

Magnus Multi Ducts



KCT-04 SR
Included Control

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



Set model		KPDHM2-400F DN11	KPDHM2-450F DN11	KPDHM2-560F DN11
> Set				
Cooling capacity rated	kW	40	45	56
Heating capacity rated	kW	40	45	56
Cooling input rated	W	15750	15980	22860
Heating input rated	W	14600	15700	20300
EER		2.24 -	2.48 -	2.00 -
COP		3.64 -	3.72 -	3.71 -
SEER		6.19 -	6.05 -	5.93 -
SCOP		4.72 -	4.83 -	4.42 -
> Indoor unit				
		2 x KPDH 200 DN11	2 x KPDH 224 DN11	2 x KPDH 280 DN11
Power supply	V/ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50
Width / Height / Depth	mm	1300 / 580 / 900	1300 / 580 / 900	1300 / 580 / 900
Net weight	kg	125	125	125
Air flow low / medium / high	m³/h	2820 / 3760 / 4700	2820 / 3760 / 4700	2820 / 3760 / 4700
Sound pressure	dB(A)	/ 42 / 46 / 51	/ 42 / 46 / 51	/ 42 / 46 / 51
Sound power level	dB(A)	62/68/74	62/68/74	62/68/74
Max. pressure available	Pa	0-400	0-400	0-400
Branch model		KCMI-212	KCMI-312	KCMI-312
Air inlet width/height	mm	990/456	990/456	990/456
Air outlet width/height	mm	2x(311/268)	2x(311/268)	2x(311/268)
> Outdoor unit				
		KUE 400 DN11	KUE 450 DN11	KUE 560 DN11
Power supply	V/ph/Hz	380-415/3/50	380-415/3/50	380-415/3/50
Width / Height / Depth	mm	1130 / 1760 / 580	1250 / 1760 / 580	1250 / 1760 / 580
Net weight	kg	187	214	234
Communication protocol		S6/S8	S6/S8	S6/S8
Air flow	m³/h	12500	18500	18500
Sound pressure	dB(A)	59	60	61
Sound power level	dB(A)	82	86	89
> Refrigerant				
Type refrigerant		R-410A	R-410A	R-410A
GWP		2088	2088	2088
Refrigerant charge	kg	7.4	8	8.5
t CO ₂ eq	tCO ₂	15.45	16.70	17.75
Liquid / Gas pipe diameter	inch	1/2" / 1"	5/8" / 1-1/8"	5/8" / 1-1/8"
Piping total length	m	70	70	70
Vertical piping max. length	m	30	30	30
> Working range				
Outdoor ambient temperature for heating min. / max.	°C	-30 / 30	-30 / 30	-30 / 30
Outdoor ambient temperature for cooling min. / max.	°C	-15 / 55	-15 / 55	-15 / 55

Cooling and heating capacity. Cooling and heating input. Energy efficiency: 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. For longer pipe lengths, testing via Selecta Online HVACSSP is required. 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. Refrigerant charge: This is the amount of refrigerant that has been charged in the unit. In order to apply a supplementary charge, it is necessary to use the formula from the technical manual. NOTE: Before installing these units, current legislation regarding refrigerant gases must be consulted.