

Data sheet

Project: PRBB BCN
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STULZ

CLIMATE. CUSTOMIZED.

Unit

Unit type:	ASD 1220 CW		
Cooling capacity (total):	123,6 kW	Airflow:	22.800 m ³ /h
Cooling capacity (sensible):	99,1 kW	Air velocity:	2,5 m/s
Net total cooling capacity:	119,9 kW	Return air temperature:	24 °C
Net sensible cooling capacity:	95,4 kW	Return air humidity:	50 rel.%
EER:	33,41 kW/kW	Supply air temperature:	11 °C
AER:	0,16 W/(m ³ /h)	Altitude above sea level:	0 m
Sound power level:	77,1 dB(A)	Height:	1.980 mm
LpA (2m freefield):	56,4 dB(A)	Width:	2.200 mm
Total power consumption:	3,7 kW	Depth:	890 mm
		Weight:	513 kg
		Power supply:	400V/50Hz/3Ph/N/PE

Fan (Data per unit)

Fan type:	R3G630	Power consumption:	3,7 kW
Number:	2	ESP external static pressure:	20 Pa
Max. revolutions:	1.420 rpm	Total pressure drop:	377 Pa
Nominal power:	7,4 kW	Control voltage:	7,7 V
Revolutions:	1.088 rpm		

Hydraulics (Data per unit)

Pressure drop CW Coil:	100 kPa	Medium inlet temperature:	7,0 °C
Pressure drop 2-way valve:	44 kPa	Medium outlet temperature:	10,0 °C
Pressure drop pipework:	23 kPa	Medium volume flow:	35,4 m ³ /h
Total pressure drop:	167 kPa	Percentage of glycol:	0 %
		Type of Medium:	Water
		Nominal size 2-way valve:	DN50

Information with "Standard coil (A)"!