

## Technical Parameters – MKH-2/3

Model			MKH2-150-R3 MKH3-150-R3	MKH2-150-R4 MKH3-150-R4	MKH2-250-R3 MKH3-250-R3	MKH2-250-R4 MKH3-250-R4
Power supply		V/Ph/Hz	220-240/1/50			
Air flow (H/M/L)		m <sup>3</sup> /h	255/165/142	255/192/139	400/273/180	425/284/184
		CFM	150/97/84	150/113/82	235/161/106	250/167/109
External static pressure		Pa	H2:0/H3:12			
Cooling	Total Capacity (H/M/L)	kW	1.65/1.22/1.09	2.25/1.85/1.46	2.65/2.02/1.40	3.05/2.26/1.63
	Water flow rate (H/M/L)	L/h	283/209/186	386/317/249	454/346/240	523/387/280
	Water pressure drop (H/M/L)	kPa	22.11/13.10/10.35	49.29/33.22/21.74	18.19/11.29/5.53	33.66/19.73/10.61
Heating	Capacity (H/M/L)	kW	1.85/1.29/1.13	2.35/1.87/1.40	3.05/2.24/1.52	3.15/2.09/1.38
	Water flow rate (H/M/L)	L/h	317/222/194	403/320/240	523/384/260	540/357/237
Water pressure drop (H/M/L)		kPa	16.18/8.79/7.11	36.51/24.61/16.1	17.00/9.95/5.26	25.84/13.93/6.77
Power input (H/M/L)		W	35/17/14	40/24/15	47/26/14	47/26/14
Rated current		A	0.15/0.07/0.06	0.17/0.10/0.07	0.20/0.11/0.06	0.20/0.11/0.06
Sound power level (H/M/L)		dB(A)	47/35/34	53/47/39	46/37/31	47/38/32
Fan motor	Type	AC fan motor				
	Quantity		1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity		1	1	2	2
Coil	Row		3	4	3	4
	Max. working pressure	MPa	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94
H2 Body	Net dimensions (W×H×D)	mm	495×200×790	495×200×790	495×200×1020	495×200×1020
	Packing size (W×H×D)	mm	595×300×895	595×300×895	595×300×1125	595×300×1125
	Net weight	kg	16.3	16.7	20.0	20.8
	Gross weight	kg	21.8	22.2	26.0	26.8
H3 Body	Net dimensions (W×H×D)	mm	455×200×607	455×200×607	455×200×837	455×200×837
	Packing size (W×H×D)	mm	555×255×755	555×255×755	555×255×985	555×255×985
	Net weight	kg	11.6	12.0	13.9	14.8
	Gross weight	kg	15.9	16.3	19.4	20.3
Water inlet/outlet pipe		inch	G3/4	G3/4	G3/4	G3/4
Drain pipe		mm	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5

