Model 3370 Liquid-to-Air Cooler, 1/3 HP Turbine Pump

3370TB

Key Specifications

Description	Liquid-to-Air Cooler, Turbine Pump
Working Temperature Range °C	Ambient +5° to 70°C
Pump Type	Turbine

Key Features

Features

- An economical solution for applications where cooling fluid temperature is higher than ambient and temperature control is not required
- Quiet liquid-to-air cooling
- Positive displacement or turbine pump
- Built-in low liquid level indicator

Performance Specifications & Part Numbers

Temperature Range	Ambient to 70°C

Cooling Capacity @ 20°C (W)	500 based on 3°C ?T 1000 based on 6°C ?T 2000 based on 12°C ?T 3000 based on 18°C ?T 4000 based on 24°C ?T			
Power Requirements (V/Hz)	120/60	240/50	120/60	240/50
Pump	1/3 HP Positive Displacement		1/3HP Turbine Pump	
Maximum Pressure psi (bar)	100 (6.9)	100 (6.9)	62 (4.3)	50 (3.4)
Maximum Flow gpm (l/min)	2.4 (9.1)	2 (7.6)	5.4 (20.5)	4.5 (17.1)
Part Number 120 VAC / 60Hz	3370P9A11B		3370TBA11B	
Part Number 240 VAC / 50Hz	3370P9A12E		3370TBA12E	

?T = Process water temperature - ambient air temperature

Electrical plugs for the part numbers listed are standard U.S. and European types. Country specific plug types available.

Front mounted gauge lets you check process pressure at a glance.

Common Specifications

Working Temperature Range °F	Ambient +10° to 158°
Working Temperature Range °C	Ambient +5° to 70°C
Reservoir Capacity (gallons)	1.11
Reservoir Capacity (liters)	4.2
Reservoir Cover	Screw-on Cap
Cleanable Air Filter	Yes
Cleanable Fluid Filter	Yes

Pump Type	Turbine
Pump Speed	Constant, Single Speed
Process Connections	1/2" (F) NPT
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)	20.5 x 15 x 22.3 in
Overall Dimensions (L x W x H) (cm)	52 x 38.1 x 54.6 cm
Shipping Weight (pounds)	132.0
Shipping Weight (kilograms)	59.9
Catalog Page Number	107

60 Hz Only

Part Number	3370TBA11B
Maximum Pressure (psi)	62.0
Maximum Pressure (bar)	4.30
Maximum Pressure Flow Rate (gpm)	5.40
Maximum Pressure Flow Rate (l/min)	20.5
Cooling Capacity @ 20°C (W)	500 based on 2°C ?T 1000 based on 4°C ?T 2000 based on 8°C ?T 3000 based on 10°C ?T 4000 based on 11°C ?T ?T = Process water temperature - ambient air temperature
Included Hardware	Two sets of Inlet/Outlet Adapters: ½ inch male NPT, 5/8 inch male NPT
Electrical Requirements (VAC/Hz/Ph/A)	120/60/1/5.5
Regulatory Approvals	TUV

50 Hz Only

Part Number	3370TBA12E
Maximum Pressure (psi)	50.0
Maximum Pressure (bar)	3.40
Maximum Pressure Flow Rate (gpm)	4.50
Maximum Pressure Flow Rate (l/min)	17.1

Cooling Capacity @ 20°C (W)	500 based on 2°C ?T 1000 based on 4°C ?T 2000 based on 8°C ?T 3000 based on 10°C ?T 4000 based on 11°C ?T ?T = Process water temperature - ambient air temperature
Included Hardware	Two sets of Inlet/Outlet Adapters: ½ inch male NPT, 5/8 inch male NPT
Electrical Requirements (VAC/Hz/Ph/A)	240/50/1/3
Regulatory Approvals	CE

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

*/

Source URL (modified on 08/05/2020 - 10:53): https://www.polyscience.com/chillers/model-3370-liquid-air-cooler-13-hp-turbine-pump