

THERMOPLASTIC

Emergency Backup Sump Pump System

12
VOLT

FEATURES

- Efficient 12 Volt DC motor
- Reinforced thermoplastic pump base and housing for durability
- Hermetically sealed, motor
- Non-clogging reinforced thermoplastic impeller
- 1-1/4" & 1-1/2" NPT discharge
- Handles up to 1/8" solids
- Stainless steel motor shaft
- Stainless steel fasteners
- Carbon/ceramic/stainless steel mechanical shaft seal
- Upper and lower permanently lubricated ball bearings
- Automatic operation with vertical float switch
- Thermoplastic battery box
- 2 amp battery charger with overcharge protection
- 87 decibel alarm with mute feature
- Includes full flow check valve & mounting hardware
- Every unit is 100% pressure tested

3 YEAR
LIMITED WARRANTY



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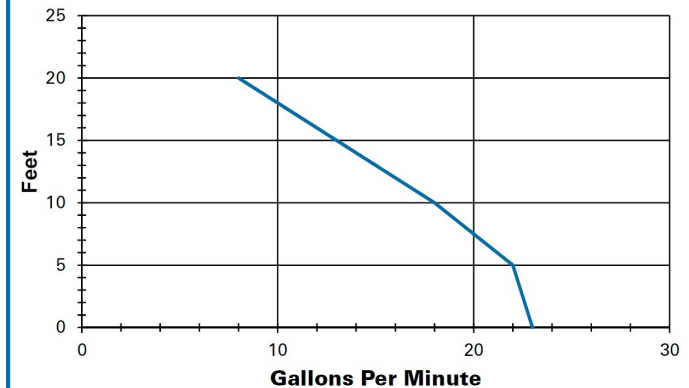
12
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Application	
For emergency backup usage during power outage, primary pump overloading or malfunction. For clear water only.	
Motor Specifications	
Voltage	12 Volt DC
Amps	12
Motor Type	12 Volt DC brush type
Duty Rating	Intermittent
Shaft Seal	Carbon/ceramic and stainless steel
Motor Shaft	Stainless Steel
Upper Motor Bearing	Ball Bearing
Lower Motor Bearing	Ball Bearing
Pump Specifications	
Discharge Size	1-1/4" & 1-1/2" NPT
Cord Length	10'
Cord Type	SJTW, UL listed, 2-wire, 18 gauge
Pump Housing	Reinforced Thermoplastic
Pump Base	Reinforced Thermoplastic
Impeller Material	Reinforced Thermoplastic
Impeller Type	Non-clogging
Gasket	Buna-N
Solids Handling	1/8" spherical
Liquid Temp. Range	32°- 120° F
Operation	Automatic
Fasteners	Stainless steel
Max Flow Rate	23 Gallons per minute
Maximum Head	20 Feet
Max Pressure	8.6 Psi
Weight	6.7 lbs
Automatic Switch Specifications	
Type	SJE Rhombus Vertical Master II
Mounting Bracket	Stainless steel with stainless steel clamp
Switch on point	Adjustable
Switch off point	Adjustable
Material	High impact PVC
Cord Length	10'
Cord Type	SJOW, UL listed, 2-wire, 18 gauge
Other Specifications	
Alarm Rating	87 decibels
Charging System	2 amp charger with overcharge protection
Battery Requirement*	12 volt, deep cycle. Minimum 70 Ah recommend.
Battery Size*	Battery box will accommodate size 24 & 27 batteries
Fuse	20 amp
Check Valve	Full flow design

*Battery sold separately

Performances



Discharge Height	0'	5'	10'	15'	20'
Gallons Per Minute	23	22	18	13	8
Gallons Per Hour	1380	1320	1080	780	480

Dimensions

