

1.5 HP Chiller, Positive Displacement Pump; Water-Cooled



6900P

Key Specifications

Description	1.5 HP Chiller, Positive Displacement Pump; Water-Cooled
Display	LED
Connectivity	Optional: RS232, RS485
Working Temperature Range °C	5° to 35°
Temperature Stability °C	±0.5°
Temperature Calibration Capability	1-point
Pump Type	Positive Displacement

Key Features

Key Features

- High capacity cooling for lasers, electron microscopes, and other laboratory applications
- Small footprint conserves floor space
- Displays temperature and pressure or flow rate simultaneously
- User-adjustable temperature, pressure, and flow rate alarms
- Simple operation and maintenance

- Air- or water-cooled
- Positive displacement (PD) or turbine (T) pump; other pump options also available

Common Specifications

Working Temperature Range °F	41° to 95°
Working Temperature Range °C	5° to 35°
Reservoir Capacity (gallons)	3.5
Reservoir Capacity (liters)	13.25
Reservoir/Tank Material	Polyethylene
Reservoir Cover	Screw-on Cap
Cleanable Air Filter	Yes
Cleanable Fluid Filter	Yes
Temperature Stability °F	±0.9°
Temperature Stability °C	±0.5°
Display	LED
Pump Type	Positive Displacement
Process Connections	1/2" (F) NPT
Over-Temperature Protection / Failsafe Heater Control	Yes
Reservoir Liquid Level Indicator	Yes
Reservoir Drain	Yes
Maximum Ambient Temperature °F	95°
Maximum Ambient Temperature °C	35°
Overall Dimensions (L x W x H) (inches)	30.5 x 19 x 26 in
Overall Dimensions (L x W x H) (cm)	78 x 48 x 66 cm
Compressor Size (HP)	1.5
Refrigerant	R134a
Shipping Weight (pounds)	340.0
Shipping Weight (kilograms)	154.0
Catalog Page Number	104

60 Hz Only

Part Number	6960P46A270D
Maximum Pressure (psi)	100.0
Maximum Pressure (bar)	6.90
Maximum Pressure Flow Rate (gpm)	3.50
Maximum Pressure Flow Rate (l/min)	13.2
Cooling Capacity @ +10°C (W)	4529
Cooling Capacity @ +20°C (W)	5328
Cooling Capacity @ +30°C (W)	6127
Heater Wattage	1000

Electrical Requirements (VAC/Hz/Ph/A) 230/60/1/20
Regulatory Approvals TUV

50 Hz Only

Part Number	6950P46A270E
Maximum Pressure (psi)	83.0
Maximum Pressure (bar)	5.72
Maximum Pressure Flow Rate (gpm)	2.90
Maximum Pressure Flow Rate (l/min)	11.0
Cooling Capacity @ +10°C (W)	3895
Cooling Capacity @ +20°C (W)	4582
Cooling Capacity @ +30°C (W)	5269
Heater Wattage	1000
Electrical Requirements (VAC/Hz/Ph/A)	240/50/1/19.7
Regulatory Approvals	CE



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