

HYDROMATIC® B-A1/BV-A1 SUBMERSIBLE SUMP PUMP

Engineered for many years of maintenance free operation

Features

- The 1/4 HP, 3450 rpm motor powers the vane type semiopen impeller for high efficiency
- Available with wide angle or vertical switch
- Oil-filled motor for superior heat dissipation and continuous lubrication
- Mechanical shaft seal assures reliable operation
- High-impact thermoplastic cap and base
- Corrosion resistant



B-A1



BV-A1



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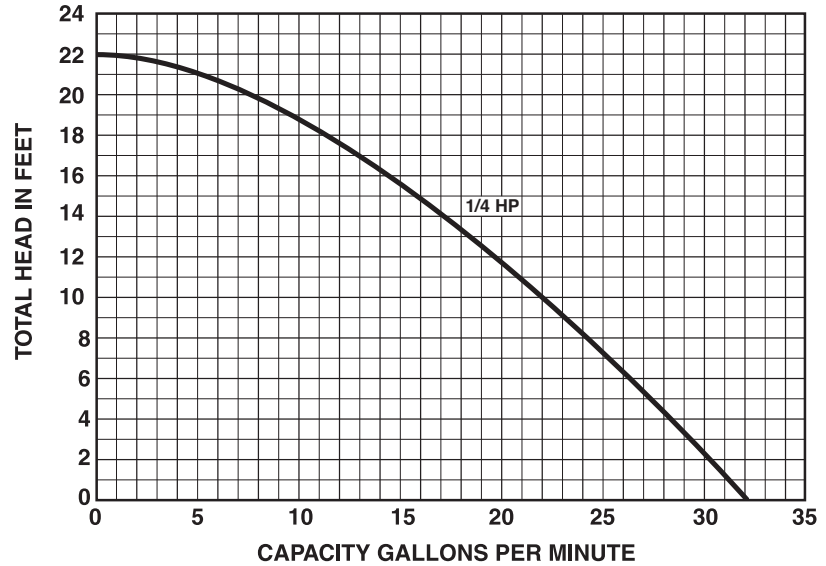
Pump Characteristics

Pump/Motor Unit	Submersible	
Automatic Model	B-A1	BV-A1
Horsepower	1/4	
Full Load Amps	6.5	
Motor Type	PSC	
R.P.M.	3450	
Phase Ø	1	
Voltage	115	
Hertz	60	
Temperature	105°	
Insulation	Class A	
Discharge Size	1-1/2" NPT	
Solids Handling	1/4"	
Unit Weight	15 lbs.	
Power Cord	SJTW, 10' std.	

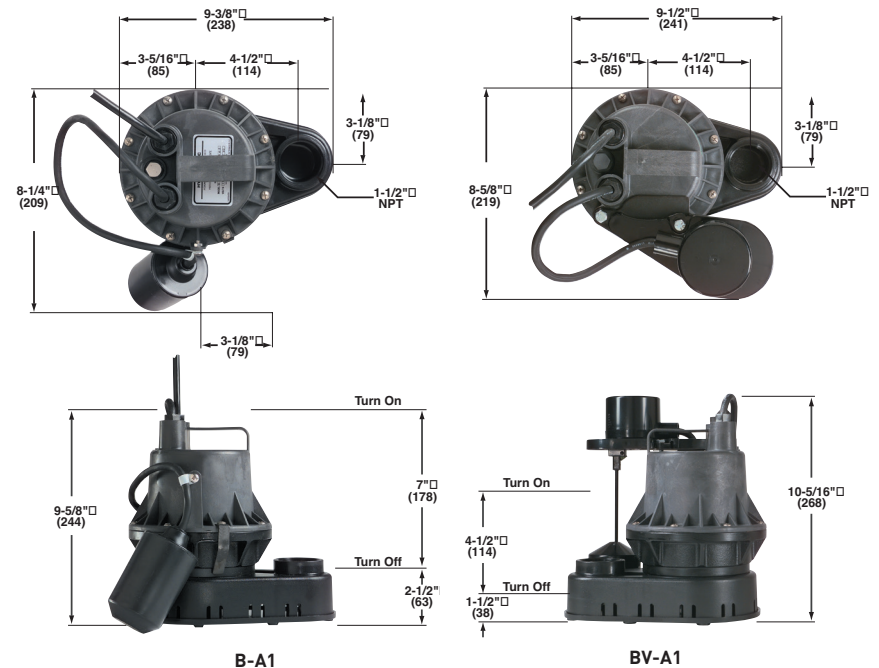
Materials of Construction

Part Name	Material
Handle	Thermoplastic
Lubricating Oil	Dielectric Oil
Motor Housing	Cast Iron
Pump Volute	Cast Iron
Shaft	Steel
Mechanical Shaft Seal	Seal Faces: Carbon/Ceramic Seal Body: Anodized Steel Spring: Stainless Steel Belows: Buna-N
Impeller	Thermoplastic
Upper Bearing	Ball Bearing
Lower Bearing	Ball Bearing
Fasteners	Stainless Steel

Performance Data



Dimensional Data



All dimensions in inches. Component dimensions may vary $\pm 1/8$ inch. Dimensional data not for construction purpose unless certified. Dimensions and weights are approximate. On/Off level adjustable. We reserve the right to make revisions to our product and their specifications without notice.



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Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.