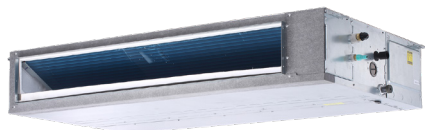


Medium Pressure Ducts



KCT-04 SR
Recommended

Technical documentation	Download
Technical Manual	
User Manual	
Controller Manual	
Declaration of Conformity	
Software	
Communication diagrams	



Indoor unit model		KPDHF-45 DN5.0	KPDHF-71 DN5.0	KPDHF-90 DN5.0	KPDHF-112 DN5.0	KPDHF-140 DN5.0	KPDHF-160 DN5.0
Cooling capacity rated	kW	4.50	7.10	9.00	11.20	14.00	16.00
Power input	W	70	96	110	138	172	210
Heating capacity rated	kW	5.00	8.00	10.00	12.50	16.00	18.00
Communication protocol		S8	S8	S8	S8	S8	S8
Type refrigerant		R-410A / R-32	R-410A / R-32	R-410A / R-32	R-410A / R-32	R-410A / R-32	R-410A / R-32
Liquid / Gas pipe diameter	inch	1/4" / 1/2"	3/8" / 5/8"	3/8" / 5/8"	3/8" / 5/8"	3/8" / 5/8"	3/8" / 5/8"
Air flow	m ³ /h	495 / 538 / 623	822 / 904 / 1068	1030 / 1128 / 1323	1417 / 1550 / 1817	1568 / 1703 / 1971	1776 / 1871 / 2160
Max. pressure available	Pa	160	160	160	160	160	160
Sound pressure	dB(A)	27 / 28 / 32	29 / 31 / 34	31 / 33 / 36	31 / 33 / 37	32 / 34 / 38	34 / 36 / 40
Width / Height / Depth	mm	710 / 245 / 770	910 / 245 / 770	1160 / 245 / 770	1510 / 245 / 770	1510 / 245 / 770	1510 / 245 / 770
Net weight	kg	19.5	25	31	37	39	39
Power supply	V/ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Power wiring	mm ²	(2+T)x2.5	(2+T)x2.5	(2+T)x2.5	(2+T)x2.5	(2+T)x2.5	(2+T)x2.5
Shielded communication wiring	mm ²	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75

Cooling and heating capacity. Power input: Rated conditions: Cooling 27°C BS/19°C BH indoor, 35°C BS outdoor. Heating 20°C BS indoor, 7°C BS/6°C BH outdoor. Piping length 7.5 m, Height 0 m.

Sound pressure: Measurement of the sound pressure is taken using a semi-anechoic chamber at a distance of 1 m from the machine at a height of 1.3 m.

Power wiring: The power wiring is up to 10 m approximately. It must be calculated more precisely for each installation.

Shielded communication wiring: If these units are installed with systems that are not s6 series external units, then shielded communication wires will be necessary.

Compatible controllers: These units can integrate one of the controllers from the table or the one recommended by Kaysun. For further information regarding compatibility, see the chapter on Controllers.