

Ducts 4 pipes D3



KCT-04 SR
Recommended

Technical documentation	Download
Technical Manual	PDF
User Manual	PDF
Controller Manual	PDF
Declaration of Conformity	PDF
Dimensions	DWG



4 pipes

Model		KFC-PD-4T-200D3	KFC-PD-4T-300D3	KFC-PD-4T-500D3
Cooling capacity min. / max.	kW	1.30 / 2.70	2.92 / 3.50	3.68 / 4.90
Sensitive cooling capacity min. / max.	kW	0.91 / 2.06	2.16 / 2.66	2.27 / 3.83
Heating capacity min. / max.	kW	1.50 / 2.70	3.78 / 4.30	4.98 / 6.10
Power input min. / max.	W	7 / 25	17 / 28	26 / 59
Available pressure range	Pa	50	50	50
Air flow	m³/h	179 / 313 / 450	502 / 558 / 620	637 / 785 / 940
Max. pressure available	Pa	50	50	50
Sound pressure	dB(A)	32 / 44.1 / 53.2	46 / 49 / 51.5	51 / 54.7 / 59.4
Width / Height / Depth	mm	632 / 243 / 482	773 / 243 / 482	908 / 243 / 482
Net weight	kg	13.5	16.0	19.0
Power supply	V/ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50
Max. intensity	A	0.3	0.4	0.5
Water flow cooling min. / max.	m³/h	0.23 / 0.49	0.51 / 0.62	0.63 / 0.84
Water flow heating min. / max.	m³/h	0.13 / 0.24	0.33 / 0.37	0.43 / 0.53
Evaporator pressure drop; Cooling min. / max.	kPa	14.8 / 34.0	23.8 / 30.3	17.1 / 38.2
Evaporator pressure drop; Heating min. / max.	kPa	20.7 / 43.7	21.7 / 24.7	26.1 / 37.8
Water pipes connection cooling/heating	inch	3/4" / 3/4"	3/4" / 3/4"	3/4" / 3/4"

Model		KFC-PD-4T-700D3	KFC-PD-4T-1000D3	KFC-PD-4T-1200D3
Cooling capacity min. / max.	kW	5.24 / 6.70	6.72 / 8.20	7.42 / 9.70
Sensitive cooling capacity min. / max.	kW	4.05 / 5.40	5.04 / 6.43	5.64 / 7.68
Heating capacity min. / max.	kW	5.58 / 6.70	9.07 / 10.6	8.66 / 10.7
Power input min. / max.	W	34 / 80	48 / 101	39 / 94
Available pressure range	Pa	50	50	50
Air flow	m³/h	890 / 1068 / 1250	1161 / 1359 / 1560	1234 / 1521 / 1800
Max. pressure available	Pa	50	50	50
Sound pressure	dB(A)	53 / 56.9 / 60.5	57 / 59.8 / 62.6	53 / 57.4 / 61.3
Width / Height / Depth	mm	1178 / 243 / 482	1368 / 243 / 482	1658 / 243 / 482
Net weight	kg	22.5	27.5	35.5
Power supply	V/ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50
Max. intensity	A	0.6	0.8	0.8
Water flow cooling min. / max.	m³/h	0.66 / 0.87	1.19 / 1.43	1.28 / 1.68
Water flow heating min. / max.	m³/h	0.47 / 0.56	0.80 / 0.94	0.75 / 0.93
Evaporator pressure drop; Cooling min. / max.	kPa	17.2 / 27.1	27.6 / 25.2	22.0 / 31.1
Evaporator pressure drop; Heating min. / max.	kPa	34.7 / 47.9	44.6 / 56.4	23.5 / 30.9
Water pipes connection cooling/heating	inch	3/4" / 3/4"	3/4" / 3/4"	3/4" / 3/4"

The product meets the ErP (Energy Related Products) European Directive, which includes the (EU) Commission Delegated Regulation No. 2016/2281, also known as Ecodesign LOT21. Ductless air flow (0 Pa available pressure).

Cooling capacity. Sensible cooling capacity. Water flow cooling. Evaporator pressure drop cooling: Water entering heat exchanger 7°C (thermal gap 5°C) - Ambient air 27°C DB/19°C WB.

2 PIPES: Heating capacity. Evaporator pressure drop heating: Water entering heat exchanger 45°C (thermal gap 5°C) - Ambient air 20°C.

Sound pressure: Sound levels measured using an anechoic chamber and with reference to a unit for the installation of 2 pipes. The sound pressure level refers to the measurement taken at a distance of 1 m from the external surface of the unit, operating in the open air.