

TAE 351 100 kW Chiller



Specifications	
Nominal Cooling Duty	86.6 kW
Power Supply	415 V 3 ph +E 50 Hz run 60 Amps
Plug Type	BS4343 5 pin
Noise Level	58 dBA @ 10 metres
Weight	757 kg
Dimensions (W x L x H)	2,240 x 866 x 2,065 mm
Control	Carel pCO
Power Consumption	22.7 kW/h
Generator Size	45 kva
Water Connection	2" Bauer

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Performance Data	
Nominal Cooling Duty	86.6 kW
Design operating temperature in/out	+10/+15° C
Design operating ambient temperature	+25° C
Minimum/maximum outlet/inlet temperature	-10/+20° C
Minimum/maximum ambient temperature	-15/+45° C
Compressors	
Number of compressors	2
Compressor type	Scroll
Variable loading steps	50%/100%
Evaporator	
Type	Submerged coil
Design flow	14.9 m ³ /hr
Minimum/maximum flow	12.9/27 m ³ /hr
Capacity	350 Litres
Maximum working pressure	6 bar
Pressure drop	28 kpa
Condensor	
Number of fans	3
Fan type	Axial
Total volume	6.58 m ³ s
Refrigerant	
Type	R407C
Circuits	1
Electrical	
Supply voltage	415 V 3 ph +E
Nominal current	60 Amps
Start Amps	90 Amps
Electrical connection	BS4343 5 pin
Recommended generator	45 kva
Noise level	
Sound pressure	58 dBA @ 10 metres
Physical data	
Dimensions	2,440 x 806 x 2,065 mm
Weight	757 kg
Water connection	2" Bauer