



750kW Fluid Chiller
Air Cooled Screw Chiller

Generator Rental & Sales | Portable Light Towers | Temporary Power Solutions | Temperature Control

Call 0800 301 301

www.generatorrentals.co.nz

Chiller Specifications

Cooling Capacity	748kW _r at 6°C Leaving Temperature
Temperature range	-11.7°C to 15°C
Maximum Ambient Temperature	40°C
Weight approx	8000kg
Height	2.6 metres
Width	2.43 metres
Length	6 metres
Make	York
Fluid Connection	100mm / 4" Camlock

Performance Data

Design Capacity	748.3kW _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 / 40°C

Compressor Data

Type	Screw Chiller
Number of Compressors	2

Evaporator Data

Type	Shell and Tube
Material	Steel and Copper
Design Flow	33 litres/second
Minimum / Maximum Flow	12.6 litres/second / 47.3 litres/second
Fluid Volume (litres)	277

Condenser Data

Number of Fans	8
Motor Power per Fan	1.55kW

Refrigerator Data

Type	R134a
Number of Circuits	2

Electrical Data

Design Supply	415V - 3ph - 50Hz
Maximum Operating Current	200A / 400A (VSD)
Recommended Cable Size per Phase	2 x 185mm

Noise Data

Sound Pressure Level at 10m	64 db (A)
Sound Power Level	90 db (A)

