below 10°C, the indoor fan will stop. When the wall temperature T2C of the heat exchanger exceeds 10°C, the device will automatically exit anti-freezing protection and return to normal. |

2.2 Optional remote controller: RM05/BGE

2.2.1 Operation section



2.2.2 Display section



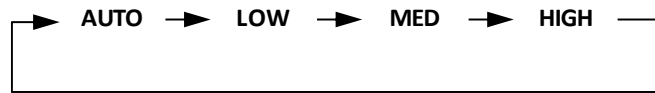
2.2.2.1 How to operate

- **MODE:** Once pressing, running mode will be selected in the following sequence:



NOTE: No heating mode for cool only type unit.

- **FAN SPEED:** Fan speed will be selected in following sequence once pressing this button:

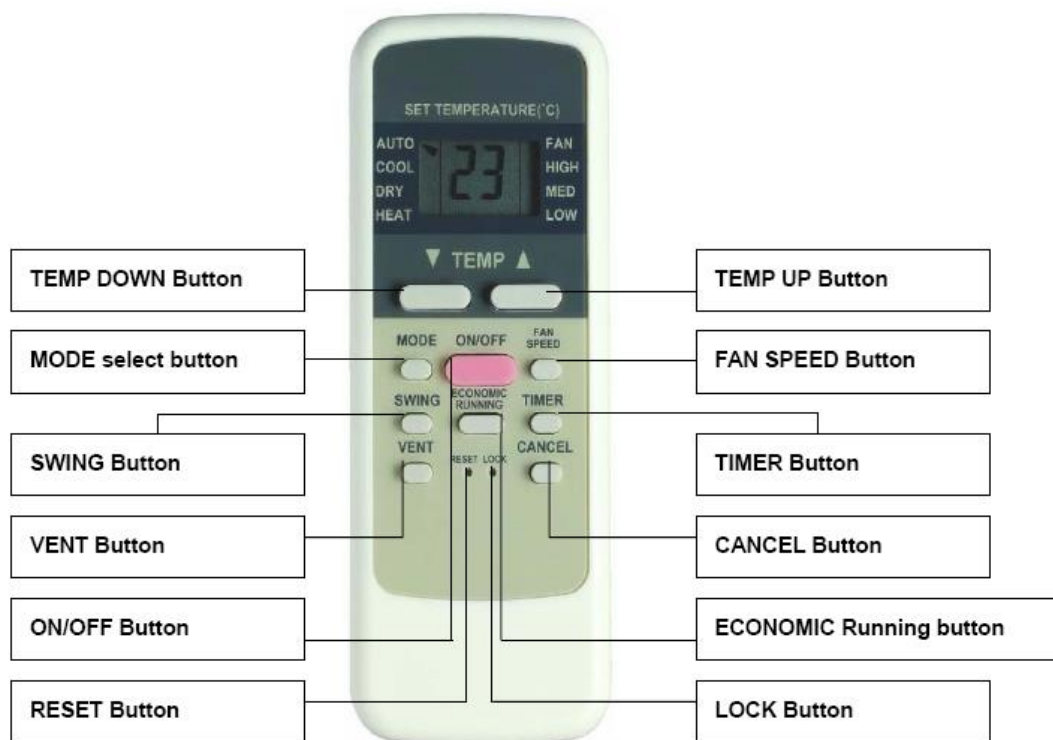


- **Adjust:** Decrease the set temp. Keeping pressing will decrease the temp with 1°C per 0.5s.
- **Adjust:** Increase the set temp. Keeping pressing will increase the temp with 1°C per 0.5s.
- **ON/OFF:** For turning on or turning off the air conditioner.
- **AIR DIRECTION:** Activate swing function of air deflector. Once pressing, air deflector will turn 6°. For normal operation and better cooling and heating effect, deflector will not turn to the degree which is the state of deflector when the unit is turned off. (Only available when remote controller is used with corresponding unit.)
- **HORIZ SWING:** Activate or turn off horizontal swing function. (Only available when remote controller is used with corresponding unit.)
- **VERT SWING:** Activate or turn off vertical swing function. (Only available when remote controller is used with corresponding unit.)
- **CLOCK:** Display the current time. (12:00 is displayed when resetting or electrifying for the first time.) Press CLOCK for 5s, icon indicating hour will flash with 0.5s. Press it again, ▼ and ▲ are used to adjust the figure. Setting or modification is effective only by pressing OK button to make confirmation.
- **TIME ON:** For time ON setting. Once pressing this button, the time will increase by 0.5 hour. When the set time exceeds 10 hours, pressing the button will increase the time by 1 hour. Adjusting the figure to 0.00 will cancel time ON setting.
- **TIME OFF:** For time OFF setting. Once pressing this button, the time will increase by 0.5 hour. When the set time exceeds 10 hours, pressing the button will increase the time by 1 hour. Adjust the figure to 0.00 will cancel time ON setting.
- **RESET (inner located):** Press this button with a needle of 1mm to cancel the current setting and reset remote controller.
- **LOCK (inner located):** Press this button with a needle of 1 mm to lock or unlock the current setting.
- **OK:** Used to confirm the time setting and modification.
- **COOL/HEAT (inner located):** Press this button with a needle of 1 mm to shift mode between COOL only and COOL&HEAT. During setting, back light will be lightened. Factory default mode is COOL & HEAT.
- **ECO:** Activate or turn off economic operation mode. It is suggested to turn on this function when sleeping. (Only available when remote controller is used with corresponding unit.)

2.2.2.2 Specifications

| | |
|---------------------------------------|---|
| Model | RM05/BGE |
| Rated Voltage | 3.0V |
| Lowest Voltage of CPU Emitting Signal | 2.4V |
| Reaching Distance | 8m (when using 3.0 voltage, it can get 11m) |
| Environment Temperature Range | -5°C~60°C |

2.3 Optional remote controller: R51/E



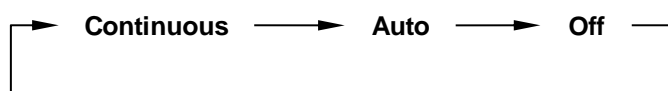
2.3.1 How to operate

- **TEMP DOWN Button:** Push the TEMP DOWN button to decrease the indoor temperature setting or to adjust the timer in a counter-clockwise direction.
- **MODE SELECT Button:** Each time you push the button, a mode is selected in a sequence that goes from AUTO, COOL, DRY, HEAT and FAN as the following figure indicates:



NOTE: HEAT only for Heat Pump.

- **SWING Button:** Push this switch button to change the louver angle.
- **RESET Button:** When the RESET button is pushed, all of the current settings are cancelled and the control will return to the initial settings.
- **ECONOMIC RUNNING Button:** Push this button to go into the Energy-Saving operation mode.
- **LOCK Button:** Push this button to lock in all the current settings. To release settings, push again.
- **CANCEL Button:** Push this button to cancel the TIMER settings.
- **TIMER Button:** This button is used to preset the time ON (start to operate) and the time OFF (turn off the operation)
- **ON/OFF Button:** Push this button to start the unit operation. Push the button again to stop the unit operation.
- **FAN SPEED Button:** This button is used for setting fan speed in the sequence that goes from AUTO, LOW, MED to HIGH, and then back to Auto.
- **TEMP UP Button:** Push this button to increase the indoor temperature setting or to adjust the timer in a counter-clockwise direction.
- **VENT Button:** Push this button to set the ventilating mode. The ventilating mode will operate in the following sequence:



NOTE: Ventilation Function is available for the Fresh Star Series.

