

Take Control.
ION
Systems



JSP11

Preassembled Sump & Battery Backup System

- All-in-one system with primary and backup pump
- Comes completely assembled with pumps and valves pre-plumbed
- Simply drop into your existing basin and make one discharge connection
- 3 year warranty



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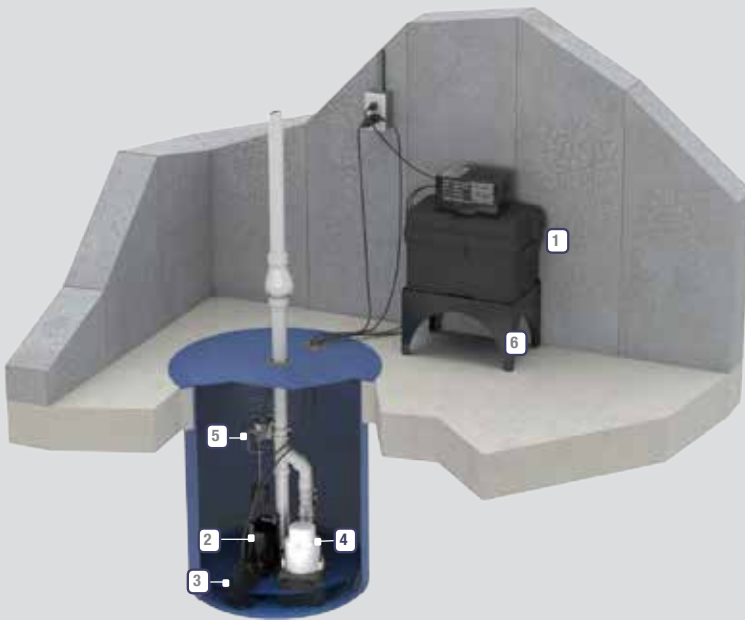
Patent No. 8,591,198

Preassembled Sump & Battery Backup System

Primary Pump Specifications

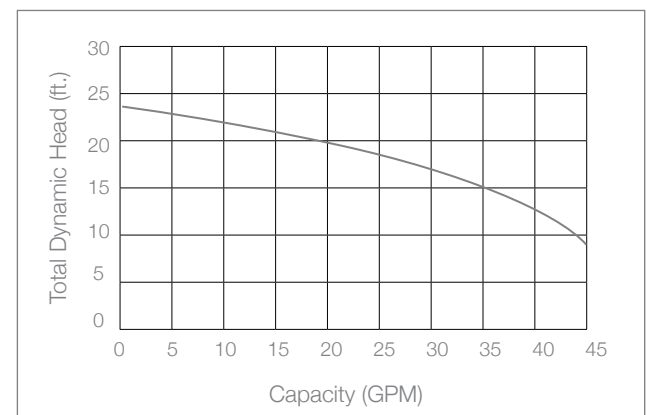
Typical Applications	<ul style="list-style-type: none"> • Residential sump • Dewatering
Maximum Capacity	Up to 45 GPM
Maximum Head	Up to 24'
Electrical Data	115 V, 1 Ø, 4 FLA, 60 Hz
Motor Data	1/3 HP, PSC, high efficiency motor with thermal overload protection, 3450 RPM
Recommended Minimum Basin Size	18" x 24"
Automatic Operation	i: Ion Digital Level Control
Materials of Construction	Cast iron and engineered thermoplastic
Impeller	Thermoplastic vortex
Power Cord	10' Standard
Discharge	1½" NPT
Solids Handling	½"

Typical Installation Diagram



1. Battery box with DC charger
2. 1/3 HP primary pump
3. Ion® digital level control switch
4. Backup pump
5. Backup vertical switch
6. Stand (optional)

Pump Performance



Battery Backup System Features

- Primary pump with high efficiency oil filled motor that uses half the power of most 1/3 HP pumps
- Piggyback Ion digital level control primary switch with no moving parts
- High quality 2100DC battery backup pump rated for 2,100 GPH
- Backup pump base keeps the pump off the bottom of the basin to avoid clogging from debris
- Heavy duty adjustable vertical backup float switch for maximum reliability
- Solid state 8 amp charger unit with 5 charging stages automatically switches to DC mode when power is out
- Built-in audible alarm and indicator lights on charger for added protection
- Uses one 12 volt deep cycle AGM battery (battery is NOT included)
- 1½" Sch. 40 PVC piping
- Check valve on each pump
- 3 year warranty