



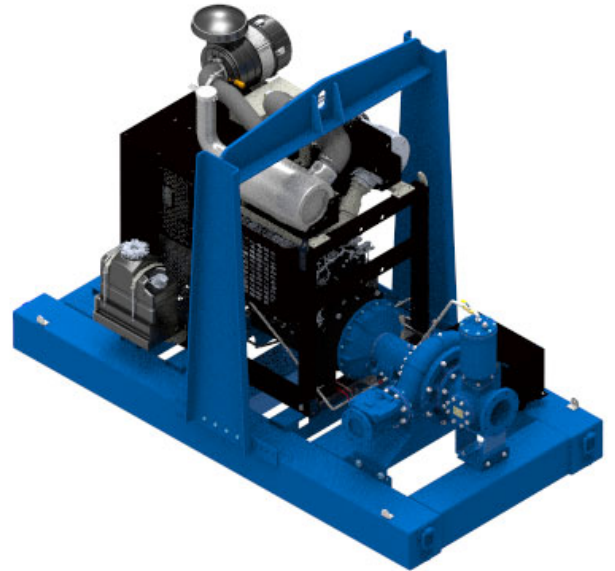
Priming Assisted Centrifugal Pump w/Autostart

Model PAH6E60-6090H FT4

Size 8" x 6"



Total Head P.S.I.	Head Feet	Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance				
		25'	20'	15'	10'	5'
169.0	390	1000	1000	1000	1000	1000
151.7	350	1060	1765	2350	2660	2900
130.0	300	1065	1780	2350	2660	3200
108.4	250	1070	1795	2350	2660	3210
86.7	200	1080	1800	2350	2660	3235
65.0	150	1085	1805	2355	2660	3245
43.4	100	1090	1825	2360	2660	3255
22.7	50	1090	1845	2365	2660	3280
Suction Lift		25'	20'	15'	10'	5'



PUMP SPECIFICATIONS

- Size:** 8" x 6" (203 mm x 152 mm) Flanged.
- Casing:** Ductile Iron 65-45-12.
Maximum Casing Pressure 257 psi (1951 kPa).*
Maximum Operating Pressure 250 psi (1772 kPa) at Temperatures up to 100° F (37° C) Based on System Component Limitations.*
- Enclosed Type, Five Vane Impeller:** Ductile Iron 65-45-12.
Handles 1 1/4" (31,8 mm) Diameter Spherical Solids.
- Suction Head:** Gray Iron 30.
- Suction Spool:** Gray Iron 30.
- Impeller Shaft:** Alloy Steel 4150M.
- Replaceable Wear Ring:** Ductile Iron 65-45-12.
- Bearing Pedestal:** Gray Iron 30.
- Seal Plate:** Ductile Iron 65-45-12.
- Seal:** Mechanical, SAE 30 Non-Detergent Oil-Lubricated. Silicon Carbide Rotating Face and Stationary Seat. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 316 Cage and Stainless Steel 18-8 Spring. Maximum Temperature of Liquid Pumped 160° F (71° C).*
- Shaft Sleeve:** Stainless Steel 303/304.
- Priming Chamber:** Gray Iron 30 Housing w/Stainless Steel Float and Linkage.
- Discharge Check Valve:** Ductile Iron Housing with Welded Nickel Seat and Buna-N Flapper.
- Radial Bearing:** Open Roller.
- Thrust Bearing:** Open Double Row Ball.
- Bearing Cavity Lubrication:** Lithium EP2 Grease.
- Gaskets:** Red Rubber, Compressed Synthetic Fibers and Buna-N.
- O-Rings:** Buna-N.
- Hardware:** Standard Plated Steel.
- Standard Equipment:** Gear-Driven Air Compressor. Hoisting Bail [Full Feature Control Panel](#). Combination Skid Base w/Fuel Tank. [Single Ball Type Float Switch](#).**
- Optional Equipment:** Battery. Skid Base Kit. [Tandem Axle Over-the-Road Trailer](#). Liquid Level Transducer.
- **50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths Available From the Factory.**

WARNING!

Do not use in explosive atmosphere or for pumping volatile flammable liquids.

ENGINE SPECIFICATIONS

- Model:** John Deere 6090HFC09.
- EPA Tier:** Final Tier 4.
- Type:** Six Cylinder, Charge-Air Cooled Diesel Engine. Enclosed. With Air Compressor
- Displacement:** 549 Cu. In. (9,0 liters).
- Lubrication:** Forced Circulation.
- Air Cleaner:** Dry Type.
- Fuel Tank:** 216 U.S. Gals. (818 liters).
- Full Load Operating Time:** 14.9 Hrs.
- Starter:** 12V Electric.
- Standard Features:** Muffler w/Guard and Weather Cap, DOC/DPF and SCR Exhaust After-Treatment System.
- Engine Control Features:** Padlockable Box with Throttle Control, Tachometer, Coolant Temperature, Oil Pressure, Voltage and Overstart Indicators/Shut-downs. Manual/Stop/Auto Keyswitch. Audible Startup Warning Delay. Fuel Level Display/Alarm/Shutdown Electronic Fuel Level Sensor.