2.3.2 specifications

| | |
|---------------------------------------|---|
| Model | R51/E |
| Rated Voltage | 3.0V |
| Lowest Voltage of CPU Emitting Signal | 2.0V |
| Reaching Distance | 8m (when using 3.0 voltage, it can get 11m) |
| Environment Temperature Range | -5°C~60°C |

2.4 Optional wired controller for ducted units without electric heater: KJR-18B/E

2.4.1 Models

KJR-18B/E is a thermostat that has developed into 4 types. Each type has its own features to suit different environment.

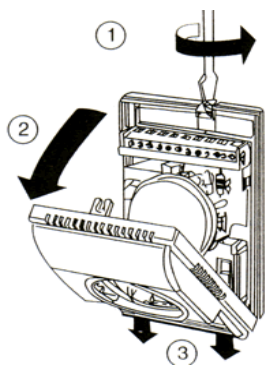
| Models | Features |
|-------------|---|
| KJR-18B/E-A | Only control 3-speed fan, when the temperature reaches the set-point, it will close the Fan. |
| KJR-18B/E-B | Control motorized valve and 3-speed fan, when the temperature reaches the set-point, it will close the motorized valve and fan both |
| KJR-18B/E-C | Control motorized valve and 3-speed fan, when the temperature reaches the set-point, it will close the motorized valve with the fan still running |
| KJR-18B/E-D | Control 4 pipe fan coil units, control two motorized valves and 3-speed fan, when the temperature reaches the set-point, it will close the motorized valves with the fan still running. |

2.4.2 Specifications

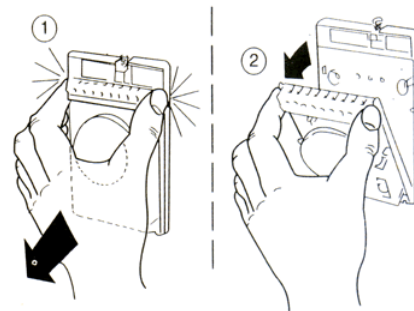
| | |
|-----------------------------------|--------------------------------------|
| Model | KJR-18B/E |
| Available appliance | Ducted FCU without electrical heater |
| Power supply | AC 220V±10%-1Ph-50/60Hz |
| Operating temperature | 0~45°C |
| Operating Humidity | 5~90%RH |
| Temperature controlling range | 10~30°C |
| Temperature controlling precision | ±1°C |
| Dimension (H×W×D) | 130×85×43mm |

2.4.3 Installation

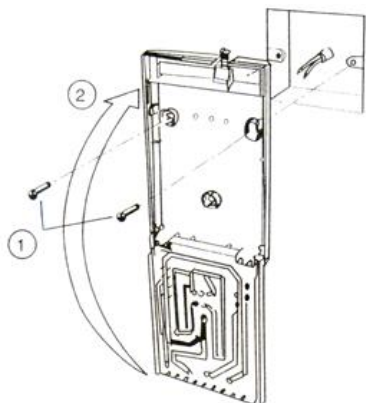
1) Dismantle the front panel



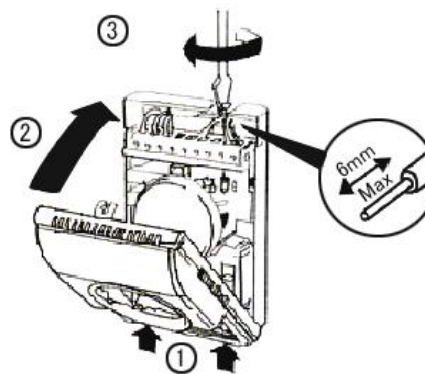
2) Dismantle the middle part



3) Install the back base



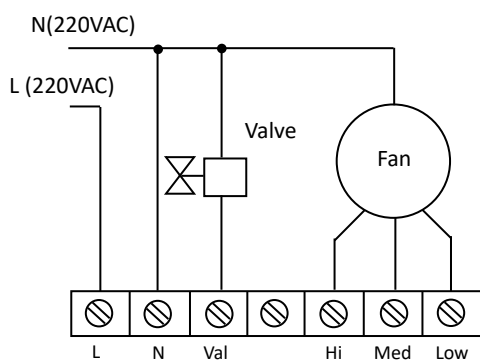
4) Wire Connection



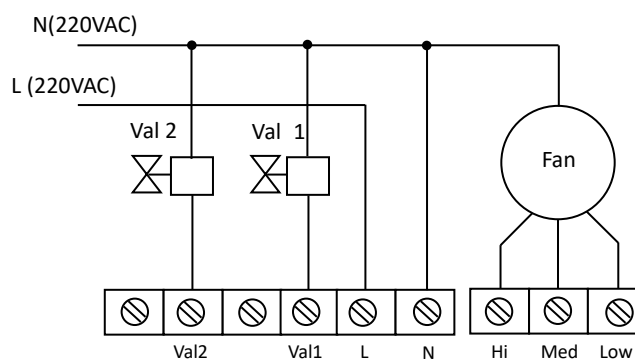
2.4.4 Wiring diagrams

KJR-18B/E-A KJR-18B/E-B KJR-18B/E-C

KJR-18B/E-D



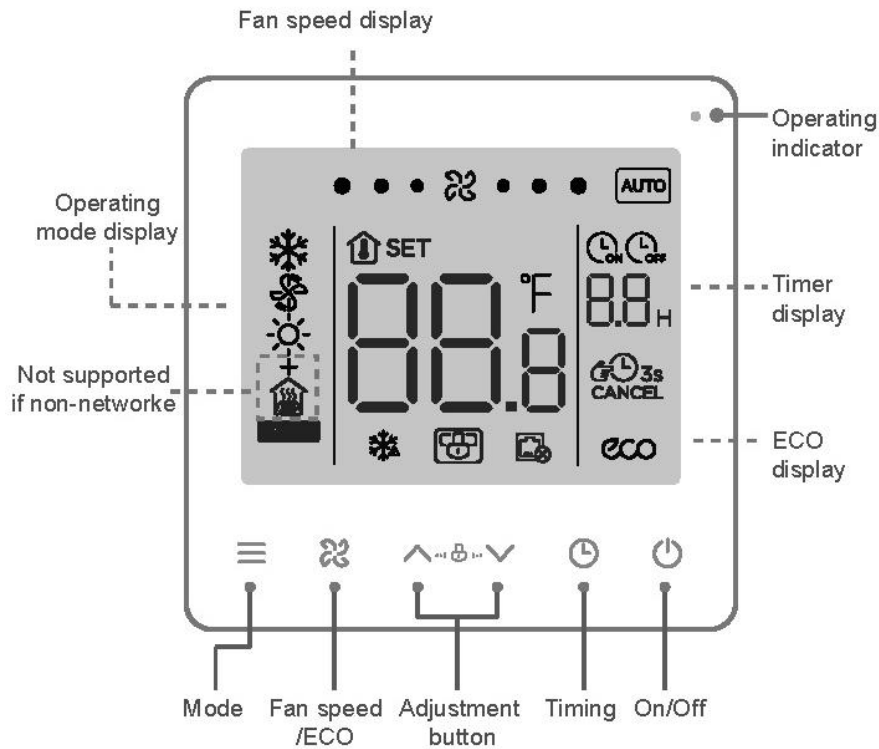
2-wire NC valve system
(KJR-18B/E-A without Motorized Valve)



Val1: For heating Val2: For cooling
2-wire NC valve system

Note: Please confirm the model and use corresponding wiring diagram above when you wire.

