

TRANE Aquastream 2 102 kW Fluid Chiller



Specifications	
Nominal Cooling Duty	102 kW @ 7° C
Power Supply	415 V 3 ph +E 50 Hz run 89 Amps
Plug Type	Appliance inlet BS4343 125 Amps 5 pin
Noise Level	55 dBA @ 10 metres
Weight	1,870 kg
Dimensions (W x L x H)	3,750 x 1,220 x 2,450 mm
Control	Automatic programmer
Power Consumption	39.5 kW/h
Generator Size	65 kva
Water Connection	2" Bauer

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Performance Data	
Nominal Cooling Duty	102 kW @ 7° C
Design operating temperature in/out	+7/12° C
Design operating ambient temperature	+35° C
Minimum/maximum outlet/inlet temperature	-12/+20° C
Minimum/maximum ambient temperature	-15/+45° C
Compressors	
Number of compressors	3
Compressor type	Scroll
Variable loading steps	37 - 63 - 100%
Evaporator	
Type	Brazed plate
Design flow	4.5 litres/sec
Minimum/maximum flow	4.92/10.87 litres/sec
Capacity	10.5 Litres
Maximum working pressure	4.5 bar
Pressure drop	49 kpa
Condensor	
Number of fans	3
Fan type	Axial
Total volume	10.36 m ³ s
Refrigerant	
Type	R407C
Circuits	2
Electrical	
Supply voltage	415 V 3 ph
Nominal current	89 Amps
Start Amps	236
Electrical connection	BS4343 125 Amps 5 pin
Recommended generator	65 kva
Noise level	
Sound pressure	55 dBA @ 10 metres
Physical data	
Dimensions	3,750 x 1,220 x 2,450 mm
Weight	1,870 kg
Water connection	2" Bauer