

## 5. Specifications

Model			MKA-V600F	MKA-V750F	MKA-V850F
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m <sup>3</sup> /h	1287/1084/851	1389/1149/929	1444/1143/1008
		CFM	757/637/500	817/675/546	849/672/592
Cooling <sup>1</sup>	Capacity (H/M/L)	kW	<b>5.36</b> /4.81/4	<b>5.62</b> /5/4.26	<b>5.63</b> /4.88/4.5
	Water flow rate(H/M/L)	m <sup>3</sup> /h	0.99/0.87/0.72	1.04/0.9/0.77	0.99/0.95/0.80
	Water pressure drop(H/M/L)	kPa	14.8/11.5/8.1	15.9/12.4/9	16/14.2/10.4
	Power input(H/M/L)	W	50/33/19	60/38/23	68/38/29
Heating <sup>2</sup>	Capacity (H/M/L)	kW	<b>7.38</b> /6.06/5.09	<b>7.66</b> /6.35/5.44	<b>8.15</b> /6.29/5.76
	Water flow rate(H/M/L)	m <sup>3</sup> /h	0.61/0.55/0.47	0.65/0.58/0.50	0.67/0.58/0.54
	Water pressure drop(H/M/L)	kPa	25.3/20.5/14.5	32/25.7/19.1	32.6/24.7/21.2
	Power input(H/M/L)	W	51/33/19	61/38/23	68/37/28
Heating <sup>3</sup>	Capacity (H/M/L)	kW	7.66/6.88/5.83	8.15/7.19/6.17	8.34/7.17/6.57
	Water flow rate(H/M/L)	m <sup>3</sup> /h	0.69/0.62/0.54	0.73/0.66/0.56	0.78/0.66/0.61
	Water pressure drop(H/M/L)	kPa	37.2/26.1/19.3	39.5/32.5/23.8	41.6/31.5/26.8
	Power input(H/M/L)	W	50/33/19	62/39/23	69/38/28
Sound pressure level	(H/M/L)	dB(A)	42/37/31	44/39/33	45/39/36
Rated current		A	0.4	0.5	0.6
Fan motor	Type		DC motor	DC motor	DC motor
	Quantity		1	1	1
Fan	Type		Centrifugal, forward-curved Blades		
	Quantity		1	1	1
Coil	Row		2	2	2
	Max. Working pressure	MPa	1.6		
	Coil length x height	mm	1990x252		
	Fin type		Hydrophilic aluminum		
	Number of circuits		Cold water 9; Hot water 3		
	Fin spacing	mm	1.5		
	Diameter	mm	Φ7		
Panel	Dimensions W×H×D	mm	950×45×950		
	Packing W×H×D	mm	1035×90×1035		
	Net weight	kg	6		
	Gross weight	kg	9		
Body	Dimensions W×H×D	mm	840×300×840		
	Packing W×H×D	mm	900×307×900		
	Net weight	kg	27.5	27.5	27.5
	Gross weight	kg	33.5	33.5	33.5
Pipe connection	Water inlet/outlet pipe	inch	Cold water: RC3/4; Hot water: RC1/2		
	Drain pipe	mm	ODΦ32		

### Note:

Based on Eurovent conditions:

H: High fan speed; M: Medium fan speed; L: Low fan speed.

- 1: Cooling mode (2 and 4-pipe coil): entering air temperature 27°C DB/1 9°C WB, entering/leaving water temperature 7°C /12°C, high fan speed.
- 2: Heating mode (1) : (4-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 65/55°C, high fan speed.
- 3: Heating mode (2) (4-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 70/60°C, high fan speed.

### Specifications

Model	MKA-V950F	MKA-V1200F	MKA-V1500F
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Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m <sup>3</sup> /h	1525/1212/1088	1785/1545/1397	1857/1410/1191
		CFM	897/712/640	1050/908/821	1092/829/700
Cooling <sup>1</sup>	Capacity (H/M/L)	kW	<b>5.82/5.07/4.75</b>	<b>8.75/7.97/7.4</b>	<b>8.76/7.29/6.45</b>
	Water flow rate(H/M/L)	m <sup>3</sup> /h	1.04/0.9/0.83	1.57/1.43/1.31	1.58/1.30/1.15
	Water pressure drop(H/M/L)	kPa	16.4/12.6/10.9	33.9/30/24	33/22.6/17.7
	Power input(H/M/L)	W	77/42/32	107/71/54	125/58/38
Heating <sup>2</sup>	Capacity (H/M/L)	kW	<b>8.52/6.36/5.93</b>	<b>11.7/9.88/9.27</b>	<b>12.29/9.17/8.24</b>
	Water flow rate(H/M/L)	m <sup>3</sup> /h	0.68/0.59/0.55	0.96/0.89/0.84	0.99/0.83/0.76
	Water pressure drop(H/M/L)	kPa	34/26.6/23.5	42.4/36.6/32.6	48.7/32.5/27
	Power input(H/M/L)	W	76/42/32	107/72/55	126/58/38
Heating <sup>3</sup>	Capacity (H/M/L)	kW	8.37/7.24/6.76	12.19/11.21/10.52	12.47/10.53/9.53
	Water flow rate(H/M/L)	m <sup>3</sup> /h	0.78/0.67/0.63	1.10/1.00/0.95	1.14/0.96/0.87
	Water pressure drop(H/M/L)	kPa	43.8/33.5/29.3	52.1/44.9/40.6	62.1/45.7/38.3
	Power input(H/M/L)	W	76/41/32	107/72/55	126/58/38
Sound pressure level	(H/M/L)	dB(A)	46/41/38	48/44/42	49/43/38
Rated current		A	0.6	0.9	1
Fan motor	Type		DC motor	DC motor	DC motor
	Quantity		1	1	1
Fan	Type		Centrifugal, forward-curved Blades		
	Quantity		1	1	1
Coil	Row		2	3	3
	Max. Working pressure	MPa	1.6		
	Coil length x height	mm	1990x252	2050x252	2080x252
	Fin type		Hydrophilic aluminum		
	Number of circuits		Cold water 9; Hot water 3	Cold water 14; Hot water 4	
	Fin spacing	mm	1.5		
	Diameter	mm	Φ7		
	Panel	Dimensions W×H×D	mm	950×45×950	
Packing W×H×D		mm	1035×90×1035		
Net weight		kg	6		
Gross weight		kg	9		
Body	Dimensions	mm	840×300×840		
	Packing	mm	900×330×900		
	Net weight	kg	27.5	30	30
	Gross weight	kg	32.4	35	35
Pipe connection	Water inlet/outlet pipe	inch	Cold water: RC3/4; Hot water: RC1/2		
	Drain pipe	mm	ODΦ32		

**Note:**

Based on Eurovent conditions:

H: High fan speed; M: Medium fan speed; L: Low fan speed.

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- 2: Heating mode (1) : (4-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 65/55°C, high fan speed.
- 3: Heating mode (2) (4-pipe coil): entering air temperature 20°C DB, entering/leaving water temperature 70/60°C, high fan speed.

## 6. Capacity Table

### Cooling Capacity Table