

## New Compact Magnetic Drive Centrifugal Pumps

These compact, sealed centrifugal pumps deliver high flow rates at a very affordable price. The pulse-less operation is ideal for general transfer applications. Operate these pumps fully submerged or in open air. The magnetic-coupled pump head eliminates potential leaky shaft seals. The submersible motors are sealed with a thick epoxy coating allowing the motors to be completely submerged or operated in open air.

Select from several models with different flow rates. Vary the flow rate for all models by adjusting a valve on the discharge tubing. Continuous duty with thermal cutoffs. Polypropylene body, ceramic magnetic and Viton® o-ring. Do NOT run dry. 16" leads on air-cooled motors; 6-ft SJT with plug on submersible. One year warranty.

Select from pumps with Sealed, Submersible Motors or Open Air Motors



PC40.023

PC40.031

### SPECIAL FEATURES

Small, compact design with high flow rate.  
Seal-less magnetic drive pump for leak-free performance.  
Flow rates up to 5 GPM (19 LPM)  
Rugged plastic housing  
Chemical resistant construction.

### APPLICATIONS

Refrigeration Systems  
Photographic Equipment  
Bulk Fluid transfer  
Cooling Systems

### SPECIFICATIONS

	PC40.02X	PC40.03X
<b>Flow rates: (nom.):</b>	3 GPM (11.4 LPM)	5 GPM (18.5 LPM)
<b>Max. Discharge:</b>	4.6 ft hd (2.1 psig)	13 ft hd (2.7 m)
<b>Port Size (OD):</b>		
Inlet/Outlet	1/2" hb / 1/2"hb	3/8" npt(f) / 1/4"mpt
<b>Max Operating Temp:</b>		
Open Air Motor	87°C (190°F)	
Submersible Motor	55°C (130°F)	
<b>Ambient Fluid Temp:</b>	-10°C to max operating temp.	
<b>Wetted Parts::</b>	Epoxy body and SJT cord for subm.	
PC40.02X	PP, nylon, Buna N, 316SS spindle.	
PC40.03X	PP, ceramic spindle, Viton	
<b>Max. Viscosity:</b>	50 cPs	
<b>Power Req:</b>	115 or 230Vac, 50/60Hz	
<b>Current (Full Load):</b>	See ordering info.	
<b>Motor Type:</b>	Shaded pole	
<b>Dimensions (L x W x H) mm:</b>		
Open Air Motor	109 x 92 x 79	189 x 114 x 89
Submersible Motor	113 x 92 x 91	156 x 121 x 105
<b>Shpg Wt:</b>		
Open Air Motor	1 kg (2.3 lbs)	2 kg (4.5 lbs)
Submersible Motor	1.1 kg (2.5 lbs)	2.3 kg (5 lbs)

### PC40AC ORDERING INFORMATION

#### OPEN AIR MOTOR

**PC40.021** Pump, 3 GPM, 115Vac; 0.45A  
**PC40.022** Pump, 3 GPM, 230Vac; 0.25A  
**PC40.031** Pump, 5 GPM, 115Vac; 1.0A  
**PC40.032** Pump, 5 GPM, 230Vac; 0.5A

#### SEALED, SUBMERSIBLE MOTOR

**PC40.023** Pump, 3 GPM, 115Vac; 0.45A  
**PC40.024** Pump, 3 GPM, 230Vac; 0.25A  
**PC40.033** Pump, 5 GPM, 115Vac; 1.0A  
**PC40.034** Pump, 5 GPM, 230Vac; 0.5A

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