

Data sheet

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Unit

Unit type: CCD 151 A

Cooling capacity (total):	10,4 kW	Airflow:	3 500 m ³ /h
Cooling capacity (sensible):	10,4 kW	Air velocity:	2,6 m/s
Net total cooling capacity:	9,7 kW	Return air temperature:	18 °C
Net sensible cooling capacity:	9,7 kW	Return air humidity:	45 rel. %
Condensing temperature:	55 °C	Supply air temperature:	9 °C
EER:	2,21 kW/kW	Altitude above sea level:	0 m
Sound power level:	75,5 dB(A)	Height:	1 850 mm
LpA (2m freefield):	55,8 dB(A)	Width:	600 mm
Number of refrigerant circuits:	1	Depth:	600 mm
Number of compressors:	1	Weight:	151 kg
Total power consumption:	4,7 kW	Refrigerant:	R134a
		Power supply:	400V/50Hz/3Ph/N/PE

Fan (Data per unit)

Fan type:	R3G355	Power consumption:	0,7 kW
Number:	1	ESP external static pressure:	50 Pa
Max. revolutions:	2 100 rpm	Total pressure drop:	400 Pa
Nominal power:	0,8 kW	Control voltage:	9,8 V
Revolutions:	2 014 rpm		

Compressor (Data per compressor)

Electrical power consumption:	4,0 kW
Heat rejection:	14,5 kW
COP:	2,59 kW/kW
Number:	1
Evaporating temperature:	2,5 °C

Condenser

Unit type:	KSV012A11pC	Weight:	48 kg
Ambient temperature:	40 °C	Current consumption (per fan):	3,10 A
Sound pressure group:	Standard	Power consumption (per fan):	0,71 kW
Required condenser capacity:	14,5 kW	Height:	947 mm
Available condenser capacity:	14,2 kW	Width:	970 mm
Difference:	-2,1 %	Depth:	770 mm
Number of fans:	1	Airflow:	7 000 m ³ /h
Number of condensers:	1	LpA (5m freefield):	48,5 dB(A)