

STULZ GmbH Klimatechnik

Project: 11-1243-00-07 CC Serwis

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Unit

Unit type:	ASD 211 A		
Cooling capacity (total):	20,7 kW	Airflow:	7 500 m³/h
Cooling capacity (sensible):	20,7 kW	Return air temperature:	24 °C
Net total cooling capacity:	18,9 kW	Return air humidity:	45 rel. %
Net sensible cooling capacity:	18,9 kW	Supply air temperature:	17 °C
Condensing temperature:	50 °C	Altitude above sea level:	0 m
Evaporating temperature:	13 °C	Height:	1 980 mm
EER:	3,18 kW/kW	Width:	1 000 mm
Sound power level:	75,7 dB(A)	Depth:	890 mm
LpA (2m freefield):	55,6 dB(A)	Weight:	353 kg
		Refrigerant:	R407C
		Frequency:	50 Hz

Fan (Data per unit)

Fan type:	R3G560_AH02_08	Power consumption:	1,8 kW
Number:	1	ESP external static pressure:	70 Pa
Max. revolutions:	1 528 U/min	Total pressure drop:	489 Pa
Nominal power:	0,0 kW	Control voltage:	7,9 V
Revolutions:	1 274 U/min	Motor-efficiency:	89

Compressor (Data per compressor)

Electrical power consumption:	4,7 kW	Total heat rejection:	25,4 kW
COP:	4,45 kW/kW		

Condenser

Unit type:	KSV037A21	Weight:	81 kg
Ambient temperature:	40 °C	Current consumption (per fan):	2,80 A
Sound pressure group:	Standard	Power consumption (per fan):	0,64 kW
Required condenser capacity:	25,4 kW	Height:	870 mm
Available condenser capacity:	27,0 kW	Width:	1 880 mm
Difference:	6,3 %	Depth:	770 mm
		Airflow:	13 000 m³/h
		LpA (5m freefield):	57,5 dB(A)