

1.5 HP Chiller, Turbine Pump; Water-Cooled



6900T

Key Specifications

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|---|--|
| 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

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|--|-------------------|
| 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

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|-------------------------------|--------------|
| Part Number | 6960T56A270D |
| Maximum Pressure (psi) | 100.0 |
| Maximum Pressure (bar) | 6.90 |

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|--|-------------|
| 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 |

50 Hz Only

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|--|---------------|
| Part Number | 6950T56A270E |
| Maximum Pressure (psi) | 83.0 |
| Maximum Pressure (bar) | 5.72 |
| Maximum Pressure Flow Rate (gpm) | 9.00 |
| Maximum Pressure Flow Rate (l/min) | 34.0 |
| 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) | 240/50/1/24.5 |
| Regulatory Approvals | CE |



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Source URL (modified on 01/08/2021 - 10:14): <https://polyscience.com/chillers/15-hp-durachill%C2%AE-chiller-turbine-pump-water-cooled>