

Affinity® Thermal Control Products from Lydall

Scalable design allows configuration of the system to match specific application requirements resulting in the most cost effective solution.

Modular design.

Reliable performance.

Scalable.

World-wide Technical Support.

S-Series *Air-Cooled Chiller*

System Features:

- Easy to Use LCD User Interface
- RoHS Compliant
- Reservoir Sight Glass
- Reusable/Cleanable Air Filter
- Compact Design

Available Options:

- Local/Remote via 25 Pin
- 25 Pin D-Sub Interlock for Flow, Temperature and Level indication
- Communication
 - RS485 via 25 Pin
 - RS232 via 9 Pin
 - Ethernet
 - Temperature Re-transmissions
 - Remote Set Value
- De-Ionizing Packages
 - Controlled
 - Non-controlled
 - Level monitoring
- SEMI S2
 - Drip tray Sensor
 - EMO
 - Seismic Brackets
- Stainless/Nickel/Plastic Wetted Materials
- Pressure Readout
- Air or Water Cooled
- Fluid Filtration Packages



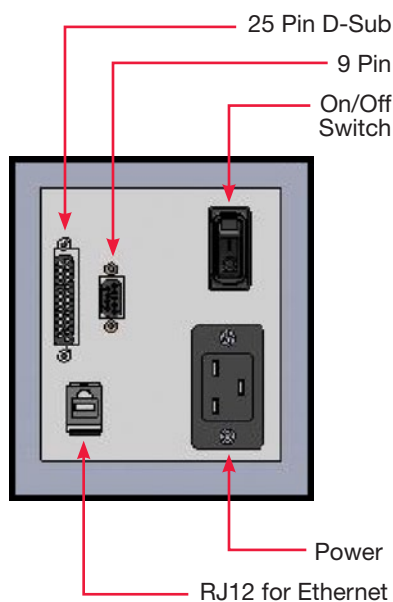
Advanced Thermal Fluid Control

www.lydallaffinity.com

System Performance Characteristics

MET Listed to UL1995	Yes
CE Marked	Yes
Dimensions (l, w, h)	26.5 in, 16.4 in, 26.8 in 67.4 cm, 41.7 cm, 68.0 cm
Ambient Temperature Range	41° F – 95° F (5° C – 35° C)
Process Temperature Range	39° F – 86° F (4° C – 30° C)
Communications	25 Pin D-sub Flow, Temperature and Level
Cooling Capacity Configurations:	1,000 Watts at 20C SV in 20C ambient, 60 Hz 2,000 Watts at 20C SV in 20C ambient, 60 Hz
Pump Configurations:	2 gpm PD pump 4 gpm PD pump Turbine pump
Electrical Configuration:	B 100V/1 ph/50 Hz – 115V/1 ph/60 Hz Q 220-240V/1 ph/50 Hz T 200V/1 ph/50 Hz – 208-230V/1 ph/60 Hz
Refrigerant	R-134a
Notes: Data @ 20°C/68°F unrestricted ambient air for air-cooled chillers Capacities decrease with increasing ambient temperature.	

Electrical Interface



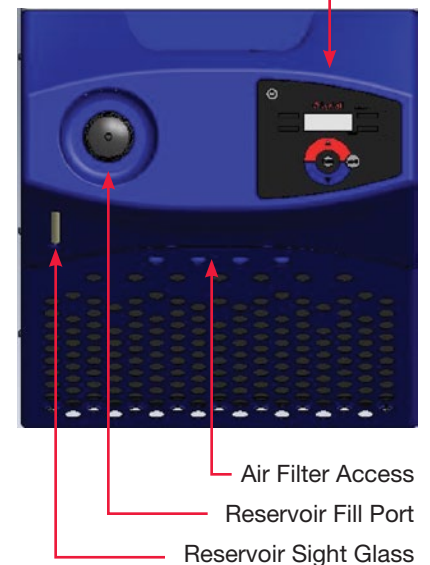
Rear Panel

Process Connections



Front Panel

User Interface



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Lydall Industrial Thermal Solutions, Inc.

E-mail: affinity_sales@lydall.com

Tel: (603) 539-3600

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