



A division of Metropolitan Industries, Inc.



ION® Endeavor

1 YEAR
WARRANTY



Smart Controller and Sensors

- Three model options
- First of a kind 115 or 230 volt standard plug in receptacle, dual pump run and alternating controller for residential and commercial applications
- Ion® sensors communicate with controller to provide controller based turn on level adjustment from 2.5" to 72" for optimal pump operation
- Track critical information through the panel based display, including switch failure, pump amp draw, water level, and more



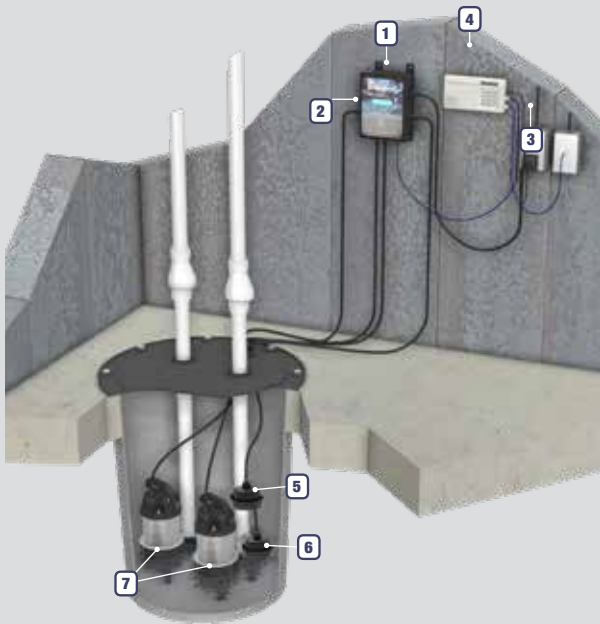
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Patent No. 8,591,198, 9,033,686,
9,680,401, 8,907,789 and 9,958,878

Ion® Endeavor

Smart Controller and Sensors

Typical Installation Diagram



1. Ion® Endeavor
2. Pump outlets
3. Power cord
4. Dialer (optional)
5. High water sensor
6. Digital level sensor
7. Pumps (optional)

Controller Options

	Endeavor Power Plug Configuration	Dedicated Supporting Wall Receptacle Needed
Model 100-15 operates two (2) 120 VAC, single-phase pumps, up to 12 amps total	 115 V, 15 A	 115 V, 15 A
Model 100-20 operates two (2) 120 VAC, single-phase pumps, up to 16 amps total	 115 V, 20 A	 115 V, 20 A
Model 200-15 operates two (2) 208-240 VAC single-phase pumps, up to 12 amps total	 230 V, 15 A	 230 V, 15 A

System Specifications

- Featuring Ion® digital level sensors
 - First of its kind solid-state sensing technology with no moving parts
 - Multipoint sealing mechanism that supersedes single surface seals
- Simultaneously operates two (2) single-phase plug in pumps together when required
- Automatic pump alternation based on duty cycle and/or pump availability
- Clean & safe operation
- Microprocessor based process controls continually monitor system
- Dry digital contact for common alarm, allows remote monitoring
- Sensors available with 10' or 20' cords
- 3 year warranty