

S_{6K} 6000 Watt Chiller

Recirculating, Air-Cooled



S-Series Chillers

Designed to meet the demanding cooling requirements of industrial and laboratory applications, the S-Series delivers quick connection, intuitive operation and 'set-it-and-forget-it' performance.

Choose the S-Series model that matches your heat load (1kW to 6kW), select your cooling set point, and start experiencing the high performance and peace-of-mind that comes from having Lytron Affinity chillers in your process.

System Features:

- System Cooling Capacity to 5700W @ 60 Hz (4750W @ 50 Hz)
- Cooling Range: 39°F to 86°F (4°C to 30°C)
14°F to 86°F (-10°C to 30°C) Optional
- ±0.2°F (0.1°C) Temperature Stability
- Copper or stainless steel wetted materials
- Enhanced ergonomic operator interface
- Adjustable bypass integrated in chiller
- Industry standard communication options for remote monitoring and control
- RoHS, MET and CE Compliant
- "Green" Design – low resource consumption
- Small in size and quiet
- Options enable tailoring to the specific application
- Quick turn preventative maintenance
- Worldwide service and support available 24/7



S_{6K} S-Series Chiller

Specifications

Cooling Capacity	5700W @ 60 Hz (4750W @ 50 Hz) SP: 68°F (20°C) / Ambient: 68°F (20°C)
Cooling Type	Standard: Air Optional: Water
Cooling Loop	Standard: Copper / Brass / EPDM Optional: Stainless / Nickel / Plastic
Temperature	Ambient: 41°F to 95°F (5°C to 35°C) Process: 39°F to 86°F (4°C to 30°C) 14°F to 86°F (-10°C to 30°C) Option Stability: ±0.2°F (0.1°C)
Refrigerant	R-134a
Reservoir	Capacity: 1.75 gal (6.5 liters) Level Indicator on front of unit
Operator Interface	Ergonomic, LED display and function buttons
Machine Interface (Optional)	RS485: 25-pin D-sub RS232: 9-pin D-sub, Ethernet: RJ45 Alarms: 25-pin D-sub

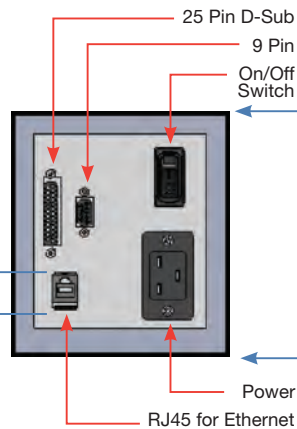
Pumps	Standard: T4: 8 gpm (30.4 lpm) Turbine pump
Pressure Reading	Optional transducer with reading available through operator display
Certifications	Standard: MET Listing to UL 1995, CE, RoHS Optional: SEMI S2
Noise Level	66.7 dBA @ 1 meter
Filtration	Optional: 5, 20 & 50 micron filters
Ionization	Optional: Static level @ 1 M /cm Controlled with Level monitoring
Power Requirements	K: 200-220V / 3 phase / 50 HZ, 208-230V / 3 phase / 60 Hz L: 380V / 3 phase / 50 Hz, 460V / 3 phase / 60 Hz
Dimensions	L: 31.5" W: 19.8" H: 31.9" L: 80.0 cm W: 50.3 cm H: 81.0 cm
Unit Weight (Dry)	302 lbs (137 kg)

Communications

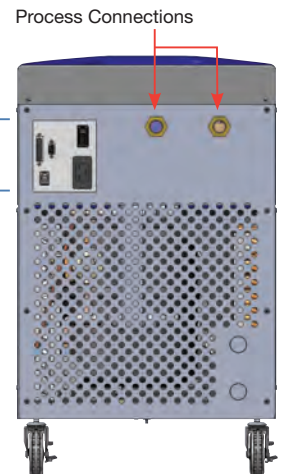
PC Interface to control chiller



Electrical Interface



Rear Panel



Americas

775 Route 16
Ossipee, NH 03864
(603) 539-3600

Europe

Hubertusstrasse 47
Castrop- Rauxel 44577
Germany
49 173 85 11550

Asia

Hola Centre
65 Ubi Crescent #06-08
Singapore 408559
65 6841-6283

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LYTRON[®]

Affinity[®] Thermal Systems

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