

6300 Series 1/3 HP Chiller, Positive Displacement Pump



6300P

Key Specifications

Description	6300 Series 1/3 HP Chiller, Positive Displacement Pump; 100 psi; 9.8 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	Positive Displacement
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
- Positive displacement 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	Positive Displacement
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)	1/3
Refrigerant	R134a

Shipping Weight (pounds)	153.0
Shipping Weight (kilograms)	69.0
Catalog Page Number	102-103

60 Hz Only

Part Number	6360P11A120C
Maximum Pressure (psi)	100.0
Maximum Pressure (bar)	6.90
Maximum Pressure Flow Rate (gpm)	2.60
Maximum Pressure Flow Rate (l/min)	9.8
Cooling Capacity @ -10°C (W)	220
Cooling Capacity @ -5°C (W)	375
Cooling Capacity @ 0°C (W)	530
Cooling Capacity @ +10°C (W)	990
Cooling Capacity @ +20°C (W)	1400
Cooling Capacity @ +30°C (W)	1498
Cooling Capacity @ +40°C (W)	1543
Included Hardware	Two sets of Inlet/Outlet Adapters: ½ inch male NPT, 5/8 inch male NPT
Electrical Requirements (VAC/Hz/Ph/A)	120/60/1/13.7
Regulatory Approvals	TUV

50 Hz Only

Part Number	6350P21A130E
Maximum Pressure (psi)	83.0
Maximum Pressure (bar)	5.72
Maximum Pressure Flow Rate (gpm)	1.95
Maximum Pressure Flow Rate (l/min)	7.4
Cooling Capacity @ -10°C (W)	180
Cooling Capacity @ -5°C (W)	330
Cooling Capacity @ 0°C (W)	485
Cooling Capacity @ +10°C (W)	935
Cooling Capacity @ +20°C (W)	1280
Cooling Capacity @ +30°C (W)	1370