

SUMP PUMPS

W-A1/D-A1 & V-A1

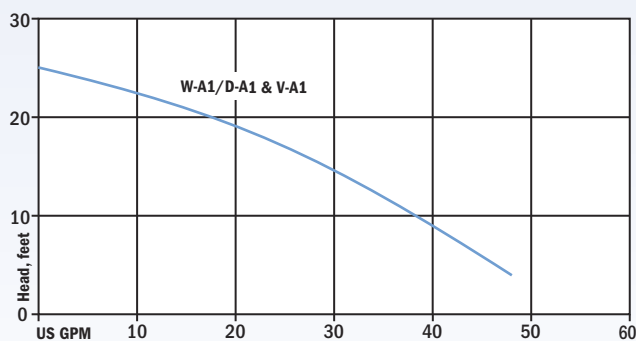
The most popular series of Hydromatic submersible sump pumps

Typical Application	Basement sumps, dewatering
Capacities	up to 48 GPM (2.8 LPS)
Heads	up to 25 ft. (7.6 m)
Electrical	115V, 1Ø, 8 FLA, 60Hz
Motor	3/10 HP shaded pole w/thermal overload protection 1550 RPM
Intermittent Liquid Temperature	120°F (49°C)
Minimum Recommended Sump Diameter	D-A1 = 12" (304.8 mm) W-A1 = 18" (457.2 mm) V-A1 = 12" (304.8 mm)
Automatic Operation	W = Wide-angle float switch D = Diaphragm pressure switch V = Vertical float switch
Materials of Construction	Cast iron and engineered thermoplastic
Impeller	Thermoplastic vortex
Discharge Size	1-1/2" NPT (38.1 mm)
Solids Handling	1/2" (12.7 mm)
Power Cord	10' SJTW (20' optional)

Superior Features

- Carbon/Ceramic mechanical seal
- Oil-filled motor with automatic reset thermal overload
- Uses single-row ball-bearing construction
- Piggyback plug available for easy maintenance and replacement

Performance



W-A1

Wide-Angle
Float Switch



D-A1

Diaphragm
Pressure
Switch



V-A1

Vertical
Float Switch