

# 1.5 HP Chiller, Turbine Pump; Water-Cooled

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6900T

## Key Specifications

<b>Description</b>	1.5 HP Chiller, Turbine Pump; Water-Cooled
<b>Display</b>	LED
<b>Connectivity</b>	Optional: RS232, 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>	Turbine

## Key Features

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- 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

<b>Working Temperature Range °F</b>	41° to 95°
<b>Working Temperature Range °C</b>	5° to 35°
<b>Reservoir Capacity (gallons)</b>	3.5
<b>Reservoir Capacity (liters)</b>	13.25

<b>Reservoir/Tank Material</b>	Polyethylene
<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>	Turbine
<b>Process Connections</b>	1/2" (F) NPT
<b>Over-Temperature Protection / Failsafe Heater Control</b>	Yes
<b>Reservoir Liquid Level Indicator</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 19 x 26 in
<b>Overall Dimensions (L x W x H) (cm)</b>	78 x 48 x 66 cm
<b>Compressor Size (HP)</b>	1.5
<b>Refrigerant</b>	R134a
<b>Shipping Weight (pounds)</b>	340.0
<b>Shipping Weight (kilograms)</b>	154.0
<b>Catalog Page Number</b>	104

## 60 Hz Only

<b>Part Number</b>	6960T56A270D
<b>Maximum Pressure (psi)</b>	100.0
<b>Maximum Pressure (bar)</b>	6.90
<b>Maximum Pressure Flow Rate (gpm)</b>	11.00
<b>Maximum Pressure Flow Rate (l/min)</b>	41.6
<b>Cooling Capacity @ +10°C (W)</b>	4529
<b>Cooling Capacity @ +20°C (W)</b>	5328
<b>Cooling Capacity @ +30°C (W)</b>	6127
<b>Heater Wattage</b>	1000
<b>Electrical Requirements (VAC/Hz/Ph/A)</b>	230/60/1/22
<b>Regulatory Approvals</b>	TUV

## 50 Hz Only

<b>Part Number</b>	6950T56A270E
<b>Maximum Pressure (psi)</b>	83.0
<b>Maximum Pressure (bar)</b>	5.72

<b>Maximum Pressure Flow Rate (gpm)</b>	9.00
<b>Maximum Pressure Flow Rate (l/min)</b>	34.0
<b>Cooling Capacity @ +10°C (W)</b>	3895
<b>Cooling Capacity @ +20°C (W)</b>	4582
<b>Cooling Capacity @ +30°C (W)</b>	5269
<b>Heater Wattage</b>	1000
<b>Electrical Requirements (VAC/Hz/Ph/A)</b>	240/50/1/24.5
<b>Regulatory Approvals</b>	CE



© 2015-2020 **PolyScience** 6600 W. Touhy Avenue, Niles, Illinois 60714-4516 USA

**Phone:** +1(847) 647-0611 or +1(800) 229-7569 **Fax:** +1(847) 647-1155

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**Source URL (modified on 10/06/2020 - 15:00):** <https://www.polyscience.com/chillers/15-hp-durachill%C2%AE-chiller-turbine-pump-water-cooled>