Model		MKH2-350-R3 MKH3-350-R3	MKH2-350-R4 MKH3-350-R4	MKH2-500-R3 MKH3-500-R3	MKH2-500-R4 MKH3-500-R4	
Power supply		V/Ph/Hz	220-240/1/50			
Air flow (H/M/L)		m <sup>3</sup> /h	595/447/319	595/450/319	790/580/392	800/574/404
		CFM	350/263/188	350/265/188	465/330/231	471/338/238
External static pressure		Pa	H2:0/H3:12			
Cooling	Total Capacity (H/M/L)	kW	3.85/3.19/2.46	4.20/3.38/2.48	4.65/3.80/2.92	5.35/4.25/3.31
	Water flow rate (H/M/L)	L/h	660/546/422	720/580/425	797/652/500	917/729/567
	Water pressure drop (H/M/L)	kPa	44.15/31.32/19.59	44.3/29.14/16.91	61.58/43.35/27.41	68.61/46.24/29.71
Heating	Capacity (H/M/L)	kW	3.70/2.97/2.25	4.10/3.25/2.39	4.35/3.44/2.62	5.70/4.36/3.22
	Water flow rate (H/M/L)	L/h	634/510/386	703/557/409	746/590/449	977/747/552
Water pressure drop (H/M/L)		kPa	37.30/26.07/15.66	39.56/26.06/14.63	54.6/35.94/22.4	59.39/36.80/21.25
Power input (H/M/L)		W	51/32/19	51/32/19	91/54/34	91/54/35
Rated current		A	0.22/0.14/0.08	0.22/0.14/0.08	0.40/0.24/0.15	0.40/0.24/0.15
Sound power level	(H/M/L)	dB(A)	52/44/36	52/45/37	59/51/43	59/51/43
Fan motor	Type	AC fan motor				
	Quantity	1	1	1	1	
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	2	2	2	2	
Coil	Row	3	4	3	4	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94
H2 Body	Net dimensions (W×H×D)	mm	495×200×1240	495×200×1240	495×200×1240	495×200×1240
	Packing size (W×H×D)	mm	595×300×1345	595×300×1345	595×300×1345	595×300×1345
	Net weight	kg	24.0	25.4	24.0	25.4
	Gross weight	kg	31.0	32.4	31.0	32.4
H3 Body	Net dimensions (W×H×D)	mm	455×200×1057	455×200×1057	455×200×1057	455×200×1057
	Packing size (W×H×D)	mm	555×255×1205	555×255×1205	555×255×1205	555×255×1205
	Net weight	kg	17.3	18.2	17.9	18.8
	Gross weight	kg	24.0	24.9	24.6	25.5
Water inlet/outlet pipe		inch	G3/4	G3/4	G3/4	G3/4
Drain pipe		mm	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5

Model		MKH2-700-R3 MKH3-700-R3	MKH2-700-R4 MKH3-700-R4	MKH2-800-R3 MKH3-800-R3	MKH2-800-R4 MKH3-800-R4	
Power supply		V/Ph/Hz	220-240/1/50			
Air flow (H/M/L)		m <sup>3</sup> /h	1190/855/555	1150/885/591	1300/1088/782	1300/1132/836
		CFM	700/503/327	677/521/348	766/641/461	766/667/492
External static pressure		Pa	H2:0/H3:12			
Cooling	Total Capacity (H/M/L)	kW	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)	L/h	1029/862/636	1157/995/727	1260/1116/884	1414/1289/1007
	Water pressure drop (H/M/L)	kPa	62.13/42.69/24.44	46.5/33.73/18.66	48.82/39.82/25.03	74.76/63.56/40.28
Heating	Capacity (H/M/L)	kW	6.15/4.92/3.49	7.15/5.81/4.04	8.20/7.09/5.46	8.50/7.60/5.72
	Water flow rate (H/M/L)	L/h	1054/844/598	1226/996/692	1406/1216/937	1457/1302/981
Water pressure drop (H/M/L)		kPa	60.74/40.46/22.16	44.27/30.11/15.39	46.11/35.24/20.65	65.06/49.83/30.28
Power input (H/M/L)		W	123/98/68	110/89/64	123/109/83	118/104/82
Rated current		A	0.53/0.42/0.30	0.48/0.39/0.28	0.53/0.47/0.36	0.51/0.45/0.36
Sound power level	(H/M/L)	dB(A)	63/56/45	62/56/46	62/58/50	62/58/50
Fan motor	Type	AC fan motor				
	Quantity	1	1	1	1	
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	3	3	3	3	
Coil	Row	3	4	3	4	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94
H2 Body	Net dimensions (W×H×D)	mm	495×200×1360	495×200×1360	591×200×1360	591×200×1360
	Packing size (W×H×D)	mm	595×300×1465	595×300×1465	695×300×1465	695×300×1465
	Net weight	kg	27.3	28.5	31.7	34.0
	Gross weight	kg	34.8	36.0	40.2	42.0
H3 Body	Net dimensions (W×H×D)	mm	455×200×1177	455×200×1177	550×200×1177	550×200×1177
	Packing size (W×H×D)	mm	555×255×1325	555×255×1325	650×255×1325	650×255×1325
	Net weight	kg	20.5	21.7	24.0	25.2
	Gross weight	kg	27.3	28.5	31.1	32.3
Water inlet/outlet pipe		inch	G3/4	G3/4	G3/4	G3/4
Drain pipe		mm	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5