2.5 Optional wired controller for ducted units with electric heater: KJRP-86I/A



2.5.1 Functions

| Function | Available model |
|--|--------------------------------------|
| Available for ducted FCU with electric heater | All |
| Blue backlight | KJRP-86A/BMFNKD-E |
| Clock display | All |
| Temperature setting | All |
| Mode setting : cool/heat/fan/electric heating on/off | All |
| Fan speed setting: auto/high/medium/low | All |
| Motorized valve control | All |
| Electric heating control | KJRP-86A/BMFNKD-E KJRP-86I/MFKS-E |
| Remote control (optional) | KJRP-86A/BMFNKD-E |

2.5.1 Specifications

| | |
|-----------------------------------|---|
| Model | Non-networked: KJRP-86I/MFK-E Non-networked: KJRP-86I/MFKS-E Networked: KJRP-86A/BMFNKD-E |
| Power supply | AC 220-240V~, 50/60Hz |
| Power consumption | < 2W |
| Temperature limit | -15°C to 43°C |
| Humidity | ≤ RH90 % |
| Degree of pollution | 2 |
| Action Type | 1B.U |
| Temperature controlling precision | ± 1°C |

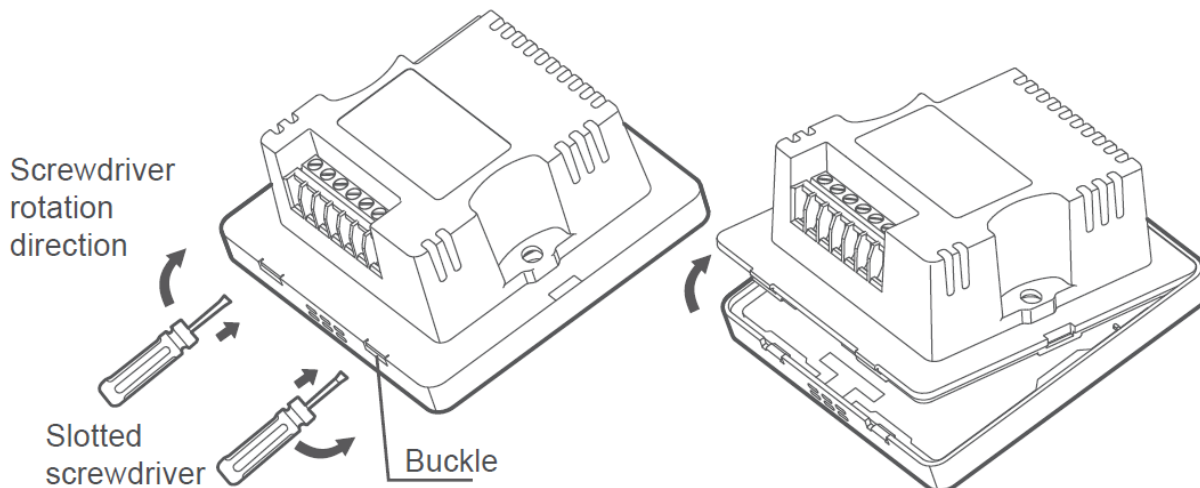
2-Pipe Duct MKT3(C) Series



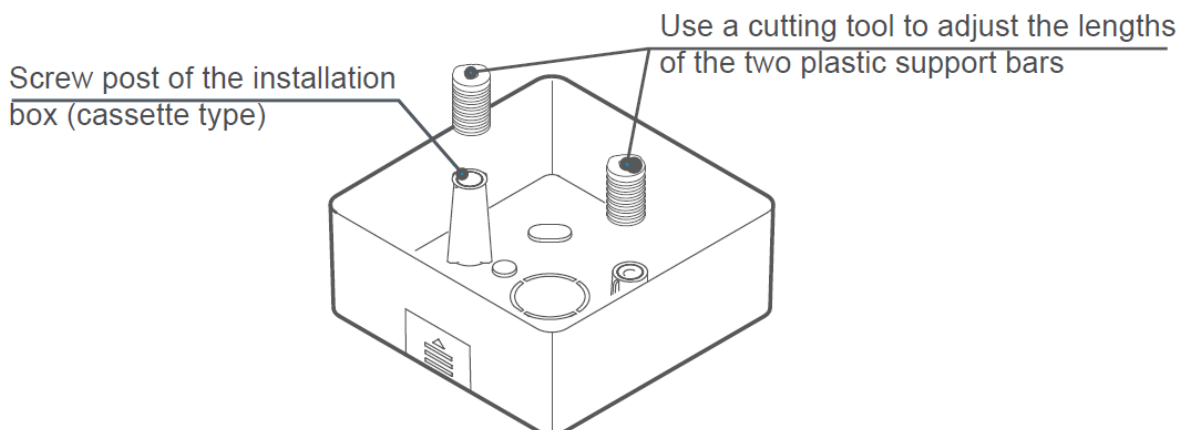
| | |
|---------------------------|-----------------|
| External dimension(W×H×D) | 86×86×9 mm |
| Mounting hole | 60mm (standard) |

2.5.2 Installation

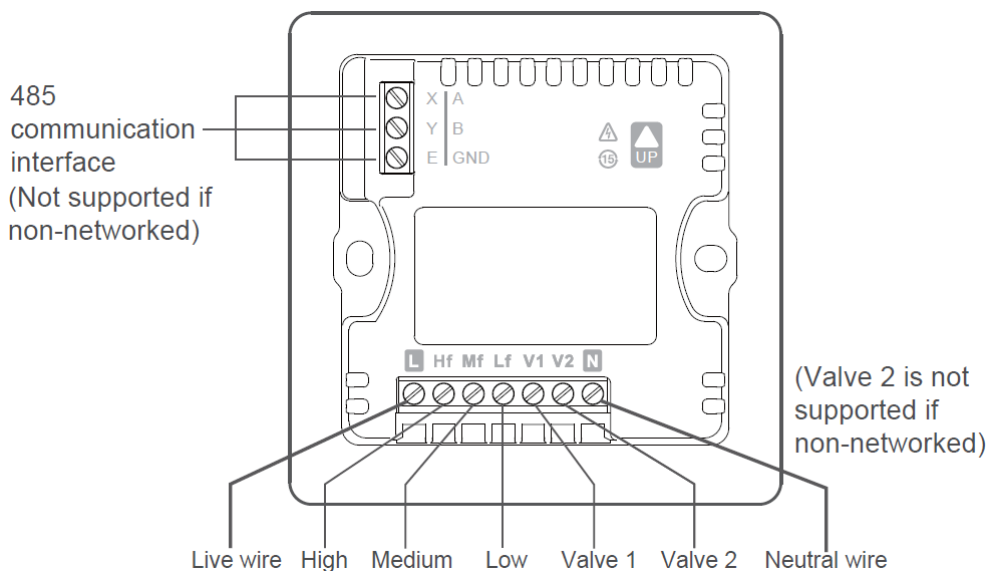
1. Remove rear cover of the wired controller: insert a slotted-head screwdriver into the bottom buckle of the wired controller, and rotate in the direction indicated to remove the rear cover. Remove the flat cable connecting the front and rear PCBs and remove the front cover of the wired controller.



