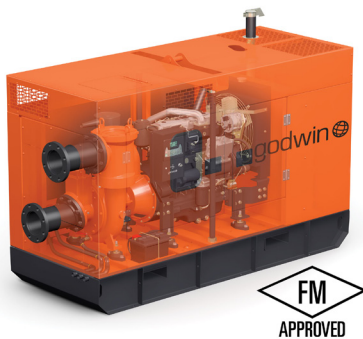


Godwin FP150 Dri-Prime® Pump



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 FP150 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 FP150 is primed automatically and its unique mechanical seal design allows the pump to run dry indefinitely. The pump removes water at up to 2,092 USGPM, and is reliable over a wide range of conditions.

Specifications

Suction connection	6" 150# ANSI B16.5 flange
Delivery connection	6" 150# ANSI B16.5 flange
Max capacity	2,092 USGPM †
Max impeller diameter	2.5"
Max solids handling	11.0"
Max operating temp	176°F*
Max working pressure	49 psi
Max suction pressure	58 psi
Max casing pressure	98 psi
Max operating speed	1800 rpm

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

† Larger diameter pipes may be required for maximum flows.

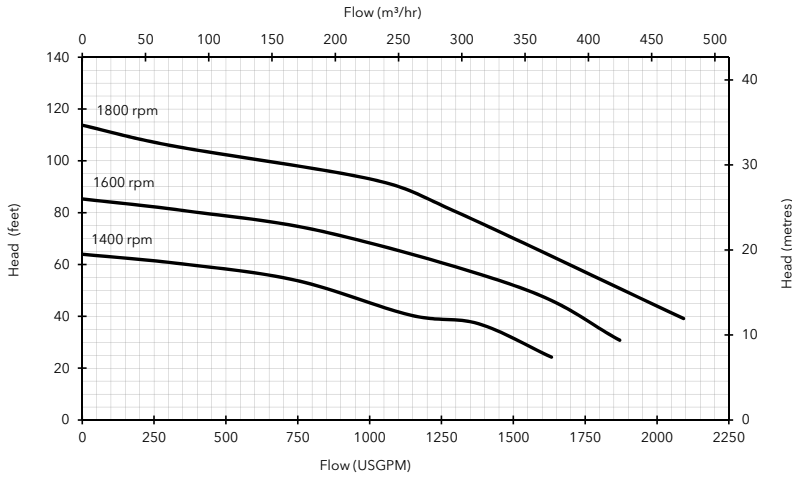
Features and benefits

- 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 John Deere 4045TF290 (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'						
1400	37	45	52	57	-	-	TDH
	859	767	721	265	-	-	Flow
1600	35	49	66	73	-	-	TDH
	965	847	647	295	-	-	Flow
1800	38	58	79	92	-	-	TDH
	1045	855	712	417	-	-	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

John Deere 4045TF290 (IT4 Emergency Standby), 67 HP

Impeller diameter 11.0"

Pump speed 1800 rpm

Fuel capacity: 90 US Gal (full) 90 US Gal (usable)

Max Fuel consumption @ 1800 rpm: 3.8 US Gal/hr

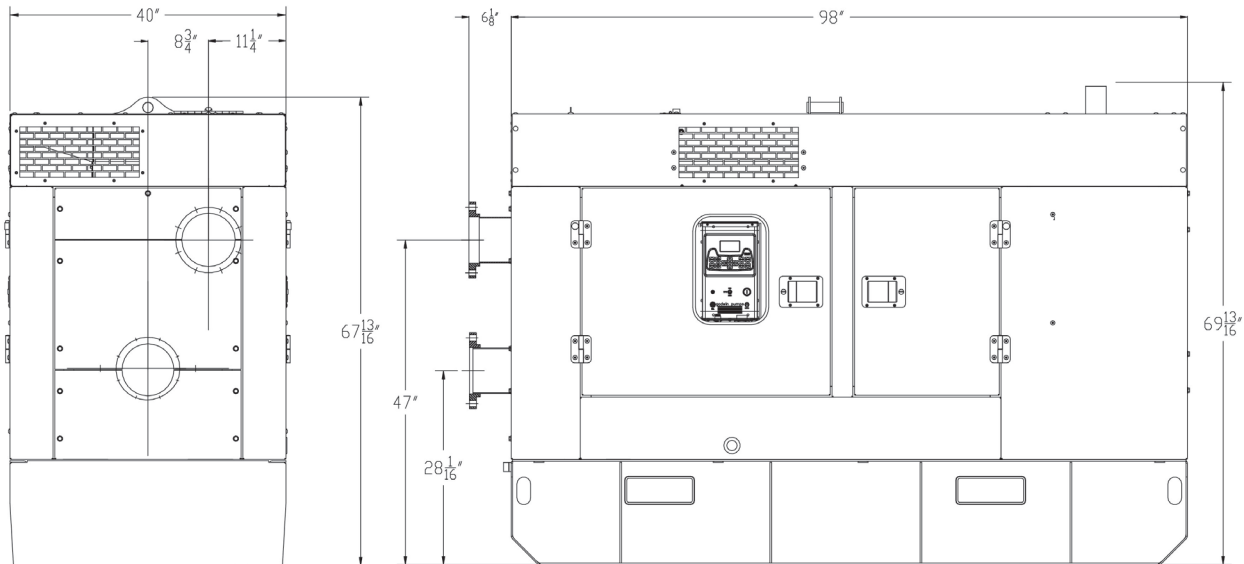
Max Fuel consumption @ 1600 rpm: 3.4 US Gal/hr

Weight (Dry): 3,900 lbs

Weight (Wet): 4,550 lbs

Dim.: (L) 104" x (W) 40" x (H) 70"

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.



xylem
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