Stainless Steel Diesel Engine Driven

Primed Assisted Centrifugal Pump w/Autostart

Model PAH8A65-6090H FT4
Size 10” x 8”

### PUMP SPECIFICATIONS

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

**Casing:** Stainless Steel CD4MCu.

Maximum Operating Pressure 222 psi (1531 kPa).*

**Enclosed Type, Two Vane Impeller:** Stainless Steel CD4MCu.

Handles 3” (76,2 mm) Diameter Spherical Solids.

**Suction Head:** Stainless Steel CD4MCu.

**Suction Spool:** Stainless Steel CD4MCu.

**Impeller Shaft:** Stainless Steel CD4MCu.

**Replaceable Wear Ring:** Stainless Steel CD4MCu.

**Bearing Pedestal:** Gray Iron 30.

**Seal Plate:** Stainless Steel CD4MCu.

**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 316 Spring. Maximum Temperature of Liquid Pumped 160 °F (71 °C).*

**Shaft Sleeve:** Stainless Steel 17‐4 PH.

**Priming Chamber:** Stainless Steel 316 Housing w/Stainless Steel Float and Linkage.

**Discharge Check Valve:** Stainless Steel Housing w/Viton Flapper.

**Radial Bearing:** Open Roller.

**Thrust Bearing:** Open Double Ball

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

**Gaskets:** Fluorocarbon (DuPont Viton® or Equivalent), Compressed Synthetic Fibers and Buna-N.

**O‐Rings:** Fluorocarbon (DuPont Viton® or Equivalent).

**Hardware:** Stainless Steel 316 and 17-4 PH.

**Seal Cavity Oil Level Sight Gauges**

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

**Standard Equipment:** Gear-Driven Air Compressor. Hoisting Bail. Combination Skid Base w/Fuel Tank. Full Feature Control Panel Single Ball Type Float Switch.**

**Optional Equipment:** Battery. Strainer. Skid Base Kit. Threaded Flange Kit. Suction Vacuum and Discharge Pressure Gauge Kit. Tandem Axle Over-the‐Road Trailer. Liquid Level Sensor**

**50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths Available From the Factory.

### ENGINE SPECIFICATIONS

**Model:** John Deere 6090H “Power Tech.”

**EPA Tier:** Tier 4.

**Type:** Six Cylinder, Four Cycle, Charge Air Cooled, Enclosed, Liquid Cooled Diesel Engine.

**Displacement:** 548 Cu. In. (9,0 liters).

**Governor:** Electronic Isochronous.

**Lubrication:** Forced Circulation.

**Air Cleaner:** Dry Type.

**Fuel Tank:** 262 U.S. Gals. (992 liters).

**Full Load Operating Time:** 17.9 Hrs.

**Starter:** 12V Electric.

**Optional Features:** 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 Start‐up Warning Delay. Fuel Level Display/Alarm/Shut‐down (For Use With Optional Fuel Level Sensor). Muffler w/Weather Cap.

**JOHN DEERE PUBLISHED PERFORMANCE:**

Maximum Gross BHP (Intermittent) 375 (280 kW) @ 2200 RPM

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