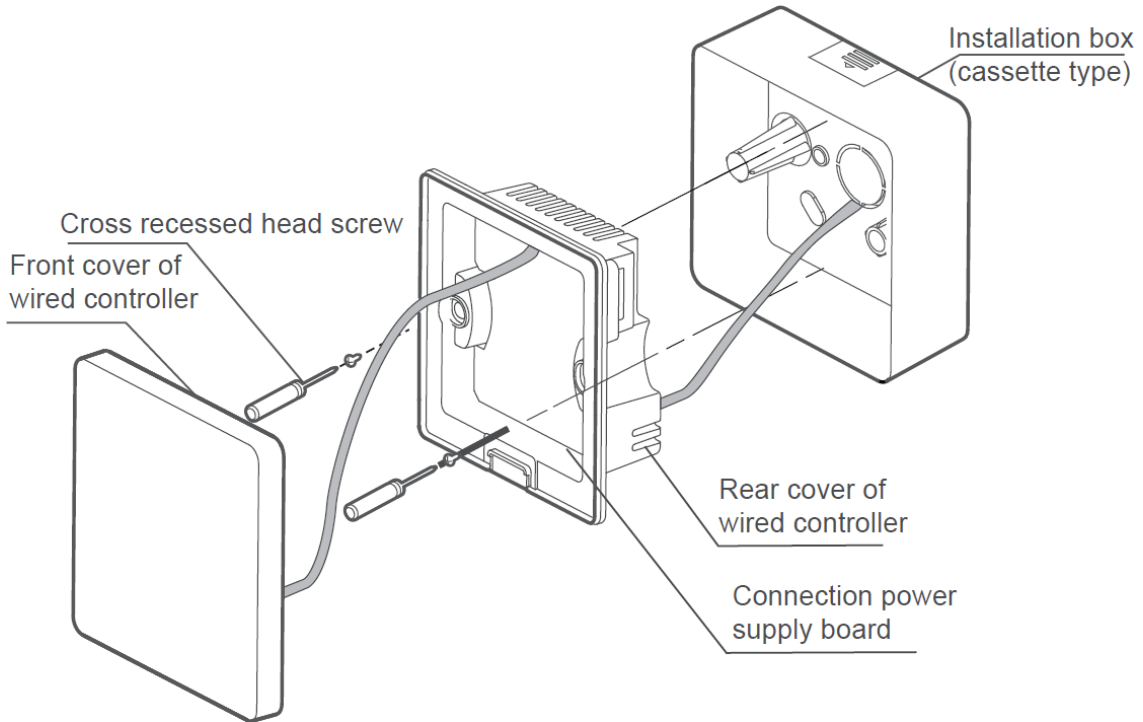
2. Install support bars: Adjust the lengths of the two plastic support bars in the accessories. Ensure that the rear cover of the wired controller stays level with the wall when installed on the screw post of installation box (cassette type).



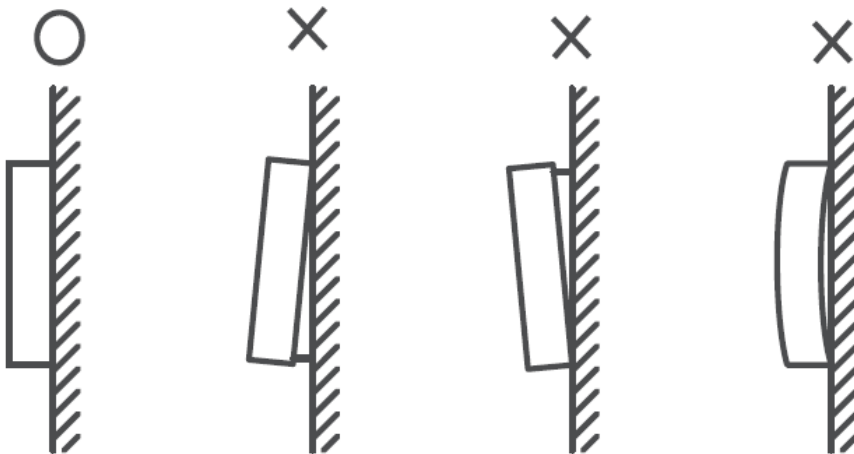
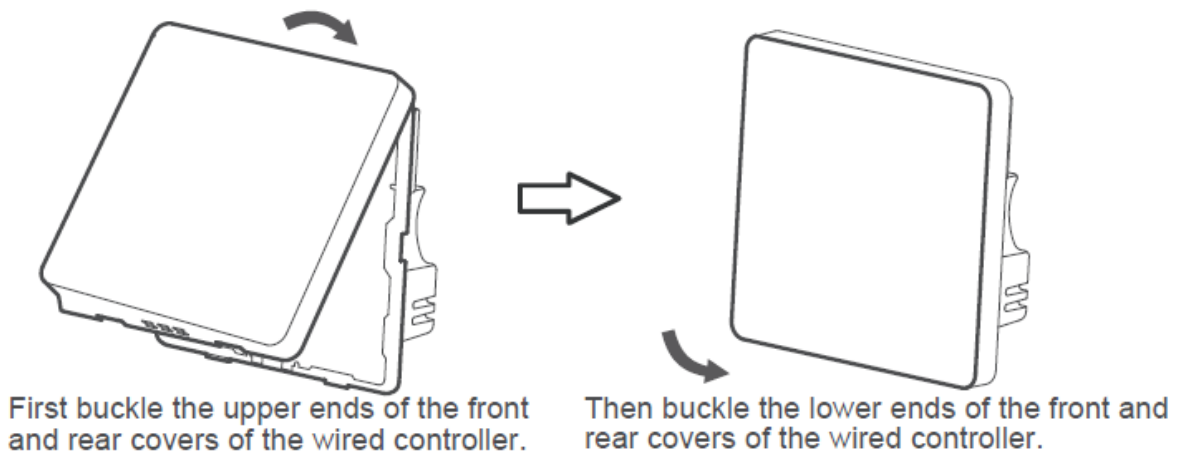
3. Wiring: Connect the cables according to the following wiring drawing.



