



400kW Fluid Chiller

Air Cooled Scroll Chiller

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Chiller Specifications

Cooling Capacity	395kW _r at 6°C Leaving Temperature
Temperature range	-12°C to 23°C
Maximum Ambient Temperature	52°C
Weight approx	2496kg
Height	2.3 metres
Width	2.2 metres
Length	3.6 metres
Make	York
Fluid Connection	100mm / 4" Camlock

Performance Data

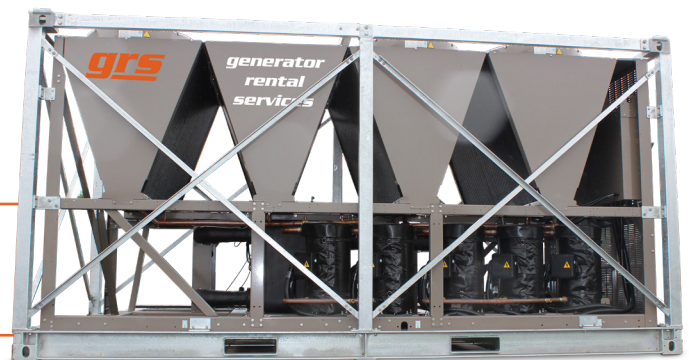
Design Capacity	395kW _r
Design Operating Fluid Temp. IN / OUT	12.0°C / 6.0°C
Maximum / Minimum Fluid Temp.	-11.7°C / 15°C
Design Ambient Temp.	30°C
Maximum / Minimum Ambient Temp.	-18°C / 52°C

Compressor Data

Type	Scroll Chiller
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Evaporator Data

Type	Plate H/E
Material	Stainless Steel
Design Flow	15.66 litres/second
Minimum / Maximum Flow	9.5 litres/second / 33.4 litres/second
Fluid Volume (litres)	50



Condenser Data

Number of Fans	6
Motor Power per Fan	1.68kW

Refrigerator Data

Type	R410a
Number of Circuits	2

Electrical Data

Design Supply	415V - 3ph - 50Hz
Maximum Operating Current	250A
Recommended Cable Size per Phase	4 x 120Amp

Noise Data

Sound Pressure Level at 10m	56 db (A)
Sound Power Level	88 db (A)