

## TAEvolution 161 50 kW Fluid Chiller



Specifications	
Nominal Cooling Duty	46.3 kW
Power Supply	415 V 3 ph +E 50 Hz run 28 Amps
Plug Type	Appliance inlet BS4343 5 pin
Noise Level	55 dBA @ 10 metres
Weight	416 kg
Dimensions (W x L x H)	1,860 x 760 x 1,390 mm
Control	Carel pCO
Power Consumption	12.9 kW/h
Generator Size	25 kva
Water Connection	2" Bauer

# TAEvolution 161 50 kW Fluid Chiller

<b>Performance Data</b>	
Nominal Cooling Duty	46.3 kW
Design operating temperature in/out	+7/12° C
Design operating ambient temperature	+25° C
Minimum/maximum outlet/inlet temperature	-10/+20° C
Minimum/maximum ambient temperature	-15/+45° C
<b>Compressors</b>	
Number of compressors	1
Compressor type	Scroll
Variable loading steps	No
<b>Evaporator</b>	
Type	Submerged coil
Design flow	8 m <sup>3</sup> /hr
Minimum/maximum flow	7/13 litres/sec
Tank Capacity	255 Litres
Maximum working pressure	6 bar
Pressure drop	28 kpa
<b>Condensor</b>	
Number of fans	2
Fan type	Axial
Total volume	3.2 m <sup>3</sup> s
<b>Refrigerant</b>	
Type	R407C
Circuits	1
<b>Electrical</b>	
Supply voltage	415 V 3 ph +E
Nominal current	28 Amps
Start Amps	70
Electrical connection	BS4343 5 pin
Recommended generator	25 kva
<b>Noise level</b>	
Sound pressure	55 dBA @ 10 metres
<b>Physical data</b>	
Dimensions	1,860 x 760 x 1,390 mm
Weight (dry)	416 kg
Weight (wet)	671 kg
Water connection	2" Bauer