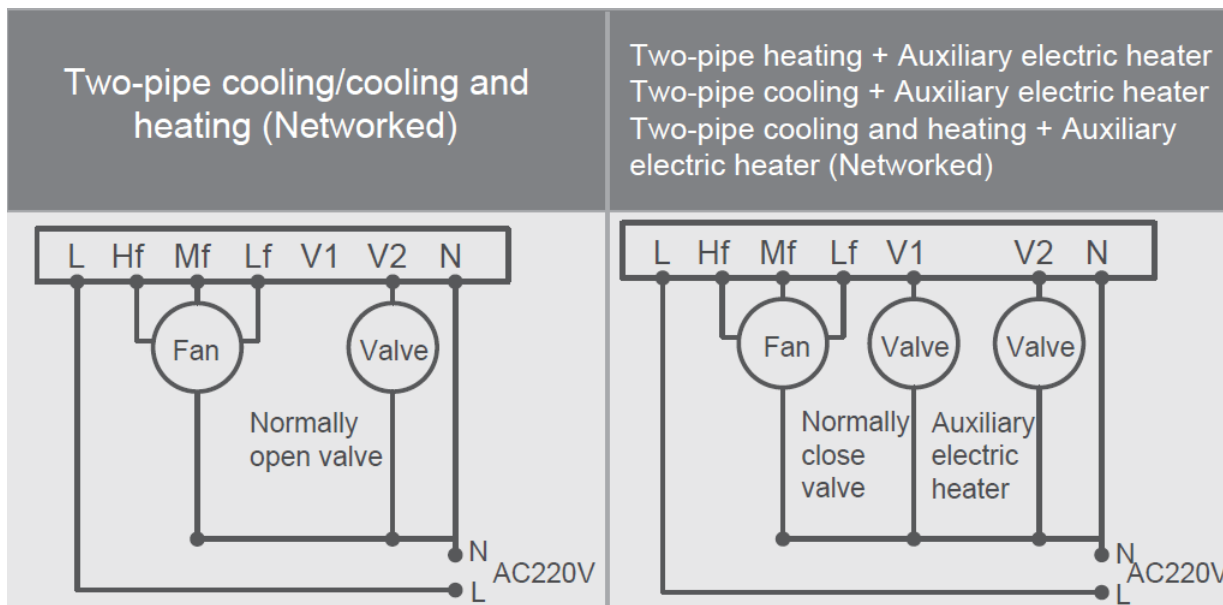
4. Insert the cable of the rear cover into the installation box (cassette type). Use pan head screws to fix the rear cover of the wired controller on the installation box (cassette type); connect the flat cable that connects the front and rear PCBs.



5. Buckle the front cover of the wired controller on the rear cover as shown in the following figure.



2.5.3 Wiring diagram



2.5.4 Operation

Basic setting

1 On/Off

Press . The operating status LED turns on and the air conditioner starts operating;

Press again. The operating status LED turns off and the air conditioner stops operating

2 Mode Selection

The icon is displayed when the air conditioner is off.

Press to change the operating mode according to the order shown below:

Two-pipe cooling and heating scenario is set before delivery from factory by default. The scenario can be changed based on the parameter settings according to the actual need.

Only two-pipe cooling and two-pipe cooling and heating modes are supported if non-networked

3 Temperature Setting

Except in the Fan mode, press or to adjust the set temperature indoors. Press and hold the button to increase or decrease the set temperature continuously.

4 ECO setting

Press and hold bottom for 2s to enable ECO mode.

Cooling ECO: 26°C, low fan speed; Fan ECO: low fan speed;

Heating ECO: 18°C, low fan speed; Auxiliary electric heater ECO: 18°C, low fan speed;

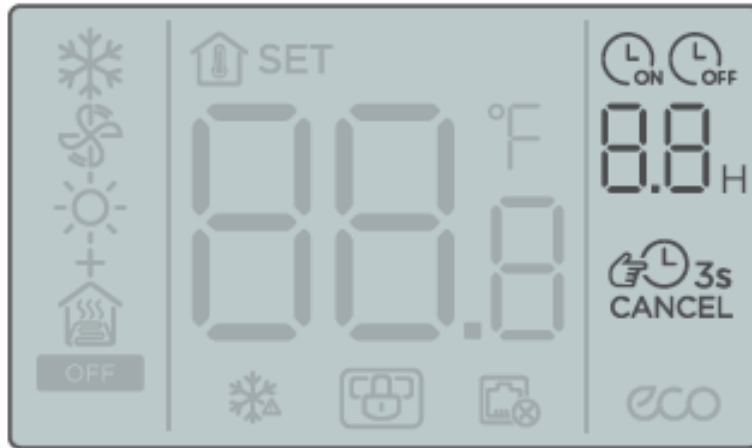
Heating + Auxiliary electric heater ECO: 18°C, low fan speed.

5 Fan speed setting

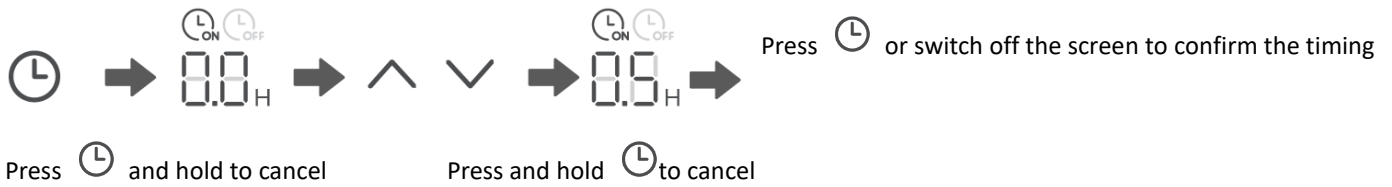
Press to adjust the fan speed, which can be set to High, Normal, Low and Auto.



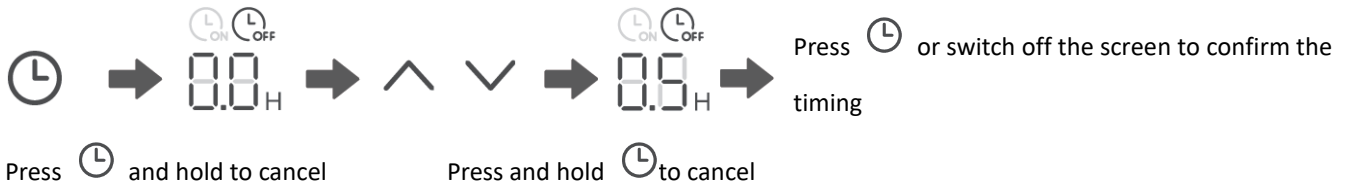
6 Timer setting



● Timed On setting



● Timed Off setting



7 Child lock setting

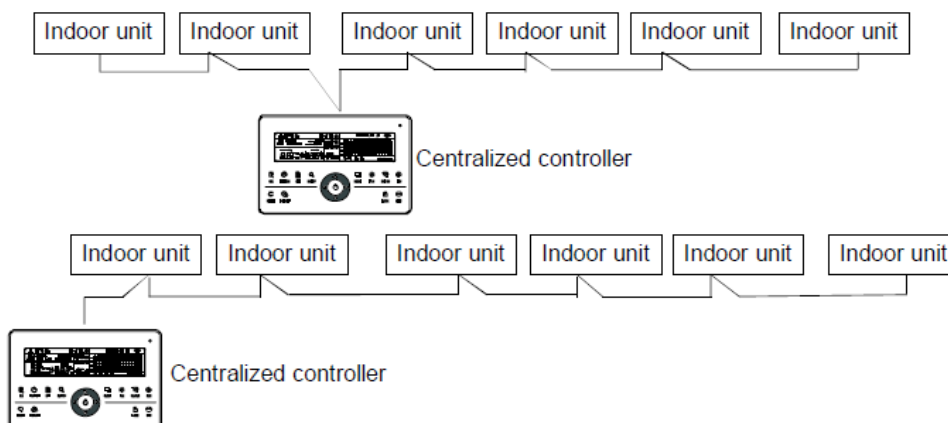
Enable child lock:



