



# Priming Assisted Centrifugal Pump w/Autostart

## Model PAH4E60-6068H FT4

### Size 6" x 4"



Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance				
P.S.I.	Feet					
180.3	416	440	440	440	440	440
173.4	400	520	600	600	600	600
156.1	360	600	820	1040	1200	1290
138.7	320	660	870	1100	1250	1350
121.4	280	700	910	1140	1300	1395
104.0	240	730	940	1170	1330	1440
86.7	200	740	960	1200	1350	1470
69.4	160	760	980	1210	1370	1495
52.0	120	770	995	1230	1380	1515
34.7	80	785	1010	1240	1400	1530
17.3	40	800	1020	1260	1420	1550
<b>Suction Lift</b>		<b>25'</b>	<b>20'</b>	<b>15'</b>	<b>10'</b>	<b>5'</b>



**PUMP SPECIFICATIONS**

- Size:** 6" x 4" (152 mm x 102 mm) Flanged.
- Casing:** Ductile Iron 65-45-12.  
Maximum Casing Pressure 283 psi (1951 kPa).\*
- Maximum Operating Pressure 250 psi (1723 kPa) at Temperature up to 100°F (37°C) Based on System Component Limitations.\*
- Enclosed Type, Two Vane Impeller:** Ductile Iron 65-45-12.  
Handles 3" (76,2 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:** Gray Iron 30.
- 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 Ball.
- Bearing Cavity Lubrication:** Lithium EP2 Grease.
- Gaskets:** Vegetable Fiber, Compressed Synthetic Fibers and Buna-N.
- O-Rings:** Buna-N.
- Hardware:** Standard Plated Steel.
- Seal Cavity Oil Level Sight Gauges.**
- Standard Equipment:** Gear-Driven Air Compressor. Hoisting Bail [Full Feature Control Panel](#). Combination Skid Base w/Fuel Tank. [Single Ball Type Float Switch](#) \*\*

\*Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.

**Optional Equipment:** Battery. Strainer. Skid Drag Base Kit. High Speed (55 MPH/89 KM/H) Tandem Axle Pneumatic-Tired Wheel Kit w/w/o DOT-Approved Lights and Electric Brakes. [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 6068HFC08.
- EPA Tier:** Final Tier 4.
- Type:** Six Cylinder, Charge-Air Cooled Diesel Engine. Enclosed. With Air Compressor
- Displacement:** 415 Cu. In. (6,8 liters).
- Lubrication:** Forced Circulation.
- Air Cleaner:** Dry Type.
- Fuel Tank:** 131 U.S. Gals. (496 liters).
- Full Load Operating Time:** 12 Hrs.
- Starter:** 12V Electric.
- Standard Features:** Muffler w/Guard and Weather Cap, DOC/DPF and SCR Exhaust After-Treatment System.
- Optional:** Electronic Fuel Level Sensor.
- 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 (For Use With Optional Fuel Level Sensor).

**JOHN DEERE PUBLISHED PERFORMANCE:**  
Maximum Gross BHP (Intermittent)  
250 (187 kW) @ 2400 RPM



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Specifications Subject to Change Without Notice

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