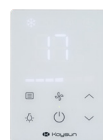


Floor/Ceiling 2nd Generation



KC-FC-S2
Recommended
thermostat



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

2 pipes cased

Model		KFC-S2E-2T-250D	KFC-S2E-2T-350D	KFC-S2E-2T-500D	KFC-S2E-2T-800D
Cooling capacity min. / max.	kW	1.19 / 2.35	2.20 / 3.5	2.71 / 4.3	4.57 / 7.35
Sensitive cooling capacity min. / max.	kW	0.86 / 1.79	1.57 / 2.65	1.91 / 3.25	3.45 / 5.87
Heating capacity min. / max.	kW	1.34 / 2.6	2.19 / 3.5	2.6 / 4.3	4.71 / 8.05
Power input min. / max.	W	7 / 17	10 / 26	14 / 50	22 / 113
Air flow	m ³ /h	190 / 315 / 400	340 / 470 / 595	410 / 580 / 790	685 / 1015 / 1360
Sound pressure	dB(A)	29 / 37 / 43	37 / 45 / 52	43 / 52 / 59	49 / 58 / 64
Width / Height / Depth	mm	1020 / 495 / 200	1240 / 495 / 200	1240 / 495 / 200	1360 / 495 / 200
Net weight	kg	21.5	25.5	25.5	32.5
Power supply	V/ph/Hz	220/1/50	220/1/50	220/1/50	220/1/50
Max. intensity	A	0.20	0.26	0.49	0.95
Water flow cooling min. / max.	m ³ /h	0.21 / 0.4	0.38 / 0.6	0.47 / 0.74	0.79 / 1.27
Evaporator pressure drop; Cooling min. / max.	kPa	4.5 / 13.3	15.4 / 34.1	22.8 / 54.2	19.3 / 44.1
Evaporator pressure drop; Heating min. / max.	kPa	4.5 / 14.3	14.8 / 35.1	22.3 / 54.3	18.2 / 46.9
Water pipes connection cooling/heating	inch	3/4"	3/4"	3/4"	3/4"

2 pipes uncased

Model		KFC-S2-2T-250D	KFC-S2-2T-350D	KFC-S2-2T-500D	KFC-S2-2T-800D
Cooling capacity min. / max.	kW	1.19 / 2.35	2.20 / 3.5	2.71 / 4.3	4.57 / 7.35
Sensitive cooling capacity min. / max.	kW	0.86 / 1.79	1.57 / 2.65	1.91 / 3.25	3.45 / 5.87
Heating capacity min. / max.	kW	1.34 / 2.6	2.19 / 3.5	2.6 / 4.3	4.71 / 8.05
Power input min. / max.	W	7 / 17	10 / 26	14 / 50	22 / 113
Air flow	m ³ /h	190 / 315 / 400	340 / 470 / 595	410 / 580 / 790	685 / 1015 / 1360
Sound pressure	dB(A)	29 / 37 / 43	37 / 45 / 52	43 / 52 / 59	49 / 58 / 64
Width / Height / Depth	mm	858 / 455 / 200	1078 / 455 / 200	1078 / 455 / 200	1198 / 551 / 200
Net weight	kg	16.5	19.5	19.5	25
Power supply	V/ph/Hz	220/1/50	220/1/50	220/1/50	220/1/50
Max. intensity	A	0.20	0.26	0.49	0.95
Water flow cooling min. / max.	m ³ /h	0.21 / 0.4	0.38 / 0.6	0.47 / 0.74	0.79 / 1.27
Evaporator pressure drop; Cooling min. / max.	kPa	4.5 / 13.3	15.4 / 34.1	22.8 / 54.2	19.3 / 44.1
Evaporator pressure drop; Heating min. / max.	kPa	4.5 / 14.3	14.8 / 35.1	22.3 / 54.3	18.2 / 46.9
Water pipes connection cooling/heating	inch	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.

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.