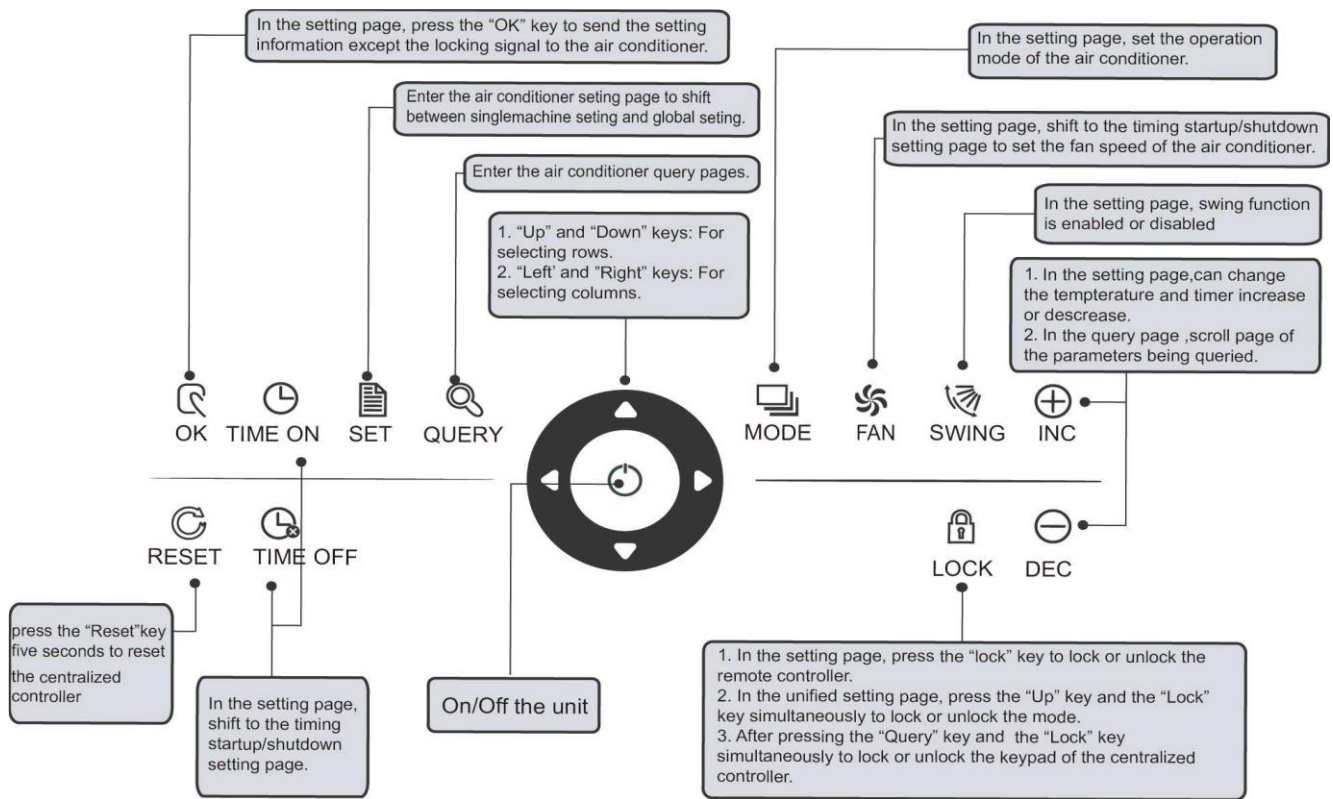
2.6 Optional centralized controller: CCM30



CCM30 is new designed and is a touch key centralized controller. It can be connected up to 64 indoor units, and the connection length can be up to 1200m. The CCM30 centralized controller has the air filter cleaning reminding function and it is convenient to remind users to clean the air filter. Both of the following wiring modes centralized controller and indoor units are applicable.



2.6.1 General functions and description



(1) Query key

Any time when you press the key, the selected operation mode is to query the operational state of the air conditioner. By default, the first in-service air conditioner will be queried.

(3) Setting key

In other display modes, press this key can enter the setting mode.

By default, it is a single setting, and the first in-service air conditioner is displayed. In setting the operation mode, press this key again, and the operation will be performed for all air conditioners in the network. Press the key repeatedly to shift between a single setting and global setting.

(4) Mode key

Under the setting operation mode, press this key to set the operation.

(5) Fan key

Under the setting operation mode, press this key to set the fan of the indoor unit to run in the automatic, high, medium or low level of air.

(6) Time on key

Under the setting operation mode, press this key can set the timing to turn on the air conditioner; press this key again can exit the timing setting, and restore the normal temperature regulation operation mode

(7) Time off key

Under the setting operation mode, press this key can set the timing shutdown of air conditioner, press this key again will exit the timing setting, and restore the normal temperature regulation operation mode.

(8) Swing key

2-Pipe Duct MKT3(C) Series



Under the setting operation mode, press this key can enable or disable the swing function. If all currently selected air conditioners have no swing function, no effect will result after pressing the key.



(9) Leftward key

In the query mode, if this key is pressed, the operation state data of the previous air conditioner will be displayed. If it is currently on the first machine, the data of the last machine will be displayed, when the key is pressed. If you hold down this key, the address will decrease one by one. In the setting mode, if it is in single operation mode, the air conditioner of the previous in-service address number will be selected, when this key is pressed, if it is in the global operation mode, no effect will result when this key is pressed. In the main page, press the key to enter the query mode. By default, it is the first in-service air conditioner.



(10) Rightward key

In the query mode, when the key is pressed, the next in-service air conditioner is selected, and its operational state data will be displayed. If it is currently on the last air conditioner, the first one is selected and its data displays, when the key is pressed. If this key is long pressed, the address will increase one by one.

In the setting mode, if it is in the single operation mode, when the key is pressed, the next in-service air conditioner will be selected. If it is in the global operation mode, no effect will result when the key is pressed.

In the main page, press the key to enter the query mode. By default, it is the first in-service air conditioner.



(11) Downward key

In the main page, press this key can enter the query mode. By default, it is the first in-service air conditioner. In any other time, press this key will select the next row corresponding position air conditioner.

