



# HALCO PRODUCTS COMPANY

100 N. Gordon Street - Elk Grove Village, IL 60007-1193

Tel: 847-956-1600 - Fax: 847-956-0595

E-Mail: Info@Halco-Products.com

Website: www.Halco-Products.com

## COOL MAX 5 Ton PCA500A-X

### Key Specifications

Set Point Range:	-6° to 26.6°C
Temperature Stability:	±0.6°C
Power Requirements:	208-230V, 3 phase, 60Hz, 35.2 A
Reservoir Capacity (gallons/liters):	11 gallons / 42 liters with Low Liquid Level alarm
Overall dimensions (L x W x H):	48 x 35 x 61" (122 x 89 x 155 cm)
Pump type:	1.5HP stainless steel pump
Maximum Pump Pressure:	35 psi
Maximum Flow Rate:	12 gpm
Refrigerant type:	R410A
Process Connections:	1.5"



Cooling Capacity: 17,935 W / 61,200 BTU/hr @ 35°C

### Chiller features

- Compact micro-channel all aluminum air-cooled condensers for increased durability
- High efficiency, low noise fans (air-cooled units only) with integral condensers for reduced operating noise and increased efficiency
- Stainless steel brazed plate evaporators with flow and temperature safeties to guard against freezing
- Low voltage 24 VDC control keeps the control circuit signals free from AC interference
- C-UL 508A industrial control panel with single point electrical connection
- Removable inlet air filter is easily cleaned and protects condenser coils to assume maximum efficiency

### Controller features

- Password protected operational parameters
- Start-to-start anti-cycle timer prevents short-cycling of compressor while minimizing unnecessary off periods
- Display of compressor and pump running hours helps with scheduling routine maintenance
- Loss of phase/phase reversal/phase imbalance alarm
- Pump test button allows for quick and easy pump rotation check from the main control panel
- Temperature deviation warnings provide an adjustable deviation set point to indicate abnormal operation of chiller or process equipment without shutting down the chiller

### Pump Performance

