

*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.

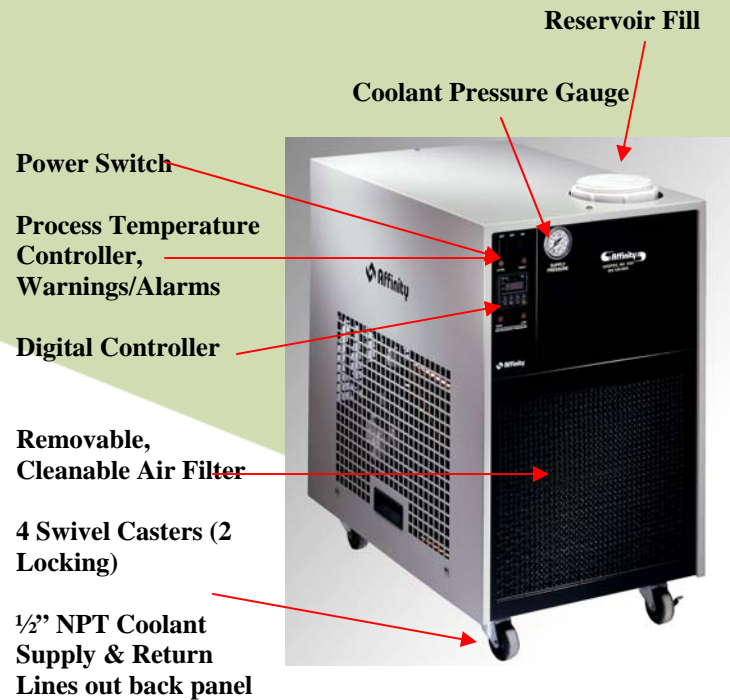
Flexible applications.

# P-Series — Air Cooled Chiller

## 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 configuration
- 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.**



Now you have a choice.

## System Performance Characteristics

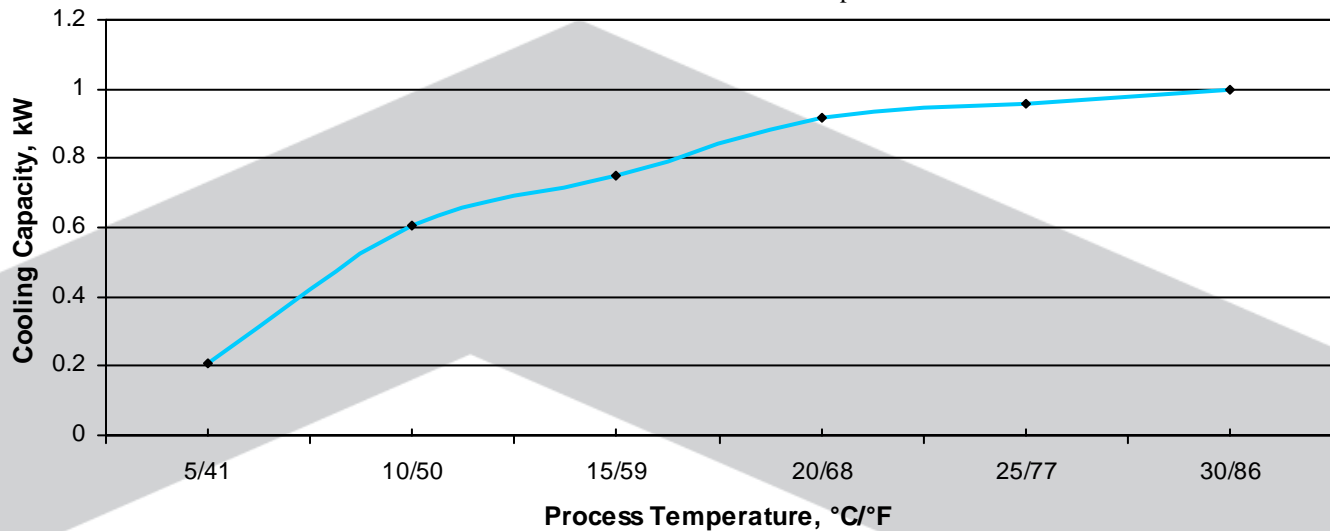
Model Nomenclature	PAA-003Q-CE77CBC3
CE Marked	Yes
Weight	165 lbs.
Dimensions	22.5" L X 14.5" W X 24.5" H
Ambient Temperature Range	41° F - 95° F (5° C - 35° C)
Process Temperature Range	39° F - 86° F (4° C - 30° C)
Nominal Heat Removal	900 Watts @ 20° C
Pump Performance @ 60 Hz	3 gpm @ 35 psi
Electrical Configuration:	
Voltage @ 50 Hz	220 – 240 Volts +/- 10%
Phase	1
Total Amps	7.0
Maximum Fuse Disconnect (required of customer)	15
Power Cord Supplied	Nema, 6-15
Refrigerant	R-134a

**Notes:**

Data at 30°C unrestricted ambient air for air-cooled chillers.  
Capacities decrease with increasing plant water temperature.

## Cooling Capacity

KiloWatts vs. Process Temperature



Now you have a choice.

◆ 50Hz

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