JOHN DEERE PUBLISHED PERFORMANCE:
Maximum Gross BHP (Intermittent)
375 (280 kW) @ 2000 RPM



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Specifications Subject to Change Without Notice

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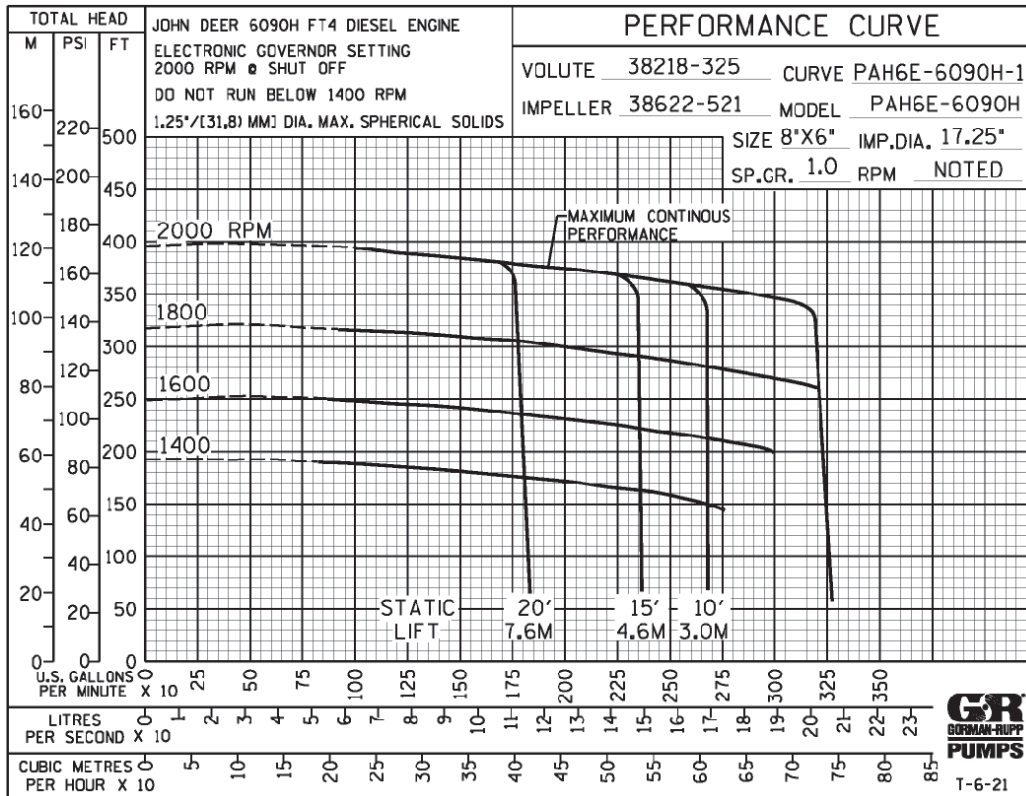
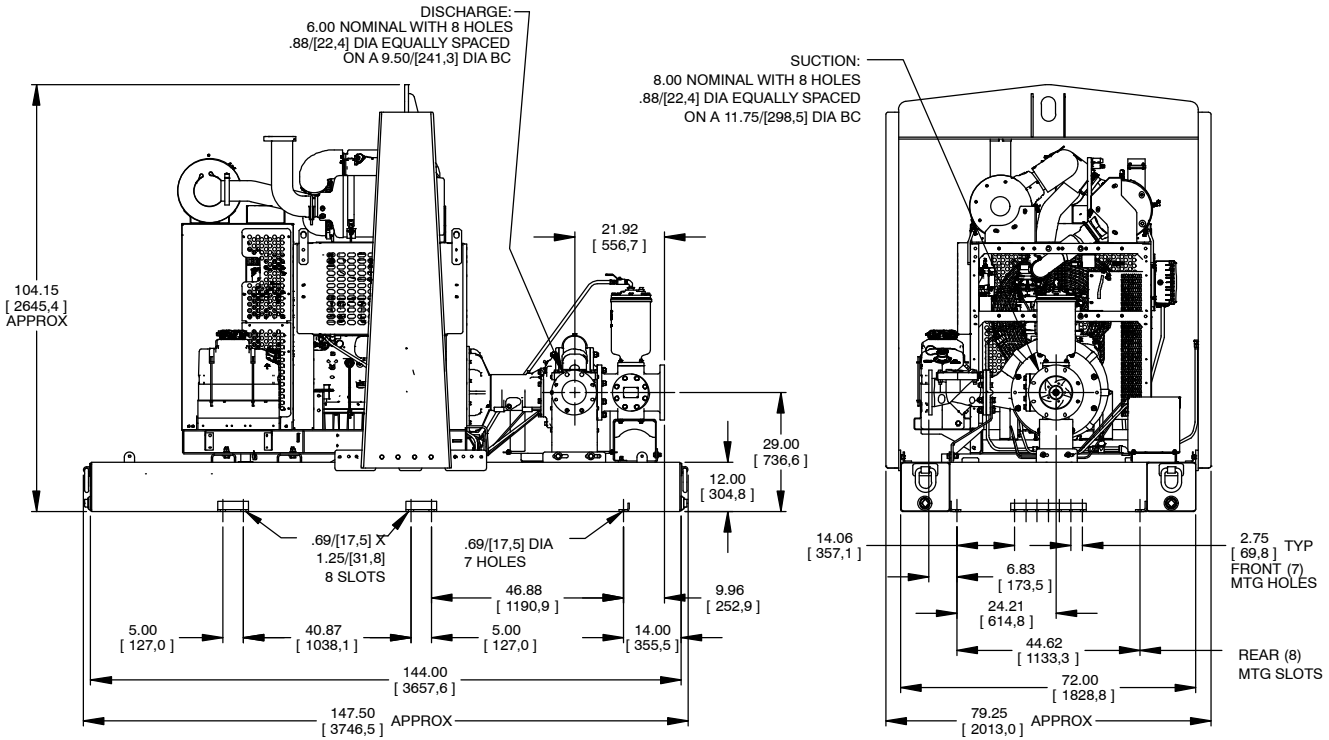
Specification Data

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APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT:
SHIPPING WEIGHT:
EXPORT CRATE SIZE:

8870 LBS. [4023 KG.]
8870 LBS. [4023 KG.]
783 CU. FT. (22,2 CU. M.)



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