

## Model 3370 Liquid-to-Air Cooler, 1/3 HP Positive Displacement Pump



3370P9

### Key Specifications

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

### 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

<b>Temperature Range</b>	Ambient to 70°C
--------------------------	-----------------

<b>Cooling Capacity @ 20°C (W)</b>	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			
<b>Power Requirements (V/Hz)</b>	120/60	240/50	120/60	240/50
<b>Pump</b>	1/3 HP Positive Displacement		1/3HP Turbine Pump	
<b>Maximum Pressure psi (bar)</b>	100 (6.9)	100 (6.9)	62 (4.3)	50 (3.4)
<b>Maximum Flow gpm (l/min)</b>	2.4 (9.1)	2 (7.6)	5.4 (20.5)	4.5 (17.1)
<b>Part Number 120 VAC / 60Hz</b>	3370P9A11B		3370TBA11B	
<b>Part Number 240 VAC / 50Hz</b>	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	Positive Displacement
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	3370P9A11B
Maximum Pressure (psi)	100.0
Maximum Pressure (bar)	6.90
Maximum Pressure Flow Rate (gpm)	2.40
Maximum Pressure Flow Rate (l/min)	9.1
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)	120/60/1/5.5

---

Regulatory Approvals	TUV
----------------------	-----

## 50 Hz Only

---

Part Number	3370P9A12E
Maximum Pressure (psi)	100.0
Maximum Pressure (bar)	6.90
Maximum Pressure Flow Rate (gpm)	2.00
Maximum Pressure Flow Rate (l/min)	7.6
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

---

© 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 01/13/2016 - 07:29):** <https://www.polyscience.com/chillers/model-3370-liquid-air-cooler-13-hp-positive-displacement-pump>