

2nd Generation Ceiling&Floor series

Concealed Type
H3 Series



Exposed Type
(air return from bottom)
H2 Series



Exposed Type
(air return from side)
H1 Series



Note : The footing need to purchase separately

High Efficiency and Low Sound Operation

- Due to the AC brushless fan motor, the unit operates in high efficiency and low sound level.

Flexible Installation

- Cabinet and concealed versions meet various installation requirements.
- Horizontal or vertical installation.



Feature

- Ultra-thin, the thickness is only 200mm.

2- Pipe 2nd Generation Ceiling&Floor

Model			MKH2-150-R3	MKH2-150-R4	MKH2-250-R3	MKH2-250-R4	MKH2-350-R3	MKH2-350-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	0					
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)	L/h	283/209/186	386/317/241	454/346/240	523/387/272	660/546/422	720/580/425
	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)	L/h	317/222/194	403/320/244	523/384/260	540/392/275	705/568/427	740/590/433
	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 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	790x495x200	790x495x200	1020x495x200	1020x495x200	1240x495x200	1240x495x200
	Packing size (WxHxD)	mm	895x595x300	895x595x300	1125x595x300	1125x595x300	1345x595x300	1345x595x300
	Net weight	kg	16.3	16.7	20.0	20.8	24.0	25.4
	Gross weight	kg	21.8	22.7	26.8	26.8	31.0	32.4
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

Model			MKH2-500-R3	MKH2-500-R4	MKH2-700-R3	MKH2-700-R4	MKH2-800-R3	MKH2-800-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	0					
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)	L/h	797/652/500	917/729/567	1029/862/636	1157/995/727	1260/1116/884	1414/1289/1007
	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)	L/h	894/679/516	977/747/569	1054/877/654	1226/996/740	1406/1216/937	1457/1302/1015
	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 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	1240x495x200	1240x495x200	1360x495x200	1360x495x200	1360x591x200	1360x591x200
	Packing size (WxHxD)	mm	1345x595x300	1345x595x300	1465x595x300	1465x595x300	1465x695x300	1465x695x300
	Net weight	kg	25.5	26.3	27.3	28.5	31.7	34.0
	Gross weight	kg	32.0	33.4	34.8	36.0	40.2	42.0
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:

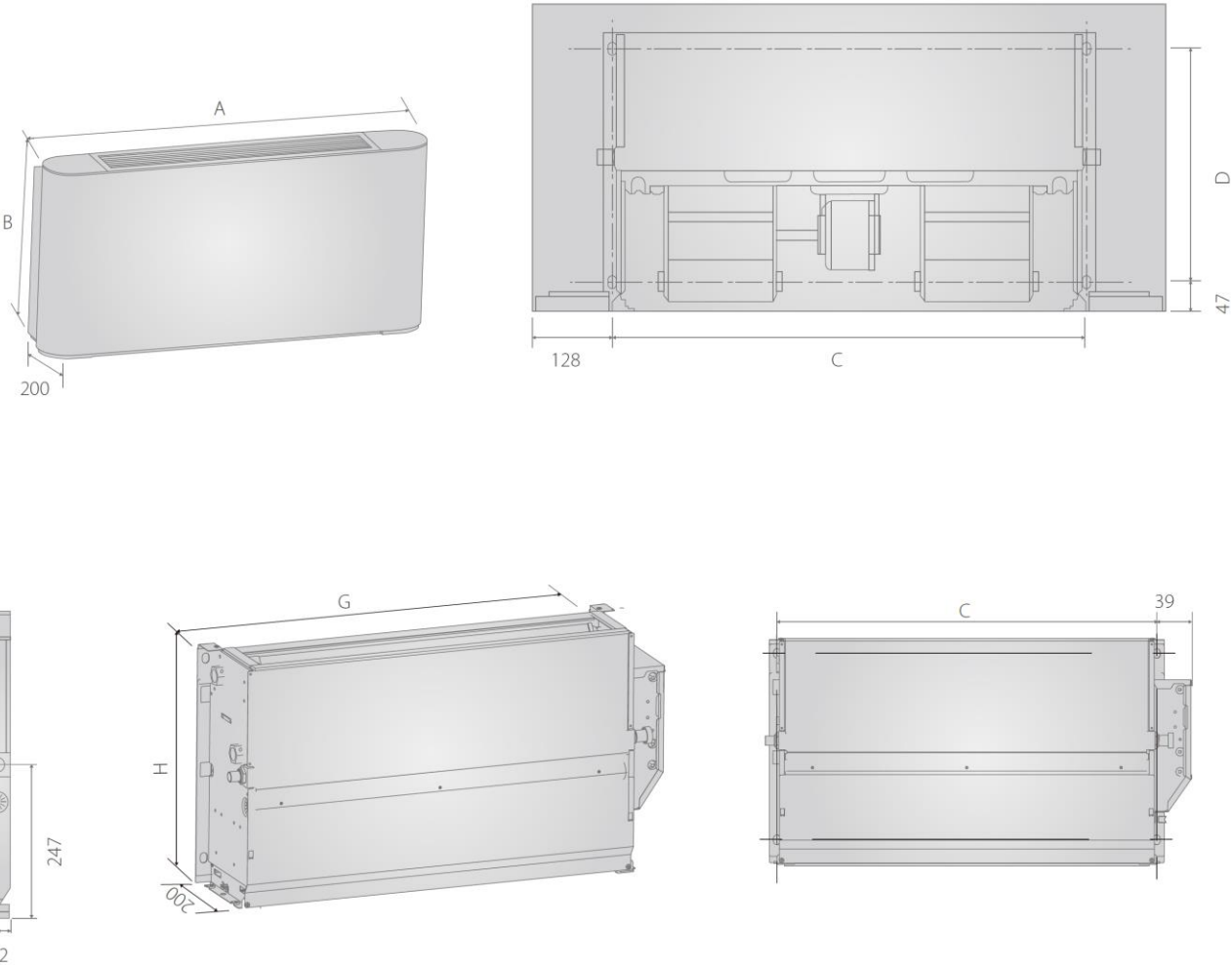
1. H: High fan speed; M: Medium fan speed; L: Low fan speed.

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.

Dimensions (unit: mm)



Model	150	250	300	500	700	800
A(mm)	790	1020	1240	1240	1360	1360
B(mm)	495	495	495	495	495	591
C(mm)	534	764	984	984	1104	1104
D(mm)	375	375	375	375	375	319
E(mm)	123	123	123	123	123	219
F(mm)	93	93	93	93	93	102
G(mm)	628	858	1078	1078	1198	1198
H(mm)	455	455	455	455	455	551

Wired Controllers

Model	Appearance	Function Descriptions	Applicable FCUs
KJRP-86A1-E		● LCD display screen ● Mode control ● Fan speeds control ● Timer setting / Temp. setting	AC Ceiling& Floor and Duct without electric heater (optional)
KJR-18B/E		● Mechanical thermostat ● Mode control ● Fan speeds control ● Temp. setting	AC Ceiling& Floor and Duct without electric heater (optional)