

HYDROMATIC[®] BATTERY BACKUP SUMP PUMP SYSTEM



VIRTUAL
WATERASSISTANT™ 

Constantly monitors system conditions and alerts the homeowner (by cellphone or computer) when the basement is in danger of flooding.

Battery Backup Sump Pump Systems

Almost every house needs a sump pump and many home owners invest in expensive basement waterproofing systems. But with heavy rains, lightning or icing weighing on power lines, it could create damage and a loss of electricity to the house, including the sump pump.

The Hydromatic® Battery Backup Sump Pump System will help protect the basement from water damage by kicking into action during power outages or primary sump pump failures. Most home buyers don't think about their sump pump, but when the consequences of unexpected pump failures are understood, the solution from Hydromatic will assist them in making the right decision.

Hydromatic offers multiple options for the home owner. No matter which package they choose, the home owner will feel more secure knowing their sump pump has a Hydromatic Battery Backup Sump Pump System.







The cloud-based technology continually monitors the backup system and sends text or email alerts if problems are detected. For more information, go to VirtualWaterAssistant.com.



Installed by professionals like you with the Hydromatic Virtual Water Assistant for remote monitoring.

Selection Guide

Position:	CLASSIC SERIES		PREMIUM SERIES	
Model:	FG-2200	FG-2200C	FG-3100RF	FG-3100RC
Battery Backup Sump Pump System				
Value	A must for those installations where an inoperative sump pump can not be tolerated.	Pre-Plumbed unit with check valves, primary pump and secondary pump used in the event of a power failure in a residential application.	Designed to backup existing residential sump pumps in case of a power failure and one year free of Virtual Water Assistant to monitor the system conditions.	Pre-Plumbed unit with check valves, primary pump and secondary pump used in the event of a power failure in a residential application and one year free of Virtual Water Assistant to monitor the system conditions.
Features and Benefits	<p>Smart Charging Technology - Recharges battery up to 5X faster and extends battery life.</p> <p>High Performance Secondary Pump</p> <p>Dual Battery Capacity</p>	<p>Pre-Plumbed - For Easy Installation.</p> <p>Smart Charging Technology - Recharges battery up to 5X faster and extends battery life.</p> <p>Dual Battery Capacity - Provides extended run time.</p> <p>Dependable 1/3HP Primary Pump features a vertical float switch and: - A thermal overload protection with an automatic reset for reliability. - A double lip shaft seal for long life. - Energy efficient PSC motor in a zinc alloy metal housing. - Rugged cast iron volute case with raised inlet.</p>	<p>Remote Monitoring - For Peace of Mind with Virtual Water Assistant.</p> <p>Smart Charging Technology - Recharges battery up to 5X faster and extends battery life.</p> <p>High Performance Secondary Pump</p> <p>Dual Battery Capacity</p>	<p>Pre-Plumbed - For Easy Installation.</p> <p>Remote Monitoring - For Peace of Mind with Virtual Water Assistant.</p> <p>Smart Charging Technology - Recharges battery up to 5X faster and extends battery life.</p> <p>Dual Battery Capacity - Provides extended run time.</p> <p>Dependable 1/2HP Primary Pump features a vertical float switch and: - A thermal overload protection with an automatic reset for reliability. - A double lip shaft seal for long life. - Energy efficient PSC motor in a zinc alloy metal housing. - Rugged cast iron volute case with raised inlet.</p>
Virtual Water Assistant	Not Available		Allows homeowners to remotely test and monitor their system.	
Items Included	One Secondary Pump, Reed Activation Switch, 1-1/4" NPT to 1-1/2" PVC elbow, AC power supply and Integrated Control Panel Battery Case. Check Valve and Battery Not Included. Sold Separately.	A Pre-Plumbed unit assembled for quick installations. Unit available with one primary 1/3HP sump pump with check valve and vertical float switch; One secondary pump with check valve and Reed activation switch, 90° Elbow and pre-plumbed wye piping. Integrated control panel battery case. Battery Sold Separately.	One Secondary Pump, Reed Activation Switch, 1-1/4" NPT to 1-1/2" PVC elbow, AC power supply, gateway unit and Integrated Control Panel Battery Case. Check Valve and Battery Not Included. Sold Separately.	A Pre-Plumbed unit assembled for quick installations. Unit available with one primary 1/2HP sump pump with check valve and vertical float switch; One secondary pump with check valve and Reed activation switch, gateway unit, 90° Elbow and pre-plumbed wye piping. Integrated control panel battery case. Battery Sold Separately.
Max Flow*	34 GPM		46 GPM	
Max Head*	13 Ft.		15 Ft.	
Charger	2.0A Charger			
Battery Type	Compatible with flooded and sealed AGM deep cycle batteries. For best performance use Hydromatic® BAT40, BAT75 or BAT100 sealed AGM batteries.			
Warranty	1 Year		2 Year	

* Pump performance based on using the BAT40 and BAT75 batteries.

Superior Features

Wireless Internet Connectivity

- Feature-Rich Web and Mobile Interface.
- 2 Way Communication – Issue Test Cycles and Receive Confirmations.
- Proactive Text and E-Mail Alerts Delivered to the Homeowner, the Plumber, or Family Member.
- Easy Setup

Smart Charging Technology

- Maintains Optimal Battery Life and Performance.
- 5X Faster Recharging Than Competition.

Dependable Reed Switch

- Compact Design Eliminates Interference With Primary Pump Switch.
- Easy To Install



Model: FG-2200



Models: FG-2200C, FG-3100RF, and FG-3100RC

Visual reference only. Refer to owner's manuals for installation.

MODEL	PERFORMANCE (GPM)					MAX LIFT	SOLIDS HANDLING	VOLTAGE
	0'	5'	10'	15'	20'			
FG-2200	34	23	10	-	-	13	3/16" For Secondary Pump	12V DC For Secondary Pump
FG-3100RF	45	34	21	-	-	15		
FG-2200C Pre-Plumbed Combo Unit	60	53	45	36	24	25 Primary Pump	1/4" For Primary Pump and 3/16" For Secondary Pump	115VAC For Primary Pump and 12V DC For Secondary Pump
FG-3100RC Pre-Plumbed Combo Unit	75	66	56	44	28			



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