**Diesel Engine Driven**

**Priming Assisted Centrifugal Pump w/Autostart**

Model PAH8C60-6068H FT4

Size 10” x 8”

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### PUMP SPECIFICATIONS

**Size:** 10” x 8” (254 mm x 203,2 mm) Flanged.

**Casing:** Ductile Iron 65-45-12. Maximum Operating Pressure 179 psi (1234 kPa).*

**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 w/Buna-N Flapper.

**Radial Bearing:** Open Single Ball.

**Thrust Bearing:** Open Double Ball.

**Bearing Cavity Lubrication:** Lithium EP2 Grease.

**Gaskets:** Vegetable Fiber, Buna-N, Fluorocarbon (DuPont Viton™ or Equivalent).

**O-Rings:** Buna-N.

**Hardware:** Standard Plated Steel.

**Seal Cavity Oil Level Sight Gauges.**

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

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### 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:** 14.4 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/Shutdowns. 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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### Capacities of Pumps in U.S. Gallons per Minute (GPM) at Continuous Performance

<table>
<thead>
<tr>
<th>Total Head</th>
<th>Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>P.S.I.</td>
</tr>
<tr>
<td>104.1</td>
<td>1050</td>
</tr>
<tr>
<td>86.7</td>
<td>200</td>
</tr>
<tr>
<td>75.9</td>
<td>175</td>
</tr>
<tr>
<td>65.0</td>
<td>150</td>
</tr>
<tr>
<td>54.2</td>
<td>125</td>
</tr>
<tr>
<td>43.6</td>
<td>100</td>
</tr>
<tr>
<td>32.5</td>
<td>75</td>
</tr>
<tr>
<td>21.7</td>
<td>50</td>
</tr>
</tbody>
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**WARNING!**

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

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**PHOTO NOT AVAILABLE AT TIME OF PUBLISHING**
NET WEIGHT: 5800 LBS. [2631 KG.]
SHIPPING WEIGHT: 6050 LBS. [2744 KG.]
EXPORT CRATE SIZE: 594 CU. FT. (16,8 CU. M.)

POWERED BY JOHN DEERE 6068H TIER 4 DIESEL ENGINE

DIMENSIONS: INCHES [MILLIMETERS]

APPROXIMATE DIMENSIONS and WEIGHTS

TOTAL HEAD

<table>
<thead>
<tr>
<th>M</th>
<th>PSI</th>
<th>FT</th>
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</thead>
<tbody>
<tr>
<td>100</td>
<td>375</td>
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<td>75</td>
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<tr>
<td>50</td>
<td>375</td>
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<tr>
<td>25</td>
<td>375</td>
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</tbody>
</table>

PERFORMANCE CURVE

VOLUTE 38218-324 CURVE PAH6-0668H-1
IMPELLER 38621-787 MODEL PAH6-0668H

SIZE 10X8' IMP. DIA. 14.25'
SP. GR. 1.0 RPM NOTED

Performance shown does not include discharge check valve losses.

GORMAN-RUPP PUMPS
www.grpumps.com
Specifications Subject to Change Without Notice Printed in U.S.A.