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ION
Technologies

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JSPIII

3 YEAR
WARRANTY



Preassembled Sump & Battery Backup Systems

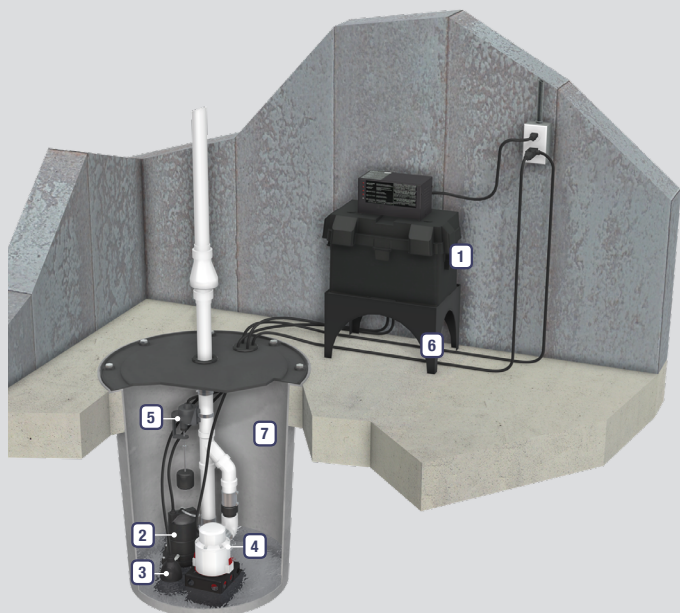
- All-in-one system with primary and backup pump
- Comes completely assembled with pumps and valves pre-plumbed
- Simply drop into your existing basin and make one discharge connection
- 3 year warranty
- Part Number: MKP20291



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Patent No. 8,591,198,
9,033,686 and 9,680,401

Typical Installation Diagram

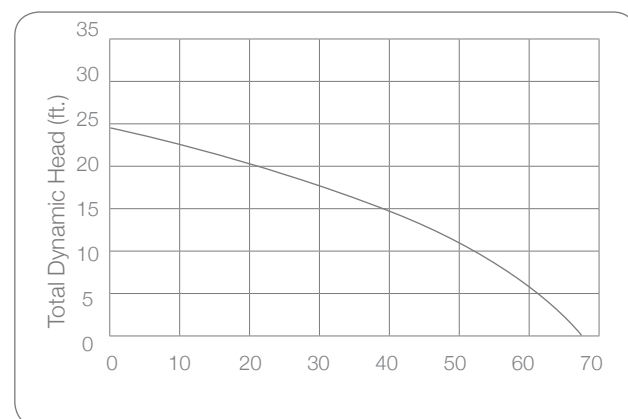


1. Battery box with DC charger
2. 1/3 HP primary pump
3. Ion® digital level control switch
4. Backup pump
5. Backup vertical switch
6. Stand (optional)
7. Recommended minimum basin size: 18" x 24" (not included)

Primary Pump Specifications

Maximum Capacity	Up to 68 GPM
Maximum Head	Up to 25'
Electrical Data	115 V, 1 Ø, 4.5 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"
Materials of Construction	Cast iron and stainless steel
Impeller	Thermoplastic vortex
Power Cord	10' Standard
Discharge	1-1/2" NPT
Solids Handling	1/2"

Primary Pump Performances



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)
- 1-1/2" schedule 40 PVC piping
- Check valve on each pump and a combination valve on the main discharge
- 3 year warranty