

## 3 HP High Capacity Chiller; Air-Cooled



DCA300

### Key Specifications

<b>Description</b>	3 HP Chiller; Air-Cooled; Up to 10.5kW @ 20°C
<b>Display</b>	LED
<b>Connectivity</b>	Standard: RS232; Optional: RS485
<b>Working Temperature Range °C</b>	5° to 35°
<b>Temperature Stability °C</b>	±0.5°
<b>Temperature Calibration Capability</b>	1-point
<b>Pump Type</b>	Contact PolyScience for Options

### Key Features

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- Chillers 2HP and up are not available outside of the United States
- High capacity cooling for lasers, EDM equipment, injection molding, and other heat removal applications
- Displays temperature and pressure or flow rate simultaneously
- User-adjustable temperature, pressure, and flow rate alarms
- Simple operation and maintenance
- Air- or water-cooled

- Wide variety of pump options available

## Common Specifications

<b>Working Temperature Range °F</b>	41° to 95°
<b>Working Temperature Range °C</b>	5° to 35°
<b>Cooling Capacity</b>	Up to 10.5kW @ 20°C
<b>Reservoir Capacity (gallons)</b>	7
<b>Reservoir Capacity (liters)</b>	26.5
<b>Reservoir/Tank Material</b>	Contact PolyScience for Options
<b>Reservoir Cover</b>	Screw-on Cap
<b>Cleanable Air Filter</b>	Yes
<b>Cleanable Fluid Filter</b>	Yes
<b>Temperature Stability °F</b>	±0.9°
<b>Temperature Stability °C</b>	±0.5°
<b>Display</b>	LED
<b>Display Resolution (Read)</b>	0.1
<b>Pump Type</b>	Contact PolyScience for Options
<b>Process Connections</b>	3/4" (F) NPT
<b>Over-Temperature Protection / Failsafe Heater Control</b>	Yes
<b>Reservoir Liquid Level Indicator</b>	Yes
<b>Cool Command Refrigeration Technology</b>	Yes
<b>Reservoir Drain</b>	Yes
<b>Maximum Ambient Temperature °F</b>	95°
<b>Maximum Ambient Temperature °C</b>	35°
<b>Overall Dimensions (L x W x H) (inches)</b>	30.5 x 37 x 42 in
<b>Overall Dimensions (L x W x H) (cm)</b>	78 x 94 x 107 cm
<b>Compressor Size (HP)</b>	3
<b>Refrigerant</b>	R134a
<b>Shipping Weight (pounds)</b>	570.0
<b>Shipping Weight (kilograms)</b>	259.0
<b>Catalog Page Number</b>	105

## 60 Hz Only

Electrical Requirements (VAC/Hz/Ph/A) Contact PolyScience for Options

## 50 Hz Only

Electrical Requirements (VAC/Hz/Ph/A) Contact PolyScience for Options



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