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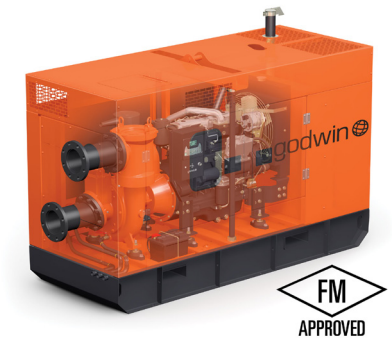
Let's Solve Water

Godwin FP300 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 FP300 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 FP300 is primed automatically and its unique mechanical seal design allows the pump to run dry. The pump removes water at up to 5,430 USGPM, and is reliable over a wide range of conditions.

Specifications

Suction connection	12" 150# ANSI B16.5 flange
Delivery connection	12" 150# ANSI B16.5 flange
Max capacity	5,430 USGPM †
Max impeller diameter	3.25"
Max solids handling	16.9"
Max operating temp	176°F*
Max working pressure	46 psi
Max suction pressure	29 psi
Max casing pressure	92 psi
Max operating speed	1200 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.
- Liquid lubricated mechanical seal with high abrasion resistant solid silicon carbide faces and limited dry-running capabilities.
- Pedestal-mounted 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 6068HF285 (T3 Emergency Standby).

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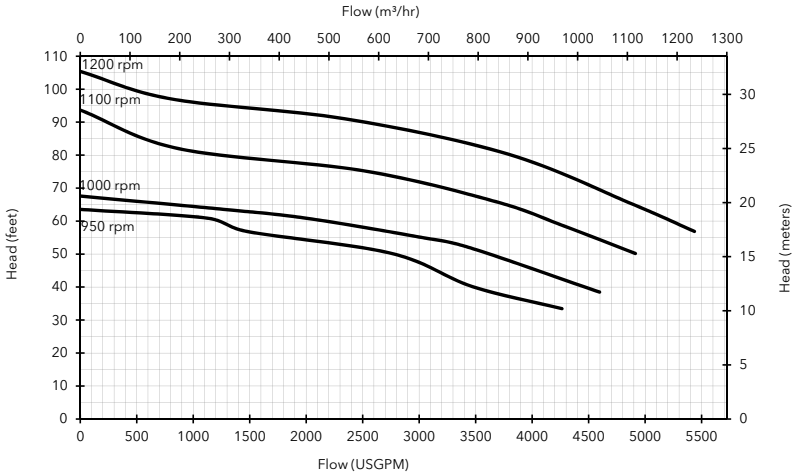
Performance curve

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



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 iron BS EN 1561 - 1997
Non-return valve body	Cast iron BS EN 1561 - 1997
Mechanical seal	Silicon carbide face; Viton elastomers; Stainless steel body

Suction lift table

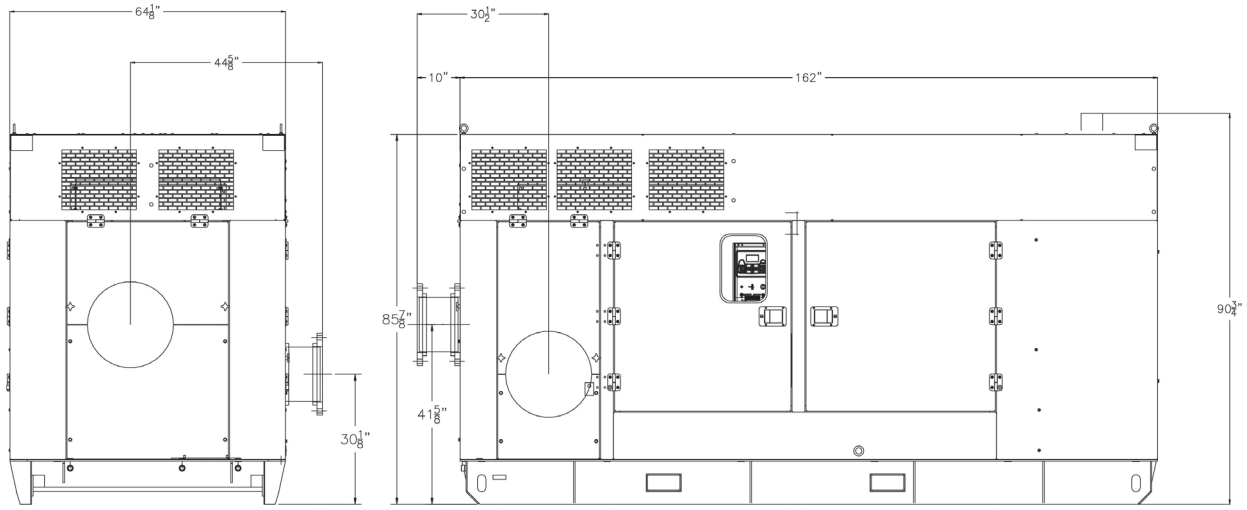
Speed	Suction Lift 25′						
950	45	49	52	56	58	60	TDH
	3094	2898	2500	2010	1534	872	Flow
1000	48	52	57	62	64	67	TDH
	3292	3037	2422	2121	1406	355	Flow
1100	52	61	67	75	77	79	TDH
	3513	3172	2576	1883	1309	751	Flow
1200	54	64	72	74	82	90	TDH
	3616	3341	3181	2986	2533	1541	Flow

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.

Engine

John Deere 6068HF285 (T3 Emergency Standby), 156 HP
Impeller diameter 16.9"
Pump speed 1200 rpm driven by 2.0:1 gearbox
Fuel capacity: 150 US Gal
Max Fuel consumption @ 2400 rpm: 8.7 US Gal/hr
Max Fuel consumption @ 1800 rpm: 7.5 US Gal/hr
Weight (Dry): 10,200 lbs
Weight (Wet): 11,280 lbs
Dim.: (L) 172" x (W) 109" x (H) 91"

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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Xylem Dewatering Solutions
84 Floodgate Rd.
Bridgeport, NJ 0814 United States
Tel (856) 467-3636
Fax (856) 467-4841
www.xylem.com/godwin

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