

Model			MKH3-150-R3	MKH3-150-R4	MKH3-250-R3	MKH3-250-R4	MKH3-350-R3	MKH3-350-R4
Power supply		V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)		m³/h	255/165/142	255/192/139	400/273/180	425/284/184	595/447/319	595/450/319
		CFM	150/97/84	150/113/82	235/161/106	250/167/109	350/263/188	350/265/188
External static pressure		Pa	12					
Cooling	Total Capacity (H/M/L)	kW	1.65/1.22/1.09	2.25/1.85/1.40	2.65/2.02/1.40	3.05/2.26/1.58	3.85/3.19/2.46	4.20/3.38/2.48
	Water flow rate (H/M/L)	m³/h	0.28/0.21/0.19	0.39/0.32/0.24	0.45/0.35/0.24	0.52/0.39/0.27	0.66/0.55/0.42	0.72/0.58/0.43
	Water pressure drop (H/M/L)	kPa	15.75/9.33/7.37	33.19/22.37/14.64	18.03/11.18/5.48	26.71/15.66/8.42	38.23/27.11/16.96	41.15/27.07/15.71
Heating	Capacity (H/M/L)	kW	1.85/1.29/1.13	2.35/1.87/1.42	3.05/2.24/1.52	3.15/2.28/1.60	4.10/3.30/2.48	4.30/3.43/2.52
	Water flow rate (H/M/L)	m³/h	0.32/0.22/0.19	0.40/0.32/0.24	0.52/0.38/0.26	0.54/0.39/0.28	0.71/0.57/0.43	0.74/0.59/0.43
	Water pressure drop (H/M/L)	kPa	15.13/8.22/6.64	33.19/22.37/14.64	17.56/10.28/5.43	23.31/12.57/6.11	35.52/24.83/14.91	37.20/24.50/13.75
Power input (H/M/L)		W	35/17/14	40/24/15	47/26/14	47/26/14	51/32/19	51/32/19
Sound pressure level (H/M/L)		dB(A)	35/24/21	42/35/27	34/24/18	34/25/19	39/32/23	40/35/31
Sound power level (H/M/L)		dB(A)	47/35/34	53/47/39	46/37/31	47/38/32	52/44/36	52/45/37
Fan motor	Type	AC fan motor						
	Quantity		1	1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades						
	Quantity		1	1	2	2	2	2
Coil	Row		3	4	3	4	3	4
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Ø7.94	Ø7.94	Ø7.94	Ø7.94	Ø7.94	Ø7.94
Body	Net dimensions (WxHxD)	mm	607x455x200	607x455x200	837x455x200	837x455x200	1057x455x200	1057x455x200
	Packing size (WxHxD)	mm	755x555x255	755x555x255	985x555x255	985x555x255	1205x555x255	1205x555x255
	Net weight	kg	11.6	12.0	13.9	14.8	17.3	18.2
	Gross weight	kg	15.9	16.3	19.4	20.3	24.0	24.9
Water inlet/outlet pipe		inch	G3/4	G3/4	G3/4	G3/4	G3/4	G3/4
		mm	ODØ18.5	ODØ18.5	ODØ18.5	ODØ18.5	ODØ18.5	ODØ18.5

