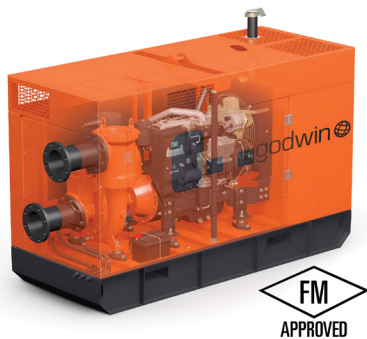


Godwin FP100 Dri-Prime® Pump



Floods are the single most costly natural hazard for businesses. Godwin FP Dri-Prime® Flood Protection Series pumps are specifically designed to help you confidently face the challenge of destructive floods.

The Godwin FP100 Dri-Prime pump is FM approved to help protect commercial and industrial properties from damage or loss due to flooding from severe weather events. (Approval Identification: 3054115).

The FP100 is primed automatically and its unique mechanical seal design allows the pump to run dry indefinitely. The pump removes water at up to 907 USGPM, and is reliable over a wide range of conditions.

Specifications

Suction connection	4" 125# ANSI B16.1 flange
Delivery connection	4" 125# ANSI B16.1 flange
Max capacity	907 USGPM †
Max impeller diameter	9.1"
Max solids handling	1.5"
Max operating temp	176 °F *
Max working pressure	46 psi
Max suction pressure	41 psi
Max casing pressure	92 psi
Max operating speed	2000 rpm

* Please contact our office for applications in excess of 176°F.

† Larger diameter pipes may be required for maximum flows.

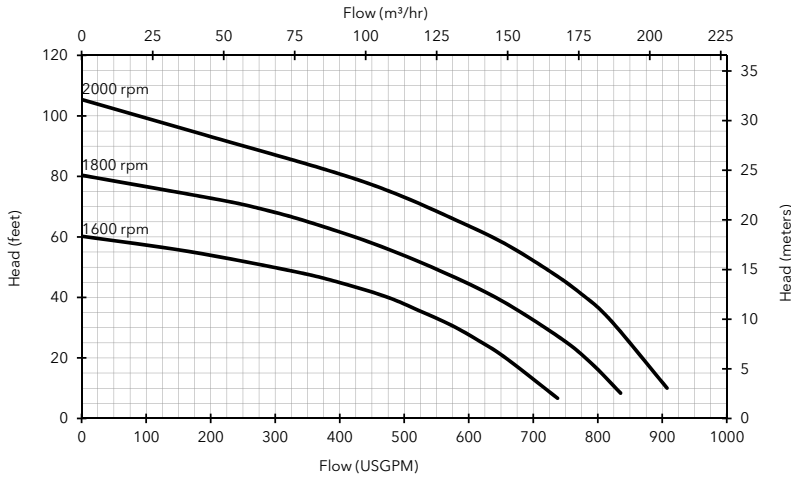
Features and benefits

- Simple maintenance normally limited to checking fluid levels and filters.
- Dri-Prime (continuously operated Venturi air ejector priming device) requiring no periodic adjustment. Venturi has no moving parts for simple, reliable operation.
- Dry-running high pressure liquid bath mechanical seal with high abrasion resistant solid silicon carbide faces.
- Close-coupled centrifugal pump with Dri-Prime system coupled to a diesel engine or electric motor.
- All cast iron construction with cast steel impeller.
- Open set or sound attenuated enclosure available.
- Optional remote monitoring & control through Godwin Field Smart Technology.
- Standard engine Yanmar 3TNV88B (IT4 Emergency Standby).

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Performance curve

Pump curve is based on 0ft (0m) dynamic suction lift.



Suction lift table

Speed	Suction Lift 25'						TDH
	30	38	43	45	50	-	
1600	319	316	316	268	235	-	Flow
	30	38	43	45	55	-	TDH
1800	337	332	333	298	297	-	Flow
	32	38	47	52	65	-	TDH
2000	354	351	325	326	301	-	Flow

Performance data provided in tables is based on water tests at sea level and 68°F ambient. All information is approximate and for general guidance only. Please contact the factory or office for further details.

