

Data sheet

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Unit

Unit type: CCD 51 A

Cooling capacity (total):	4,7 kW	Airflow:	1 500 m³/h
Cooling capacity (sensible):	4,7 kW	Air velocity:	1,1 m/s
Net total cooling capacity:	4,6 kW	Return air temperature:	18 °C
Net sensible cooling capacity:	4,6 kW	Return air humidity:	45 rel. %
Condensing temperature:	55 °C	Supply air temperature:	9 °C
EER:	2,35 kW/kW	Altitude above sea level:	0 m
Sound power level:	57,9 dB(A)	Height:	1 850 mm
LpA (2m freefield):	38,2 dB(A)	Width:	600 mm
Number of refrigerant circuits:	1	Depth:	600 mm
Number of compressors:	1	Weight:	141 kg
Total power consumption:	2,0 kW	Refrigerant:	R134a
		Power supply:	400V/50Hz/3Ph/N/PE

Fan (Data per unit)

Fan type:	R3G355	Power consumption:	0,1 kW
Number:	1	ESP external static pressure:	50 Pa
Max. revolutions:	2 100 rpm	Total pressure drop:	114 Pa
Nominal power:	0,8 kW	Control voltage:	4,8 V
Revolutions:	969 rpm		

Compressor (Data per compressor)

Electrical power consumption:	1,9 kW
Heat rejection:	6,7 kW
COP:	2,54 kW/kW
Number:	1
Evaporating temperature:	5,0 °C

Condenser

Unit type:	KSV008A11pC	Weight:	44 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:	6,7 kW	Height:	947 mm
Available condenser capacity:	10,7 kW	Width:	910 mm
Difference:	59,7 %	Depth:	670 mm
Number of fans:	1	Airflow:	4 300 m³/h
Number of condensers:	1	LpA (5m freefield):	45,3 dB(A)