



***200kW Fluid Chiller***  
***Air Cooled Scroll Chiller***

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## Chiller Specifications

Cooling Capacity	204kW <sub>r</sub> at 6°C Leaving Temperature
Temperature range	-12°C to 23°C
Maximum Ambient Temperature	52°C
Weight approx	1761kg
Height	2.3 metres
Width	2.2 metres
Length	2.9 metres
Make	York
Fluid Connection	100mm / 4" Camlock

## Performance Data

Design Capacity	204kW <sub>r</sub>
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	8.1 litres/second
Minimum / Maximum Flow	6.2 litres/second / 22.1 litres/second
Fluid Volume (litres)	25

## Condenser Data

Number of Fans	4
Motor Power per Fan	1.3kW

## Refrigerator Data

Type	R410a
Number of Circuits	2

## Electrical Data

Design Supply	415V - 3ph - 50Hz
Maximum Operating Current	150A
Recommended Cable Size per Phase	1 x 125Amp

## Noise Data

Sound Pressure Level at 10m	55 db (A)
Sound Power Level	87 db (A)