In the setting mode, if the global operation mode is selected, this key is invalid. If it is on the last row, press this key again to shift to the first row air conditioner. If this key is long pressed, the row will increase one by one.



(12) Upward key

In the main page, press this key can enter the query mode. By default, it is the first in-service air conditioner. In any other time, press this key will select the previous corresponding position air conditioner.

In the setting mode, if selected all the air conditioners to operate, this key is invalid.

If it is on the first row, press this key again, and shift to the last row corresponding air conditioner.



(13) Add key **INC**

1) Query mode:

Press this key, display the data of the last page. If it is now in the last page, press this key again and the first page will be displayed.

2) Setting operation mode

① Temperature adjusting method

Press this key; the setting temperature will increase 1°C. If you hold down the key "**INC**", the setting temperature will increase one by one.

When reached the highest allowed to set temperature, it cannot increase.


② Timing on or timing off setting method

Press this key "**INC**", it will select the next setting time. If you hold down this key, the next data will be selected one by one. When reached the max. Allowed setting time, it cannot increase.




(14) Reduce key **DEC**

1) Query mode



Press this key "", display the data of the previous page. If it is now in the first page, press is key again and the last page will be displayed.

2) Setting operation mode

① Temperature adjusting method

Press this key "", the setting temperature will decrease 1°C. If you hold down this key, the setting temperature will decrease one by one. When reached the lowest allowed set temperature, it cannot decrease.

② Timing on or timing off setting method

Press this key "", it will select the next setting time. If you hold down the key "", the next data will be selected one by one. When reached the min allowed setting time, it cannot decrease.

(15) ON/OFF key



Any time when you press the key, the centralized startup/shutdown operation is performed for all current in-service air conditioners in the centralized controller network.

(16) Confirmation key



In the setting mode, press this key can send the currently selected mode state and the auxiliary function state to the selected air conditioner.

(17) Reset key



Any time when the reset key is pressed, the centralized controller will reset. The result is the same as the result of restoring power-on after power failure.

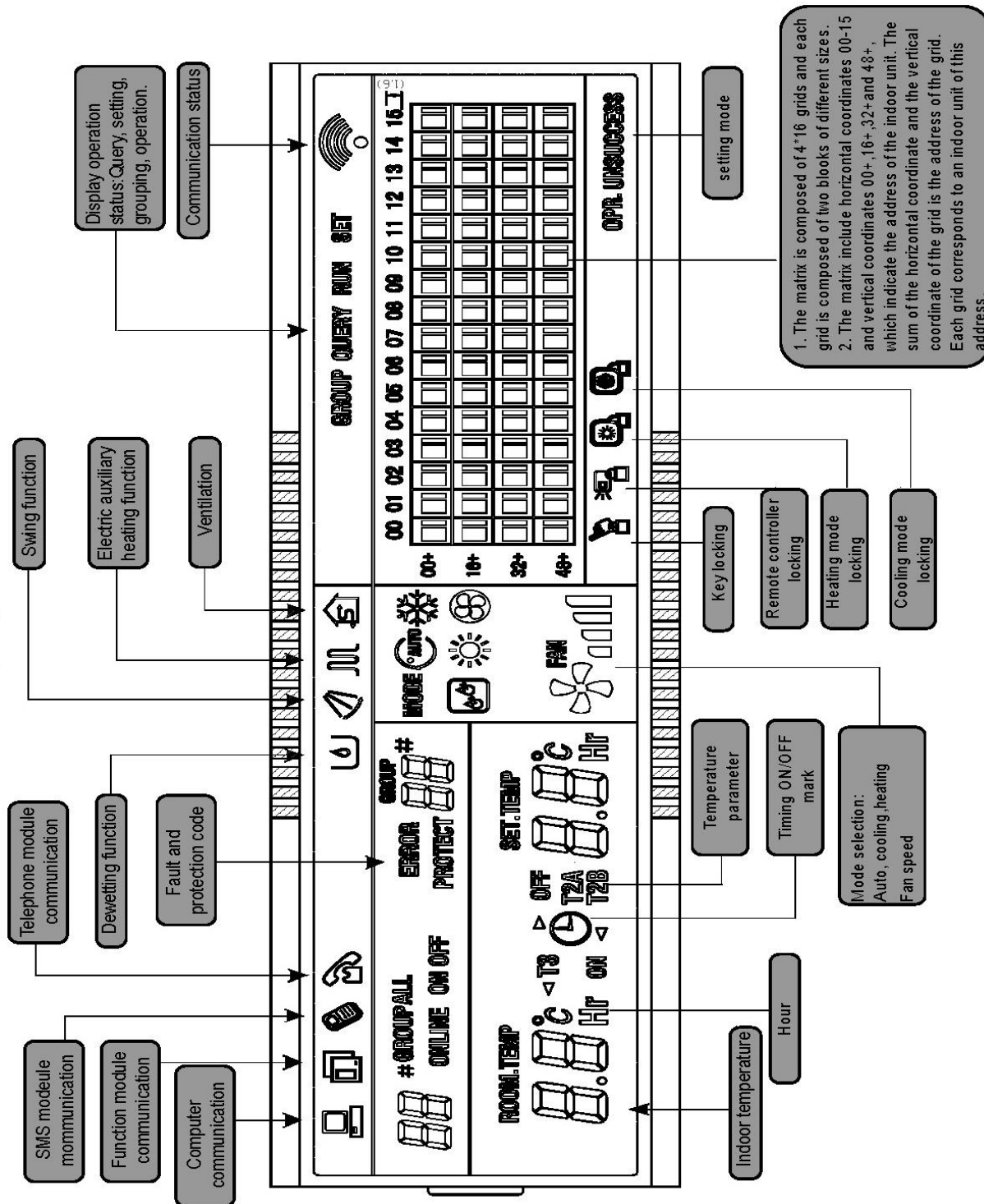
(18) Lock key



Any time when this key is pressed, the selected air conditioner can be locked or unlocked.

2.6.2 LCD display

Full display of LCD



2.6.3 Liquid crystal matrix display description

| | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 |
|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 00+ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 16+ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 32+ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 48+ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |

