

**XR151709**

ADMINISTRATIVE DATA

ATC Model Name XR151709

PHYSICAL ATTRIBUTES

Physical Dimensions (mm)	19" rack, 5U high, 500mm deep
Construction	Sheet steel gauge 1.5mm, Powder coated
Mounting Type	19" rack-mounted
Acceptable Environment	Indoors (Standard)
Dry Weight (kg)	30kg
Wet Weight (kg)	35kg
Noise level (dB(A)) at 1 meter	50dB(A)
Product IP Rating	IP20
Airfreight	Ok
Sea Freight	Ok

TEMPERATURE CONTROL ATTRIBUTES

Cooling/Refrigeration Technology	Water-to-water heat exchanger
Cooling Capacity with 'Setpoint' 5°K Above Supply	7.5kW
Cooling Capacity with 'Setpoint' 10°K Above Supply	15kW
Cooling Capacity with 'Setpoint' 20°K Above Supply	30kW
Ambient Temperature Range (Standard)	+4° to +40°C
Control Method	PID house water modulation
Temperature Stability (with constant load)	±0.5°C
Temperature Resolution	±0.1°C

WATER CIRCUIT ATTRIBUTES

Designed Nominal Process Fluid Flowrate	17L/m (1.0m ³ /h)
Maximum Design Pressure	8 Bar (116psi)
Process Temperature Range (standard)	+4°C to +60°C
Maximum Return Line Temperature	+60°C
Pump Options	P17
System Volume	2.3L
Tank Type	Stainless steel, header
Flow and Pressure Control	Internal, PRV, 20-150psi
Connection Size (Fittings to convert size as needed available)	½" BSPPF
Construction Materials	Steel enclosure
Fluid Compatibility	Hexid Fluid (Propylene Glycol) Coolflow (Ethylene Glycol)

ELECTRICAL ATTRIBUTES

(90-264Vac, 1~/2~, 50/60Hz) U-spec Available, 1A @ 230V



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SAFETY INTERLOCKS, PROTECTIONS, STANDARDS, AND INDICATORS

<i>1st Party Approvals</i>	CE
<i>Empty Fluid Reservoir Alarm</i>	Process stop interlock
<i>Low Fluid Flow Alarm</i>	Visual, lamp
<i>Temperature Out of Range Alarm</i>	Visual, lamp
<i>RS485 Comms</i>	Available, see SA00011
<i>Volt-Free Contacts (Temp, Level, Flow)</i>	Available, see SA00012
<i>Interlock Restored, Restart Mode</i>	Manual
<i>Overcurrent Fault-Cleared Restart Mode</i>	Automatic
<i>Overcurrent Protection</i>	Standard, via fuse
<i>Motor Thermal Overload</i>	Standard, via fuse
<i>Warranty Options</i>	2-year parts, 1-year labour Enhanced warranty options