Model			MKH3-500-R3	MKH3-500-R4	MKH3-700-R3	MKH3-700-R4	MKH3-800-R3	MKH3-800-R4
Power supply		V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)		m³/h	790/560/392	800/574/404	1190/855/555	1150/885/591	1300/1088/782	1300/1132/836
		CFM	465/330/231	471/338/238	700/503/327	677/521/348	766/641/461	766/667/492
External static pressure		Pa	12					
Cooling	Total Capacity (H/M/L)	kW	4.65/3.80/2.92	5.35/4.25/3.31	6.00/5.03/3.71	6.75/5.80/4.24	7.35/6.51/5.15	8.25/7.52/5.87
	Water flow rate (H/M/L)	m³/h	0.80/0.65/0.50	0.92/0.73/0.57	1.03/0.86/0.64	1.16/1.00/0.73	1.26/1.12/0.88	1.41/1.29/1.01
	Water pressure drop (H/M/L)	kPa	56.85/40.02/25.31	61.48/41.44/26.62	53.79/36.96/21.16	40.26/29.20/16.15	45.43/37.06/23.29	64.72/55.03/34.88
Heating	Capacity (H/M/L)	kW	5.20/3.95/3.00	5.70/4.36/3.31	6.15/5.10/3.80	7.15/5.81/4.30	8.20/7.09/5.46	8.50/7.60/5.90
	Water flow rate (H/M/L)	m³/h	0.89/0.68/0.52	0.98/0.75/0.57	1.05/0.88/0.65	1.23/1.00/0.74	1.41/1.22/0.94	1.46/1.30/1.02
	Water pressure drop (H/M/L)	kPa	56.68/37.31/23.25	60.89/37.73/21.79	57.85/38.53/21.1	42.16/28.68/14.66	44.60/34.09/19.98	61.96/47.46/28.84
Power input (H/M/L)		W	91/54/34	91/54/35	123/98/68	110/89/64	123/109/83	118/104/82
Sound pressure level (H/M/L)		dB(A)	48/39/31	47/40/31	50/43/33	50/44/33	51/46/36	50/45/37
Sound power level (H/M/L)		dB(A)	59/51/43	59/51/43	64/56/45	62/56/46	63/58/50	63/58/50
Fan motor	Type	AC fan motor						
	Quantity		1	1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades						
	Quantity		2	2	3	3	3	3
Coil	Row		3	4	3	4	3	4
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Ø7.94	Ø7.94	Ø7.94	Ø7.94	Ø7.94	Ø7.94
Body	Net dimensions (WxHxD)	mm	1057x455x200	1057x455x200	1177x455x200	1177x455x200	1177x500x200	1177x500x200
	Packing size (WxHxD)	mm	1205x555x255	1205x555x255	1325x555x255	1325x555x255	1325x650x255	1325x650x255
	Net weight	kg	17.9	18.8	20.5	21.7	24.0	25.2
	Gross weight	kg	24.6	25.5	27.3	28.5	31.1	32.3
Water inlet/outlet pipe		inch	G3/4	G3/4	G3/4	G3/4	G3/4	G3/4
Drain pipe		mm	ODØ18.5	ODØ18.5	ODØ18.5	ODØ18.5	ODØ18.5	ODØ18.5

- Notes:
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
 2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB/15°C WB.
 3. Noise is tested in a reverberation chamber test room.
 4. H3 series test with concealed tooling.

4-Pipe 2nd Generation Ceiling&Floor

Model			MKH1-150F-R4	MKH1-250F-R4	MKH1-350F-R4	MKH1-500F-R4	MKH1-700F-R4	MKH1-800F-R4
Power supply		V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)		m³/h	245/180/130	380/250/160	580/430/310	780/560/390	1050/800/520	1050/910/670
		CFM	144/106/76	224/147/94	341/253/182	459/329/229	618/471/306	618/535/394
External static pressure		Pa	0					
Cooling	Total Capacity (H/M/L)	kW	1.87/1.54/1.10	2.58/1.83/1.12	3.99/3.27/2.29	4.92/3.95/3.12	5.84/5.10/3.65	6.18/5.65/4.44
	Water flow rate (H/M/L)	m³/h	0.321/0.26/0.19	0.44/0.31/0.19	0.68/0.56/0.39	0.84/0.68/0.54	1.00/0.87/0.63	1.06/0.97/0.76
	Water pressure drop (H/M/L)	kPa	26.4/19.63/12.54	19.1/11.95/4.99	46.5/33.04/18.22	69.3/47.81/31.95	57.6/48.47/27.23	40.8/43.72/28.23
Heating	Capacity (H/M/L)	kW	1.62/1.35/1.10	2.19/1.52/1.06	2.88/2.44/1.95	3.55/2.97/2.44	4.25/3.74/2.91	5.90/5.8/5.05
	Water flow rate (H/M/L)	m³/h	0.14/0.12/0.10	0.19/0.13/0.09	0.25/0.21/0.17	0.31/0.26/0.21	0.37/0.32/0.25	0.51/0.50/0.44
	Water pressure drop (H/M/L)	kPa	15.0/11.01/7.7	28.6/16.83/8.5	56.7/43.35/28.5	80.0/61.29/41.8	123.45/111.75/64.74	54.8/53.1/43.3
Power input (H/M/L)		W	40/24/15	47/26/15	51/32/19	92/54/35	117/93/66	118/104/82
Sound pressure level (H/M/L)		dB(A)	39/34/26	35/26/20	39/32/24	48/39/30	52/43/34	52/48/39
Sound power level (H/M/L)		dB(A)	52/47/39	48/39/33	52/45/37	61/52/43	65/57/47	65/61/52
Fan motor	Type	AC fan motor						
	Quantity		1	1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades						
	Quantity		1	2	2	2	3	3
Coil	Row		4	4	4	4	4	4
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Ø7.94	Ø7.94	Ø7.94	Ø7.94	Ø7.94	Ø7.94
Body	Net dimensions (WxHxD)	mm	790x495x211	1020x495x211	12400x495x211	1240x495x211	1360x495x211	1360x591x211
	Packing size (WxHxD)	mm	895x595x300	1125x595x300	1345x595x300	1345x595x300	1465x595x300	1465x695x300
	Net weight	kg	17.2	21.3	25.9	26.8	29.0	34.5
	Gross weight	kg	23.2	27.3	32.9	33.9	36.5	42.5
Water inlet/outlet pipe		inch	Cold water: G3/4; Hot water: G1/2					
Drain pipe		mm	ODØ18.5	ODØ18.5	ODØ18.5	ODØ18.5	ODØ18.5	ODØ18.5

