



# Artisan Scientific

QUALITY INSTRUMENTATION ... GUARANTEED

## Looking for more information?

Visit us on the web at <http://www.artisan-scientific.com> for more information:

- Price Quotations
- Drivers
- Technical Specifications, Manuals and Documentation

## Artisan Scientific is Your Source for Quality New and Certified-Used/Pre-owned Equipment

- Tens of Thousands of In-Stock Items
- Hundreds of Manufacturers Supported
- Fast Shipping and Delivery
- Leasing / Monthly Rentals
- Equipment Demos
- Consignment

### Service Center Repairs

Experienced Engineers and Technicians on staff in our State-of-the-art Full-Service In-House Service Center Facility

### InstraView™ Remote Inspection

Remotely inspect equipment before purchasing with our Innovative InstraView™ website at <http://www.instraview.com>

### We buy used equipment! We also offer credit for Buy-Backs and Trade-Ins

Sell your excess, underutilized, and idle used equipment. Contact one of our Customer Service Representatives today!

Talk to a live person: 888-88-SOURCE (888-887-6872) | Contact us by email: [sales@artisan-scientific.com](mailto:sales@artisan-scientific.com) | Visit our website: <http://www.artisan-scientific.com>

A Lydall Engineered Product

# 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

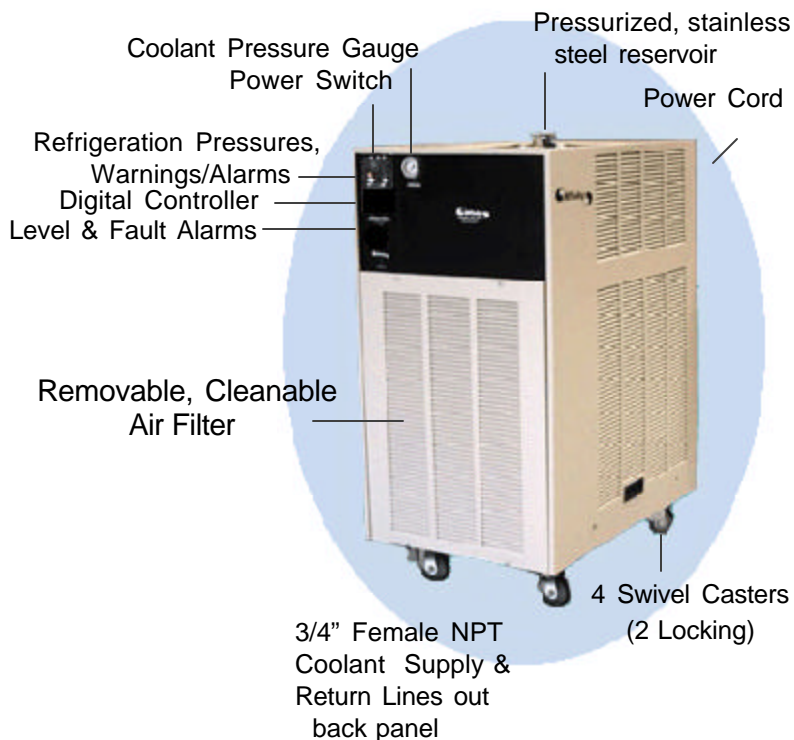
**Not all options available on all models.**

## NOTES

Data @ 30°C/86°F unrestricted ambient air & 20°C/68°F ambient air.

Capacities decrease with increasing ambient temperature.

Data contained herein is subject to change without notice. Phone (603) 539-3600 for up-to-date information regarding our products.



Dimensions: 27.625"L x 19.125"W x 36.75"H

## VITAL STATISTICS

MET & CE listed

Ambient temperature 41°F - 95°F  
(5°C - 35°C)

Process temperature range -40°F - 176°F  
(-40°C - 80°C)

Nominal heat removal 2kW @ -20°C(-4°F)

Pump performance @ 60 Hz 3gpm @ 30psi

Electrical configuration:

