

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

PUMP COMPANY

Zoeller Family of Water Solutions™

TECHNICAL DATA SHEET

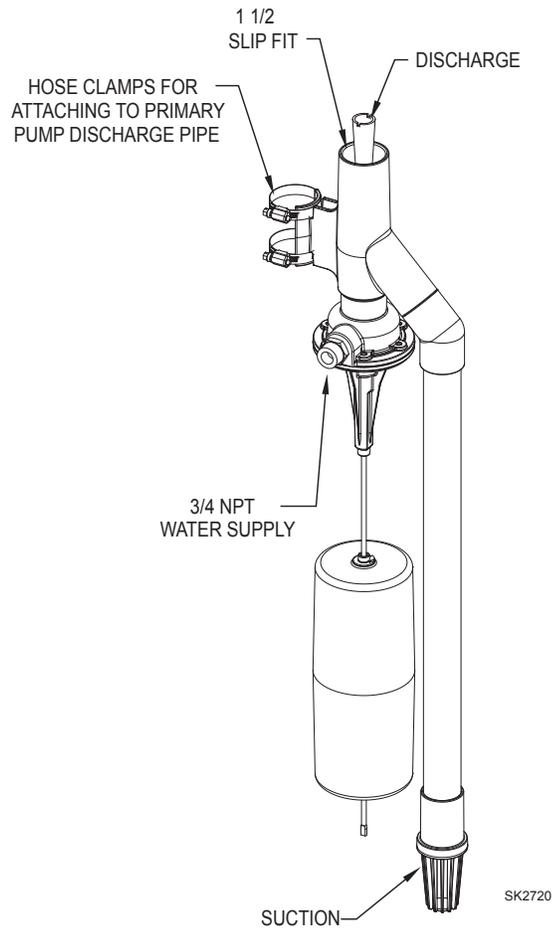
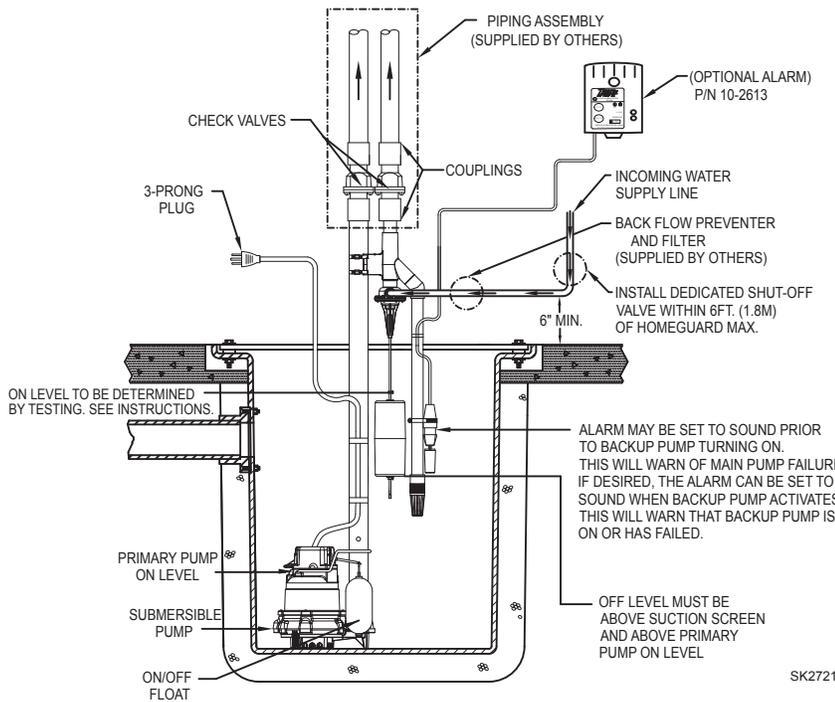
HOME GUARD
MAX

Water-Powered Emergency Backup Sump Pump System

PRODUCT SPECIFICATIONS

- No electricity required
- Works during power failures
- No battery
- Can be used with any existing brand of sump pump
- Preassembled
- Works in 18"x 22" (45.72 x 55.88 cm)
- 3/4" inlet piping connection
- Includes push-to-connect fitting (field installed)
- Performs at operating pressures from 20 to 80 psi - municipal / city water pressure
- Removes up to 2 gallons (7.6 L) per gallon (3.8 L) used
- PVC construction

TYPICAL INSTALLATION



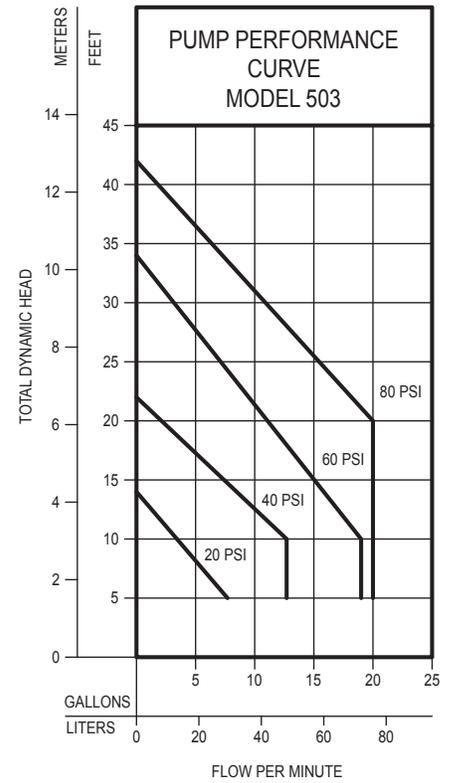
NOTE: This product is not intended for use as a primary water removal unit.



TOTAL DYNAMIC HEAD FLOW PER MINUTE

MODEL		503							
		20 PSI		40 PSI		60 PSI		80 PSI	
Feet	Meters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters
5	1.5	7.7	29.1	12.7	48.1	19.0	72.0	20.0	75.7
10	3.0	3.4	12.9	12.7	48.1	19.0	72.0	20.0	75.7
15	4.6	–	–	7.4	28.0	15.0	56.8	20.0	75.7
20	6.1	–	–	2.0	7.6	11.1	42.0	20.0	75.7
25	7.6	–	–	–	–	7.1	26.9	15.3	57.9
30	9.1	–	–	–	–	3.2	12.1	10.9	41.3
35	10.7	–	–	–	–	–	–	6.4	24.2
40	12.2	–	–	–	–	–	–	1.8	6.8
Shut-off Head:		14.0 ft. (4.3m)		22.0 ft. (6.7m)		34.0 ft. (10.4m)		42.0 ft. (12.8m)	

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Pump capacity varies due to: Inlet Water Pressure, Working Water Pressure, Discharge Elevation, Number of Pipe Fittings, Inlet and Outlet Pipe Size, Fluid Viscosity, Degree of Water Clarity, Water Temperature. The flow rates in the chart are approximate values.

NOTE: Some districts may require a reduced pressure principle backflow preventer per ASSE Standards 1013. Check Local Codes.

⚠ CAUTION All installation of controls, protection devices and wiring should be done by a qualified licensed electrician. All electrical and safety codes should be followed including the most recent National Electrical Code (NEC) and the Occupational Safety and Health Act (OSHA).