



SDIGROUP

XF0151709**ADMINISTRATIVE DATA****ATC Model Name** XF0151709**PHYSICAL ATTRIBUTES**

Physical Dimensions (mm)	H 890mm, W416mm, D 471mm
Construction	Sheet steel gauge 1.5mm, Powder coated
Mounting Type	Castors, 2 swivel, 2 braked (standard)
Acceptable Environment	Indoors (Standard)
Dry Weight (kg)	130kg
Wet Weight (kg)	190kg
Noise level (dB(A)) at 1 meter	≤50dB(A)@1m
Product IP Rating	Electrical enclosures to IP54

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	+4°C 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 (10m 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
Visible Level Indicator	Yes
Integrated Drain	Yes
System Volume	20L
Tank Type	Stainless steel, Flow-through
Flow and Pressure Control	Internal, PRV, 20-150psi
Connection Size (Fittings to convert size as needed available)	½" BSPFF
Construction Materials	Steel enclosure
Fluid Compatibility	Hexid Fluid (Propylene Glycol) Coolflow (Ethylene Glycol)

ELECTRICAL ATTRIBUTES**(208-230Vac, 1~/2~, 50/60Hz) 9-spec** Available



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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>	Standard
<i>Volt-Free Contacts (Temp, Level, Flow)</i>	Standard
<i>Compressor HP Switch</i>	N/A
<i>Interlock Restored, Restart Mode</i>	Manual
<i>Overcurrent Fault-Cleared Restart Mode</i>	Manual
<i>Overcurrent Protection</i>	Standard, via MCB
<i>Motor Thermal Overload</i>	Internal, automatic restart
<i>Warranty Options</i>	2-year parts, 1-year labour Enhanced warranty options