

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

PUMP COMPANY

Zoeller Family of Water Solutions™

MAIL TO: P.O. BOX 16347 • Louisville, KY 40256-0347
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(502) 778-2731 • 1 (800) 928-PUMP • FAX (502) 774-3624

visit our web site:
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 during interruption of AC power or because of primary pump(s) failure of insufficient capacity.

FEATURES:

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

PUMP: 12 volt highly efficient with noncorrodible 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 home security systems, auto dialers, etc.

CONTROL DEVICE: Reliable, low voltage vertical 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 hook up wire (P/N 007861).

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. (BC) This charger is also  approved.

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



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



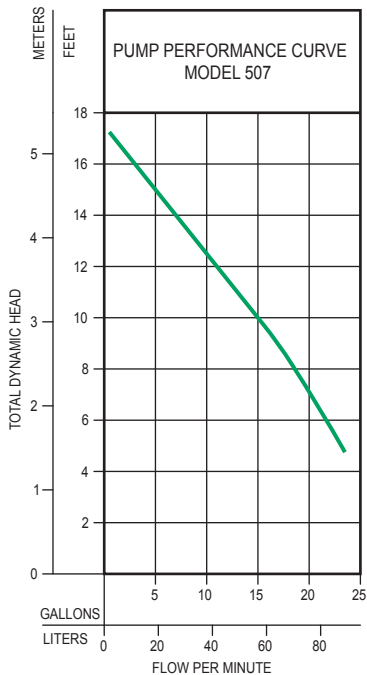
P/N 10-1450 - AGM (shown)
P/N 10-0761 - Wet

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.

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.

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

Shipping weight: 13.4 lbs.

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

CAUTIONS: See FM1311 (Model 507) Installation Instructions.



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