Model			MKH2-150F-R4	MKH2-250F-R4	MKH2-350F-R4	MKH2-500F-R4	MKH2-700F-R4	MKH2-800F-R4
Power supply		V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)		m³/h	255/192/139	425/284/184	595/450/319	800/574/404	1150/885/591	1300/1132/836
		CFM	150/113/82	250/167/109	350/265/188	471/338/238	677/521/348	766/667/492
External static pressure		Pa	0					
Cooling	Sensible Capacity(H/M/L)	kW	1.50/1.20/0.78	2.05/1.39/0.84	2.94/2.38/1.60	3.80/2.95/2.25	4.90/4.25/2.95	5.85/5.28/4.05
	Total Capacity (H/M/L)	kW	1.95/1.60/1.15	2.89/2.05/1.25	4.09/3.35/2.35	5.05/4.05/3.20	6.40/5.59/4.00	7.65/7.00/5.50
	Water flow rate (H/M/L)	m³/h	0.33/0.28/0.20	0.50/0.35/0.21	0.70/0.57/0.40	0.87/0.69/0.55	1.10/0.96/0.69	1.31/1.20/0.94
	Water pressure drop (H/M/L)	kPa	27.47/19.63/12.54	21.38/11.95/4.99	47.7/33.04/18.22	71.09/47.81/31.95	63.05/48.47/27.23	50.47/43.72/28.23
Heating	Capacity (H/M/L)	kW	1.69/1.40/1.15	2.45/1.70/1.19	2.95/2.50/2.00	3.64/3.05/2.50	4.65/4.09/3.19	7.30/7.19/6.25
	Water flow rate (H/M/L)	m³/h	0.14/0.12/0.10	0.21/0.15/0.10	0.25/0.21/0.17	0.31/0.26/0.21	0.40/0.35/0.27	0.63/0.62/0.54
	Water pressure drop (H/M/L)	kPa	15.60/11.01/8.04	31.95/16.83/9.52	58.17/43.35/29.20	82.01/61.29/42.87	135.21/111.75/70.91	67.86/65.78/53.61
Power input (H/M/L)		W	40/24/15	47/26/14	51/32/19	91/54/35	110/89/64	118/104/82
Rated current		A	0.17/0.10/0.07	0.20/0.11/0.06	0.22/0.14/0.08	0.40/0.24/0.15	0.48/0.39/0.28	0.51/0.45/0.36
Sound pressure level (H/M/L)		dB(A)	42/35/27	34/25/19	40/33/24	47/40/31	50/44/33	50/45/37
Sound power level (H/M/L)		dB(A)	53/47/39	47/38/32	52/45/37	59/51/43	62/56/46	63/58/50
Fan motor	Type	AC fan motor						
	Quantity		1	1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades						
	Quantity		1	2	2	2	3	3
Coil	Row		4	4	4	4	4	4
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Ø7.94	Ø7.94	Ø7.94	Ø7.94	Ø7.94	Ø7.94
Body	Net dimensions (W×H×D)	mm	790×495×200	1020×495×200	1240×495×200	1240×495×200	1360×495×200	1360×591×200
	Packing size (W×H×D)	mm	895×595×300	1125×595×300	1345×595×300	1345×595×300	1465×595×300	1465×695×300
	Net weight	kg	17.2	21.3	25.9	26.8	29.0	34.5
	Gross weight	kg	23.2	27.3	32.9	33.9	36.5	42.5
Water inlet/outlet pipe		inch	G3/4	G3/4	G3/4	G3/4	G3/4	G3/4
Drain pipe		mm	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5