

## 6500 Series 1/2 HP Chiller, Turbine Pump



6500T

### Key Specifications

Description	6500 Series 1/2 HP Chiller, Turbine Pump; 100 psi; 13.2 l/min
Display	LED
Connectivity	Optional: RS232, RS485, Remote On/Off
Working Temperature Range °C	-10° to 40°
Temperature Stability °C	±0.1°
Temperature Calibration Capability	1-point
Pump Type	Turbine
External Temperature Control Capability	Optional

### Key Features

#### Features

- Large, dual displays present temperature and pressure or flow rate simultaneously
- Compact, portable design takes up less floor space
- Cooling at ambient temperatures as high as 35°C
- Powerful turbine pump

- Choice of compressor sizes
- User-adjustable temperature, pressure, and flow rate alarms
- External temperature tracking and communications capability (optional)
- Cool Command™, WhisperCool® (3/4 and 1 HP models)

## Common Specifications

Working Temperature Range °F	14° to 104°
Working Temperature Range °C	-10° to 40°
Reservoir Capacity (gallons)	1.11
Reservoir Capacity (liters)	4.2
Reservoir Cover	Screw-on Cap
Cleanable Air Filter	Yes
Cleanable Fluid Filter	Yes
Temperature Stability °F	±0.2°
Temperature Stability °C	±0.1°
Display	LED
Pump Type	Turbine
Pump Speed	Constant, Single Speed
Process Connections	1/2" (F) NPT
External Temperature Control Capability	Optional
Over-Temperature Protection / Failsafe Heater Control	Yes
Reservoir Liquid Level Indicator	Yes
Cool Command Refrigeration Technology	Yes
Reservoir Drain	Yes
Heater Option	Yes
Maximum Ambient Temperature °F	95°
Maximum Ambient Temperature °C	35°
Overall Dimensions (L x W x H) (inches)	27.6 x 14.5 x 22.6 in
Overall Dimensions (L x W x H) (cm)	70.2 x 36.8 x 57.5 cm
Compressor Size (HP)	1/2
Refrigerant	R134a
Shipping Weight (pounds)	181.0

Shipping Weight (kilograms)	82.0
Catalog Page Number	102-103

## 60 Hz Only

Part Number	6560T11A120C
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)	323
Cooling Capacity @ -5°C (W)	575
Cooling Capacity @ 0°C (W)	770
Cooling Capacity @ +10°C (W)	1286
Cooling Capacity @ +20°C (W)	1742
Cooling Capacity @ +30°C (W)	1860
Cooling Capacity @ +40°C (W)	1503
Included Hardware	Two sets of Inlet/Outlet Adapters: ½ inch male NPT, 5/8 inch male NPT
Electrical Requirements (VAC/Hz/Ph/A)	120/60/1/16
Regulatory Approvals	TUV

## 50 Hz Only

Part Number	6550T21A130E
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)	301
Cooling Capacity @ -5°C (W)	536
Cooling Capacity @ 0°C (W)	772
Cooling Capacity @ +10°C (W)	1181
Cooling Capacity @ +20°C (W)	1836
Cooling Capacity @ +30°C (W)	1930
Cooling Capacity @ +40°C (W)	1300

Included Hardware	Two sets of Inlet/Outlet Adapters: ½ inch male NPT, 5/8 inch male NPT
Electrical Requirements (VAC/Hz/Ph/A)	240/50/1/8.9
Regulatory Approvals	CE

© 2015 **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

**Source URL (modified on 05/27/2016 - 07:25):** <https://www.polyscience.com/chillers/6500-series-12-hp-chiller-turbine-pump>