

HYDROMATIC® SD50, SW50 & VS50 1/2 HP SUBMERSIBLE SUMP/EFFLUENT PUMP

Applications

- Basement sumps
- Septic tank effluent
- Industrial circulators
- Transfer tanks



VS50



SW50



Improved Diaphragm Switch

SD50



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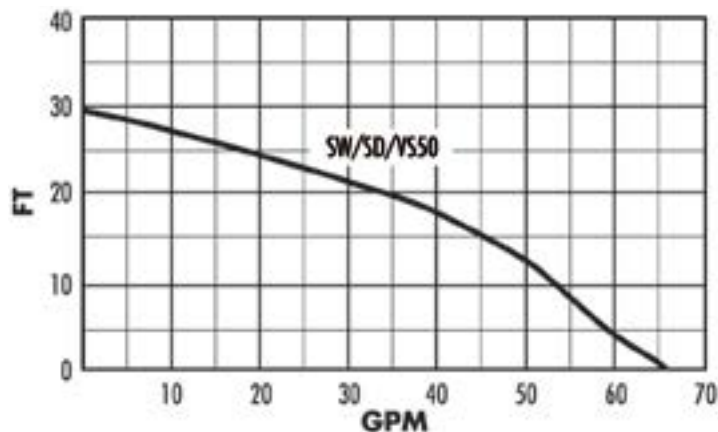
Pump Characteristics

Pump/Motor Unit	Submersible
Automatic Models	SW50, SD50, or VS50
Horsepower	1/2
Full Load Amps	12.6
Motor Type	Shaded Pole (4 Pole)
R.P.M.	1550
Phase	1Ø
Voltage	115
Hertz	60
Temperature	120° F Max. Fluid Temp.
NEMA Design	A
Insulation	Class B
Discharge Size	1-1/2" NPT
Solids Handling	3/4"
Weight	28 lbs.
Power Cord	18/3, SJTW, 10' or 20' std

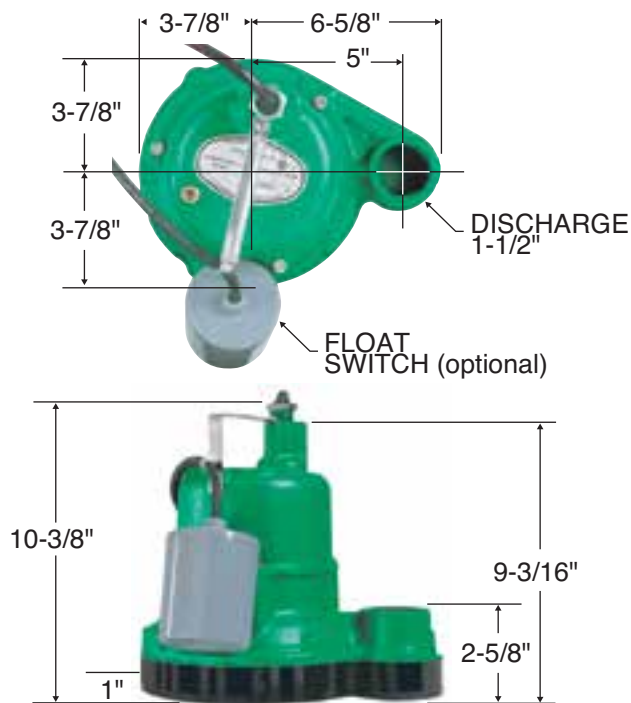
Materials of Construction

Handle	Stainless Steel
Lubricating Oil	Dielectric Oil
Motor Housing	Cast Iron
Pump Casing	Cast Iron
Shaft	Steel
Mechanical Shaft Seal	Seal Faces: Carbon/Ceramic
	Seal Body: Anodized Steel
	Spring: Stainless Steel
	Bellows: Buna-N
Impeller	Engineered Thermoplastic
Upper Bearing	Bronze Sleeve Bearing
Lower Bearing	Single Row Ball Bearing
Bottom Plate	Polyester Coated Steel
Fasteners	Stainless Steel
Strainer Base	Engineered Thermoplastic

Performance Data



Dimensional Data



All dimensions in inches. Metric for international use. 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.



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