



HEAT & COOL

PCA SERIES AIR COOLED PORTABLE CHILLERS



PCA SERIES PORTABLE CHILLERS

PCA Series air-cooled chillers by AEC are specially engineered for small, demanding industrial applications. Each self-contained unit is designed for immediate hook-up and is ready to supply clean cooling water at constant temperatures. A wide range of economical options are available to meet or exceed the demands of almost any application.

Compact, Efficient Chillers for Small Industrial Cooling Applications

Leaving Water Temperature Of 30°F (-1°C) to 65°F (18°C)

Off-the-shelf Microprocessor Control

Rugged Design for Years of Dependable Service

- Capacities from 1/2 to 1 1/2 tons
- Ozone-friendly 1/2 and 1 hp models use environmentally safe HFC-134a. 1 1/2 hp model uses R-22
- Standard off-the-shelf microprocessor based PID autotuning controller with digital temperature display
- Refrigerant sight glass and filter dryer
- High/Low refrigerant pressure safeties
- Easy-access cabinet design
- Compact, space-saving footprint 20" (508 mm) x 26" (660.4 mm)
- Hot gas bypass capacity control
- Non-ferrous construction



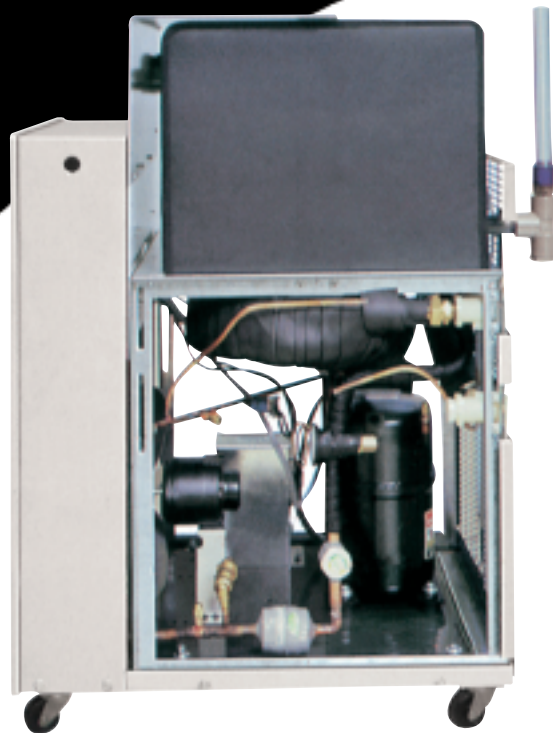
1100 E Woodfield Road
Schaumburg, IL 60173 USA
Tel. 847-273-7700 Fax 847-273-7804





HEAT & COOL

PCA SERIES AIR COOLED PORTABLE CHILLERS



ADDITIONAL FEATURES

- Heavy, one-piece 6-gallon polyethylene reservoir
- Fill/drain sight glass for easy water level indication and control
- Fully accessible NEMA 1-style enclosure with dependable rated components
- Efficient, insulated pump and evaporator
- Insulated refrigerant lines for increased efficiency
- Air-cooled condenser
- Convenient chilled water supply and return connections
- Process bypass protection
- Thermal expansion valve
- High and low refrigerant pressure switches
- Refrigerant sight glass
- Rugged, dependable reciprocating compressor
- Filter dryer
- Casters

AVAILABLE OPTIONS

- High pressure pumps
- Water pressure gauge
- Power cord
- Stainless steel water circuit
- High temperature audible/visual alarm
- Sight glass guard
- Graphic panel with indicators for pump on, compressor on, high or low refrigerant pressure and hot gas bypass (pictured above)



Optional control graphic panel



1100 E Woodfield Road
Schaumburg, IL 60173 USA
Tel. 847-273-7700 Fax 847-273-7804

