Affinity® Thermal Control Products *from Lydall*
Lydall Affinity® thermal control solutions are designed and built to your manufacturing specifications and are focused on reducing energy consumption. High-performance refrigerated and non-refrigerated chillers and heating systems in compact, modular and user-friendly designs, deliver process temperature ranges of -80°C to +200°C.

Innovative, modular design.

Reliable performance.

Flexible applications.

R-Series *Rack-Mountable* Air-Cooled Chiller

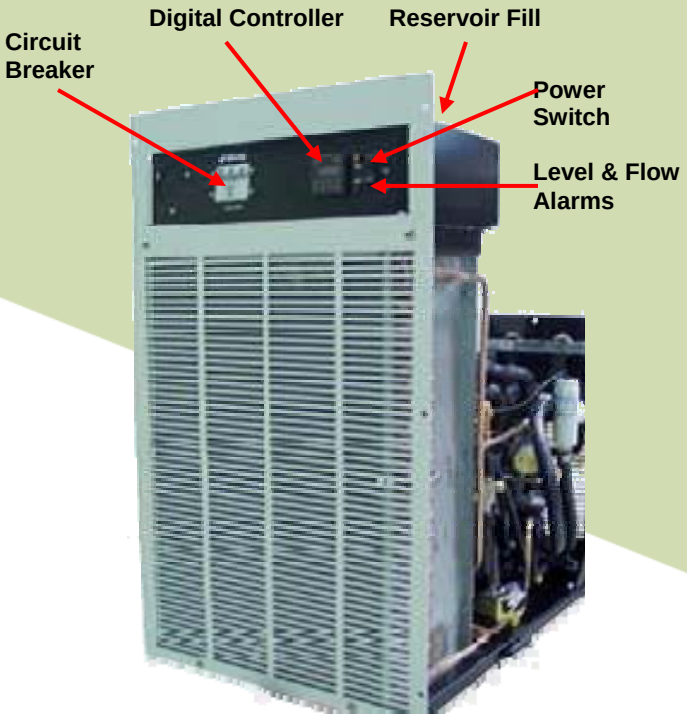
System Features:

- No facility water hook-up required
- Easy to install (Plug & Play)

Available Options:

- Air-cooled or water-cooled heat rejection
- Alternative coolant temperature ranges
- Many electrical configurations
- Various pumps available
- Open reservoir system
- RS-485 & RS-232 communications
- WinChill Control Software
- Various interlocks for flow, level, temp, etc. Choice of DB-25 or 4-pin configurations
- Internal or external coolant loop deionizing cartridges & sensors
- Coolant loop filter packages
- Stainless, engineered plastics, nickel only on wetted surfaces
- Adjustable low flow switch
- Quick connect external hose packages

Not all options available on all models.



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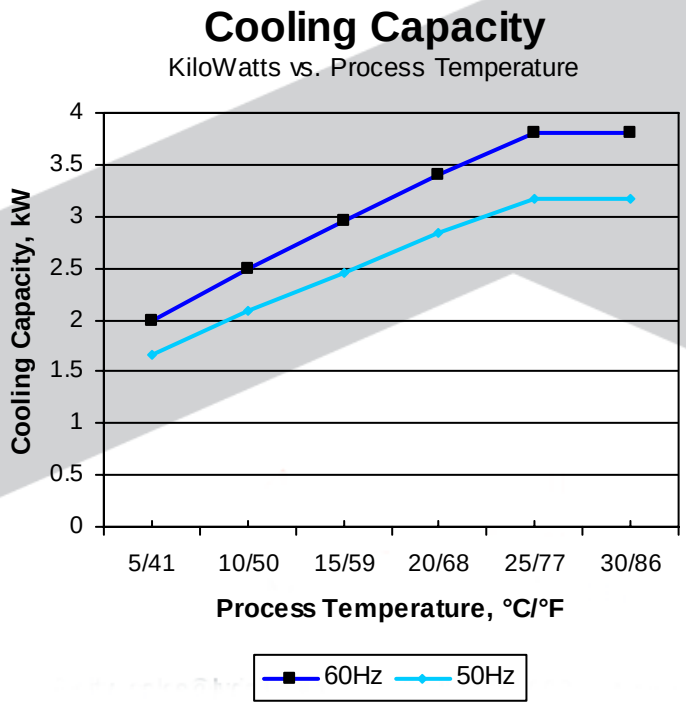
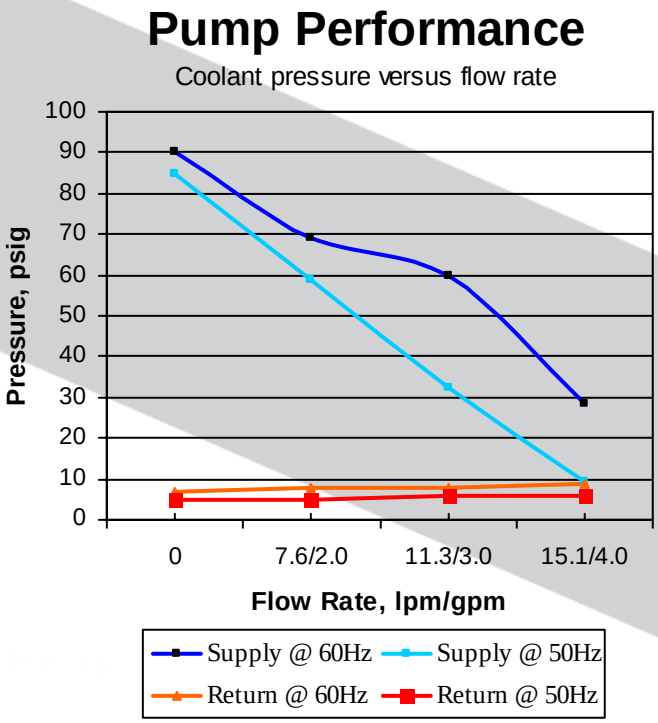
www.lydallaffinity.com

System Performance Characteristics

Model Nomenclature	RAA-012T-CE01CBD4
MET Listed	Yes
CE Marked	Yes
Dimensions	27” L X 19” W X 31.5” H
Weight	240 lbs.
Ambient Temperature Range	41º F - 95º F
	(5º C - 35º C)
Process Temperature Range	39º F - 86º F
	(4º C - 30º C)
Nominal Heat Removal	4.1 kW @ 60 Hz 3.4 kW @ 50 Hz
Pump Performance	3 gpm @ 60 psi
Electrical Configuration:	
Voltage @ 60 Hz	208 – 230 Volts +/- 10%
Voltage @ 50 Hz	200 Volts +/- 10%
Phase	1
Total Amps	11.3
Maximum Fuse Disconnect (required of customer)	15
Power Cord Supplied	Nema, 15-20
Refrigerant	R-407C

Notes:
Data @ 30ºC/86ºF unrestricted ambient air for air-cooled chillers.
Capacities decrease with increasing ambient temperature.





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