

1.5 HP DuraChill® Chiller, Turbine Pump; Water-Cooled

6900T

Key Specifications

Description	1.5 HP Chiller, Turbine 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	Turbine

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
Display Resolution (Read)	0.1
Pump Type	Turbine
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	6960T56A270D
Maximum Pressure (psi)	100.0
Maximum Pressure (bar)	6.90
Maximum Pressure Flow Rate (gpm)	11.00
Maximum Pressure Flow Rate (l/min)	41.6
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)	230/60/1/22

Regulatory Approvals	TUV
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50 Hz Only

Part Number	6950T56A270E
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Maximum Pressure (psi)	83.0
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Maximum Pressure (bar)	5.72
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Maximum Pressure Flow Rate (gpm)	9.00
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Maximum Pressure Flow Rate (l/min)	34.0
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Cooling Capacity @ +10°C (W)	3895
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Cooling Capacity @ +20°C (W)	4582
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Cooling Capacity @ +30°C (W)	5269
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Heater Wattage	1000
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Electrical Requirements (VAC/Hz/Ph/A)	240/50/1/24.5
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Regulatory Approvals	CE
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