Voltage @ 60Hz 208-230V +/- 10%

Voltage @ 50Hz 200-220V +/- 10%

Phase 3

Total Amps 29.8

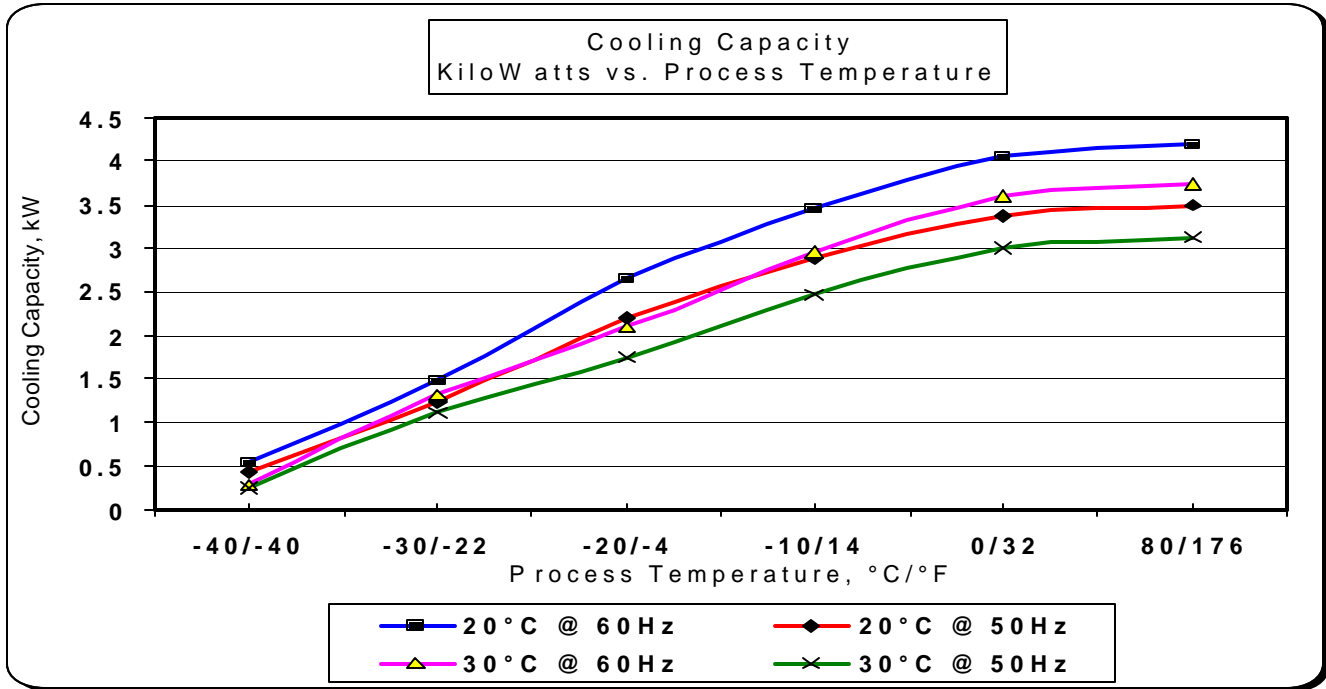
Max. fuse disconnect

(required of customer) 45

Power cord supplied Yes, 10ft.

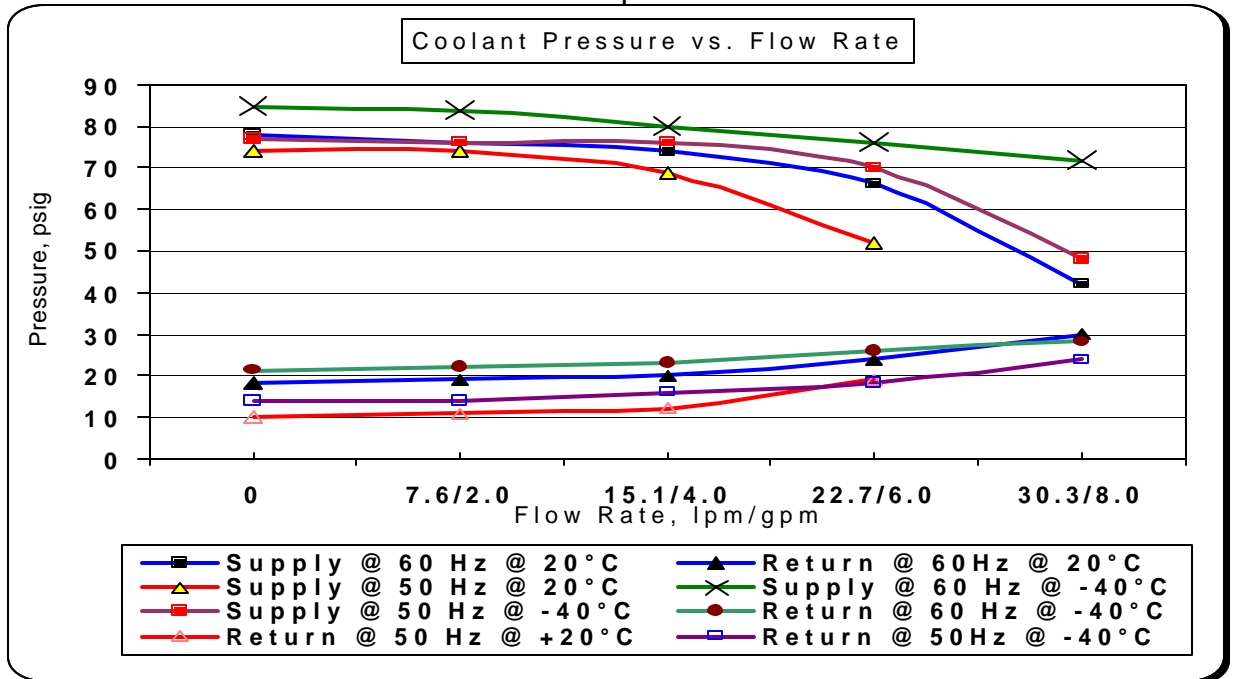
Refrigerant R-507

# P-SERIES AIR-COOLED CHILLER



SCROLL COMPRESSOR

Data taken at a fluid temperature of +20°C & -40°C.



MAGNETIC TURBINE PUMP

Note: Coolant pressure vs. Flow Rate graph indicates best possible pump performance with maximum pressure relief valve setting. Factory pressure relief valve setting of 80psi will decrease performance.



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