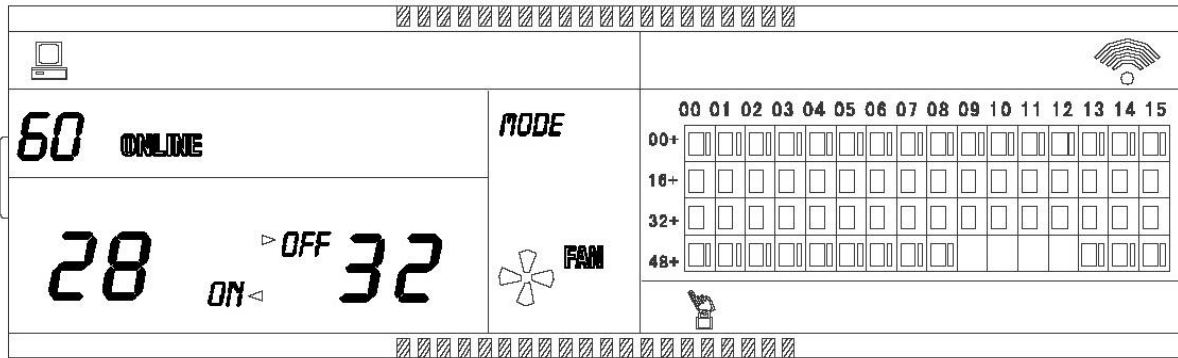
The liquid crystal matrix is composed of 4×16 grids, and each grid is composed of two blocks of different sizes. The matrix includes horizontal coordinates 00~15 on the upper side and vertical coordinates 00+, 16+, 32+ and 48+ on the left side, which indicate the address of the indoor unit. The sum of the horizontal coordinate and the vertical coordinate of the grid is the address of the grid. Each grid corresponds to an indoor unit of this address. One grid is composed of two blocks of different sizes. The state indication table is as follows;

| Status \ Object | Constantly on | Slow blink | | Fast blink |
|-------------------|---------------|------------|---------------------------------|----------------|
| Big black block | In-service | Selected | | Out of service |
| Small black block | Power on | | Fault of indoor or outdoor unit | Power off |

2.6.4 LCD display description

Description of the standby page

The LCD displays the main page, 60 air conditioners are in service, of which 28 are powered on and 32 off.

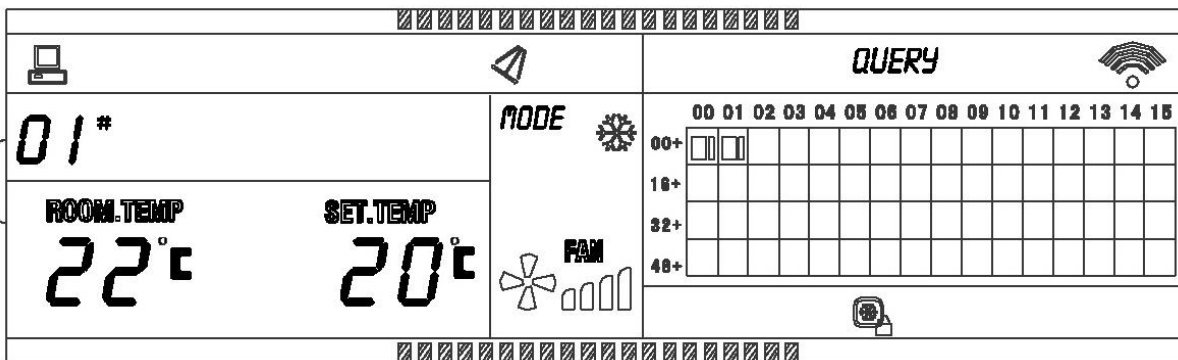


In the matrix, the big dots from (16+, 00) to (32+, 15) are luminous, and the small dots are not luminous. It indicates the 32 air conditioners with the addresses from 16 to 47 are powered off.

In the matrix, the big and small dots from (48+, 09) to (48+, 12) are not luminous. It indicates the four air conditioners with the address from 57 to 60 are outside the network.

All other big and small dots in the matrix are luminous. It indicates all other air conditioners are in the network and powered on. The address of the air conditioner is sum of the coordinates. For example, the address of (48+, 09) is 09+48=57.

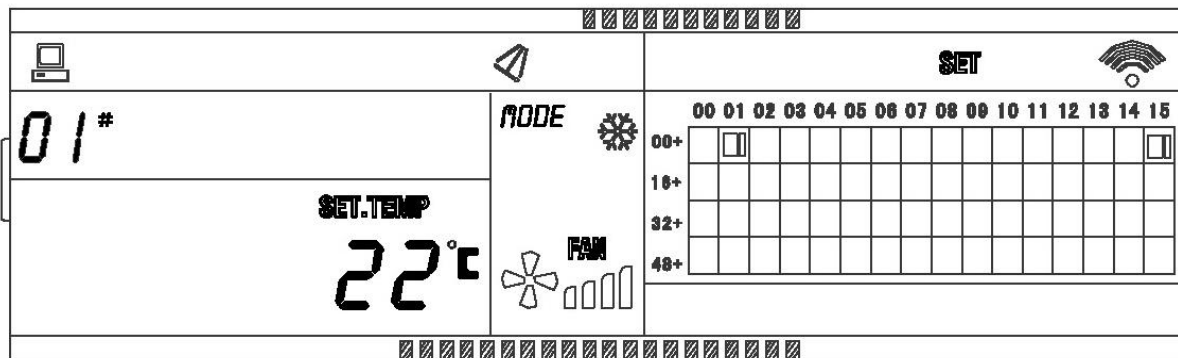
Description of the query page



The LCD displays the query page, and the air conditioner with the address of 01 is being queried. Mode of the air conditioner with the address 01 is cooling, high speed air supply, swing on, indoor temperature 22°C, setting temperature 20°C and cooling mode locked.

In the matrix, only the big and small black dots at (00+, 00) and (00+, 01) are luminous. It indicates the in-service and power-on state of the air conditioners with the addresses of 00 and 01.

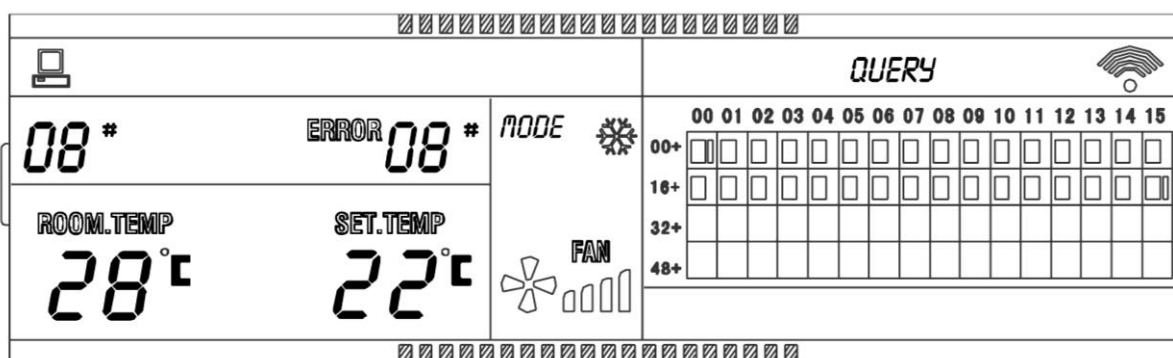
Description of the setting page



The LCD display displays the setting page, and queries the air conditioner with the address of 01.

The mode of the air conditioner with the address 01 is: Cooling, high fan speed, swing on, setting temperature 22°C and cooling. In the matrix, only the big black dots at (00+, 01) to (00+, 15) are luminous. It indicates the air conditioners with the addresses 01 and 15 are in service.

Fault page display description



Query the air conditioner with the address of 08 in the query page.

The air conditioner with the address of 08 is faulty, and fault code is 08. The big black dot below (00+, 08) blinks.

In the matrix, only the big and small black dots at (00+, 00) and (16+, 15) illuminate. It indicates the in-service state of the air conditioner power on, with the addresses 00 and 31.

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