

Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.

PUMP COMPANY

Zoeller Family of Water Solutions™

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www.zoeller.com

THE BASEMENT SENTRY® SERIES 12 VOLT BACKUP SUMP PUMP SYSTEMS MODEL 507

“Takes over where other systems quit”

APPLICATION:

For clear water, emergency backup usage when power is off or the primary pump(s) fail.

No other system offers the reliability and protection provided by the Basement Sentry®

EXTRA PROTECTION : When the primary AC pump fails due to power outages:

- Storms
- Brownouts
- Wiring or electrical problems

When the primary pump fails due to damage, mechanical malfunction or obstructions in the pit.

When the primary pump fails to keep up with excessive water due to rain or overloading.

FEATURES:

Zoeller's time-tested design gives you the needed performance and reliability.

PUMP: 12 volt highly efficient with noncorrosive pump construction. Supplied with 6' leads.

CONTROL BOX: Includes battery burn-out and overcharge protection. The self contained 10 amp battery recharger system is a solid state automatic controller with alarms, light indicators and warning systems.

LCD SCREEN: Always displays battery voltage along with other helpful information about the system.

LED LIGHT INDICATORS:

- **AC Power** - blinks red when power is out
- **Charged** - green indicates battery is fully charged
- **Charging** - yellow indicates power is going to battery
- **Low Battery** - red light blinks when below 10.8 volts and rapidly blinks when below 8.4 volts
- **High Water** - yellow light will blink when the float is activated, and becomes solid after 3 seconds
- **Alarm Off** - yellow light indicates the buzzer is currently silenced

ALARMS:

- High Water
- Reverse Polarity
- Low Battery

BUTTONS:

- Scroll - display information on the system such as DC pump cycles and power outages
- Alarm Reset - press to reset alarms. **Press and hold for three seconds for 24-hour buzzer silence**

AUXILIARY ALARM CONTACT: A set of dry contacts allows system to connect to alarm settings, auto dialers, etc.

CONTROL DEVICE: Reliable, low voltage float switch


BATTERY CASE: The included battery case will accommodate maximum battery dimensions of 13" L x 7-1/2" W x 9-1/2" H and fits all group size 27, 29 and 31 batteries. Made from noncorrodible polyethylene. To use multiple batteries, order extra battery case with hookup wire (P/N 007861).

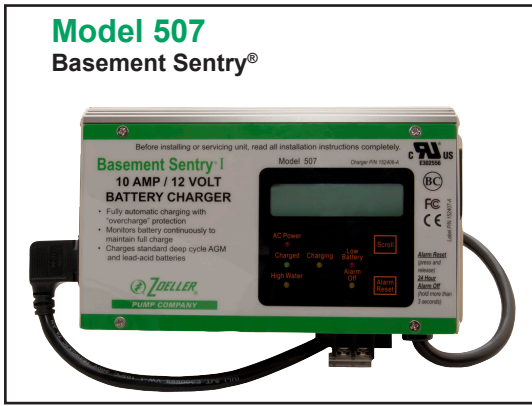
**PRIMARY
SUMP PUMP
NOT INCLUDED
WITH MODEL 507**



Product may not be exactly as shown. For preassembled systems, order a Pro Pak.

FITTINGS: Includes an internal check valve in the discharge tee and includes an additional check valve with integral weep hole adaptable to 1-1/2" pipe.

TECHNOLOGY: This charger uses the latest switch mode technology available. This allows for an extremely efficient charger in a compact design. It satisfies the rigid California Battery Council standards. (B.C.) This charger is also  approved.

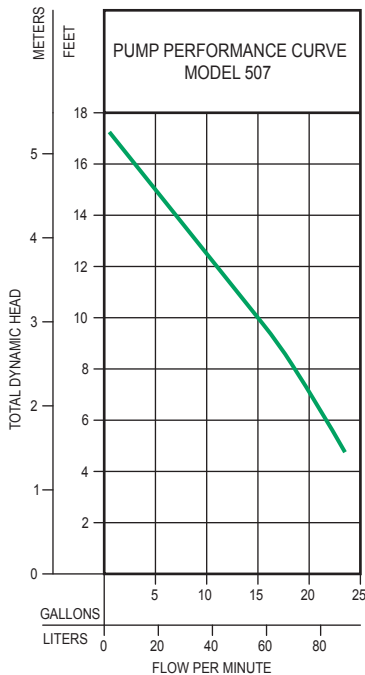


WARRANTY - 12-months from date of installation or 18-months from date of manufacture. However the 12-month warranty is extended to 36-months with the purchase of an Aquanot® Battery by Zoeller. NOTE: Three-year limited warranty is valid only when a complete system is purchased and used as a backup to a primary dewatering system. A complete system includes a Model 507 and an Aquanot® Battery. To validate warranty, the warranty card (FM1679) included with a Basement Sentry® Pump must be filled out and returned to the factory.

BATTERY LIFE - The estimated life of a fully charged (175 minute reserve capacity) battery when the pump is operating continuously is approximately 7½ hours. Example: the pump's capacity at 10 ft. head is 900 GPH. Most backup systems require intermittent pump operation. The system will provide protection for extended periods of time dependent upon stop-start requirements.

PERFORMANCE DATA - Pump performance is based on the use of a fully charged 12 volt, (200-minute reserve capacity) deep-cycle battery with no deficiency and less than two years old.

- AQUANOT® BATTERY**
- Size 31 "Wet" P/N 10-0761 (69 lbs.) (shipped via truckline only)
200 minute reserve capacity
 - Size 27 "AGM" P/N 10-1450 (66 lbs.)
175-minute reserve capacity



*Minimum battery requirements:
deep-cycle, size 27, 175 minute
reserve capacity.*

TOTAL DYNAMIC HEAD/FLOW
PER MINUTE
EFFLUENT AND DEWATERING

MODEL		507	
Feet	Meters	Gal.	Liters
5	1.5	23	87
10	3.0	15	57
15	4.6	5	19
Shut-off Head:		17.5 ft.(5.3m)	

009932

NOTE: Above performance chart based upon actual performance achieved with a 12 volt deep-cycle battery. Some manufacturers publish performance data based upon D.C. Pump testing according to Marine Industry standards which can reflect a performance of 40% - 80% higher than actual battery powered performance.

Shipping weight: 13.4 lbs.

NOTE: Not recommended for installation with over 15 ft. Total Dynamic Head.

CAUTIONS: See FM1311 (Model 507) Installation Instructions.

*Minimum pit size requirements: 18" diameter X 24" deep.
For 18" x 22" applications, consult factory.*



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