

TAE 602 160 kW Chiller



Specifications	
Nominal Cooling Duty	152.3 kW
Power Supply	415 V 3 ph +E 50 Hz run 104 Amps
Plug Type	BS4343 5 pin
Noise Level	64 dBA @ 10 metres
Weight	1,255 kg
Dimensions (W x L x H)	3,295 x 1,255 x 2,140 mm
Control	Carel pCO
Power Consumption	36 kW/h
Generator Size	80 kva
Water Connection	2" Bauer

TAEvolution 602 160 kW Chiller

Performance Data	
Nominal Cooling Duty	152.3 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	4
Compressor type	Scroll
Variable loading steps	25%/50%/75%/100%
Evaporator	
Type	Submerged coil
Design flow	26.2 m ³ /hr
Minimum/maximum flow	22.3/48 m ³ /hr
Capacity	500 Litres
Maximum working pressure	6 bar
Pressure drop	32 kpa
Condensor	
Number of fans	2
Fan type	Axial
Total volume	11.6 m ³ s
Refrigerant	
Type	R407C
Circuits	2
Electrical	
Supply voltage	415 V 3 ph +E
Nominal current	104 Amps
Start Amps	260
Electrical connection	BS4343 5 pin
Recommended generator	80 kva
Noise level	
Sound pressure	64 dBA @ 10 metres
Physical data	
Dimensions	3,295 x 1,295 x 2,140 mm
Weight (dry)	1,255 kg
Water connection	2" Bauer