

# Ducts 2 pipes D3



KCT-04 SR  
**Recommended thermostat for 2 pipes**

Technical documentation	Download
User Manual	
Controller Manual	
Declaration of Conformity	
ErP	
Dimensions	
Installation diagrams	

- 
- 
- 
- 
- 
- 
- 
- 

Model		KFC-PD-2T-300D3	KFC-PD-2T-500D3	KFC-PD-2T-600D3	KFC-PD-2T-700D3	KFC-PD-2T-1000D3	KFC-PD-2T-1400D3
Cooling capacity min. / max.	kW	2.21 / 3.35	2.97 / 4.55	3.66 / 5.85	5.09 / 6.50	4.97 / 9.05	9.77 / 11.11
Sensitive cooling capacity min. / max.	kW	1.49 / 2.68	2.38 / 3.64	2.93 / 4.68	4.07 / 5.20	3.98 / 7.24	7.82 / 8.06
Heating capacity min. / max.	kW	2.51 / 3.95	2.90 / 4.98	4.21 / 6.9	5.81 / 7.6	5.41 / 11	10.59 / 12.67
Power input min. / max.	W	10 / 25	14 / 40	19 / 65	33 / 75	19 / 119	64 / 119
Available pressure range	Pa	50	50	50	50	50	50
Air flow	m <sup>3</sup> /h	307 / 421 / 482	456,01/622/800	552 / 810 / 1022	806 / 1015 / 1190	746 / 1201 / 1650	1675 / 1952 / 2250
Max. pressure available	Pa	50	50	50	50	50	50
Sound pressure	dB(A)	22.5 / 31 / 37	31 / 39 / 45	34 / 43.5 / 49.5	40 / 45 / 51	34 / 46 / 54.5	46.5 / 50 / 53
Width / Height / Depth	mm	972 / 240 / 482	1107 / 240 / 482	1202 / 240 / 482	1377 / 240 / 482	1567 / 240 / 482	2097 / 240 / 482
Net weight	kg	17.2	20.40	21.7	23.5	27.7	37
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
Max. intensity	A	0.29	0.44	0.61	0.78	1.20	1.08
Water flow cooling min. / max.	m <sup>3</sup> /h	0.37 / 0.59	0.54 / 0.8	0.65 / 1	0.91 / 1.19	0.88 / 1.58	1.71 / 2.02
Evaporator pressure drop; Cooling min. / max.	kPa	10.6 / 23	12.1 / 23	16.89 / 34	15.6 / 22	11.7 / 32	25.9 / 33
Evaporator pressure drop; Heating min. / max.	kPa	11.2 / 25	12 / 25	18.60 / 38	16.2 / 25	10.9 / 33	25.3 / 34
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.