Materials

Pump casing	Cast iron BS EN 1561 - 1997
Wearplates	Cast iron BS EN 1561 - 1997
Pump shaft	Carbon steel BS 970 - 1991 817M40T
Impeller	Cast Steel BS3100 A5 Hardness to 200 HB Brinell
Non-return valve body	Cast iron BS EN 1561 - 1997
Mechanical seal	Silicon carbide face; Viton elastomers; Stainless steel body

Engine

Yanmar 3TNV88B (IT4 Emergency Standby), 28 HP

Impeller diameter 9.1"

Pump speed 2000 rpm

Fuel capacity: 75 US Gal

Max Fuel consumption @ 2000 rpm: 1.5 US Gal/hr

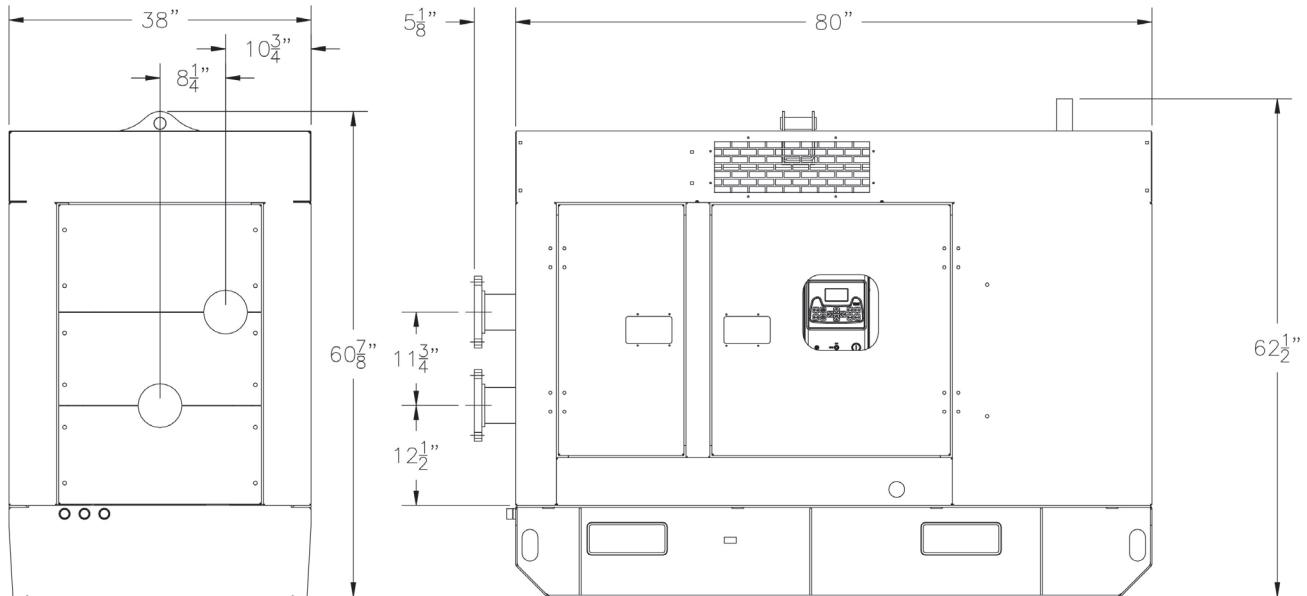
Max Fuel consumption @ 1800 rpm: 1.4 US Gal/hr

Weight (Dry): 2,630 lbs

Weight (Wet): 3,170 lbs

Dim.: (L) 85" x (W) 38" x (H) 63"

Please contact the factory or office for further details. A typical picture of the pump is shown. All information is approximate and for general guidance only.



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