

ACDEU

# Priming Assisted Centrifugal Pump w/Autostart



## Model PAH10B60-6135H

Size 12" x 10"



| Total Head          |      | Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance |            |            |            |           |
|---------------------|------|---|------------|------------|------------|-----------|
| P.S.I.              | Feet |   |            |            |            |           |
| 156.0               | 360  | N/A   | 1500       | 1500       | 1500       | 1500      |
| 138.7               | 320  | N/A   | 3195       | 3750       | 3750       | 3750      |
| 121.4               | 280  | N/A   | 3275       | 4190       | 4900       | 4900      |
| 118.8               | 274  | 1200  | 3275       | 4200       | 5095       | 5095      |
| 140.0               | 240  | 2140  | 3280       | 4220       | 5200       | 5720      |
| 86.7                | 200  | 2190  | 3290       | 4230       | 5210       | 5780      |
| 69.3                | 160  | 2200  | 3300       | 4240       | 5220       | 5800      |
| 52.0                | 120  | 2200  | 3300       | 4240       | 5250       | 5800      |
| 34.7                | 80   | 2200  | 3300       | 4240       | 5250       | 5810      |
| 17.3                | 40   | 2210  | 3310       | 4250       | 5260       | 5820      |
| <b>Suction Lift</b> |      | <b>±25'</b>   | <b>20'</b> | <b>15'</b> | <b>10'</b> | <b>6'</b> |

‡ Suction Lift Based On 1600 RPM Engine Speed.

### PUMP SPECIFICATIONS

**Size:** 12" x 10" (305 mm x 254 mm) Flanged.

**Casing:** Ductile Iron 65-45-12.

Maximum Casing Pressure 250 psi (1710 kPa).\*

Maximum Operating Pressure 250 psi (1723 kPa) at Temperatures up to 100 F (37 C) Based on System Component Limitations.\*

**Enclosed Type, Four Vane Impeller:** Ductile Iron 80-55-06.

Handles 2" (50,8 mm) Diameter Spherical Solids.

**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, Oil-Lubricated. Silicon Carbide Rotating Face and Stationary Seat. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 18-8 Cage and 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 and Seal Cavity Lubrication:** SAE 30 Non-Detergent Oil.

**Suction Spool:** Gray Iron 30.

**Gaskets:** Resistant Synthetic Rubber, Vegetable Fiber w/Compressed Synthetic Fibers.

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

**Hardware:** Standard Plated Steel.

**Bearing and 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. Skid Base. Strainer. Single Ball Type Float Switch. \*\*

**Optional Equipment:** Batteries (2 Req'd). Heated Priming Chamber Kit. G-R Hard Iron Impeller. NPT Threaded Flanges. Over-the-Road Trailer (Meets D.O.T. and Transport Canada Requirements) Available w/ Either Electric or Hydraulic Surge Brakes, Running Lights, Trailer Jack Stands and Safety Chains/Cables. Heated Priming Chamber Kit. Automatic Air Release Valve. Suction Vacuum and Discharge Pressure Gauge Kit. EPS w/Submersible Transducer Liquid Level Sensor.\*\*

\*\*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 6135H "Power Tech".

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

**Displacement:** 824 Cu. In. (13,5 liters).

**Governor:** Electronic Isochronous.

**Lubrication:** Forced Circulation.

**Air Cleaner:** Dry Type.

**Oil Reservoir:** 63 U.S. Qts. (59,6 liters) Dry; 59.5 U.S. Qts. (55,8 liters) Refill.

**Fuel Tank:** 250 U.S. Gals. (946 liters).

**Full Load Operating Time:** 10.7 Hrs.

**Starter:** 12V Electric.

**Standard Features:** Low Oil Pressure and High Coolant Temperature Safety Shut Down Switches. Autostart Instrument Panel Includes: Tachometer, Voltmeter, Hourmeter, Coolant Temperature Gauge, Oil Pressure Gauge, Manual/Stop/Auto Key Switch, 10 Amp Pushbutton Circuit Breaker, Startup Warning Delay. Muffler w/Weather Cap. Throttle Control.

### JOHN DEERE PUBLISHED PERFORMANCE:

Maximum Gross BHP (Intermittent)  
600 (448 kW) @ 2100 RPM



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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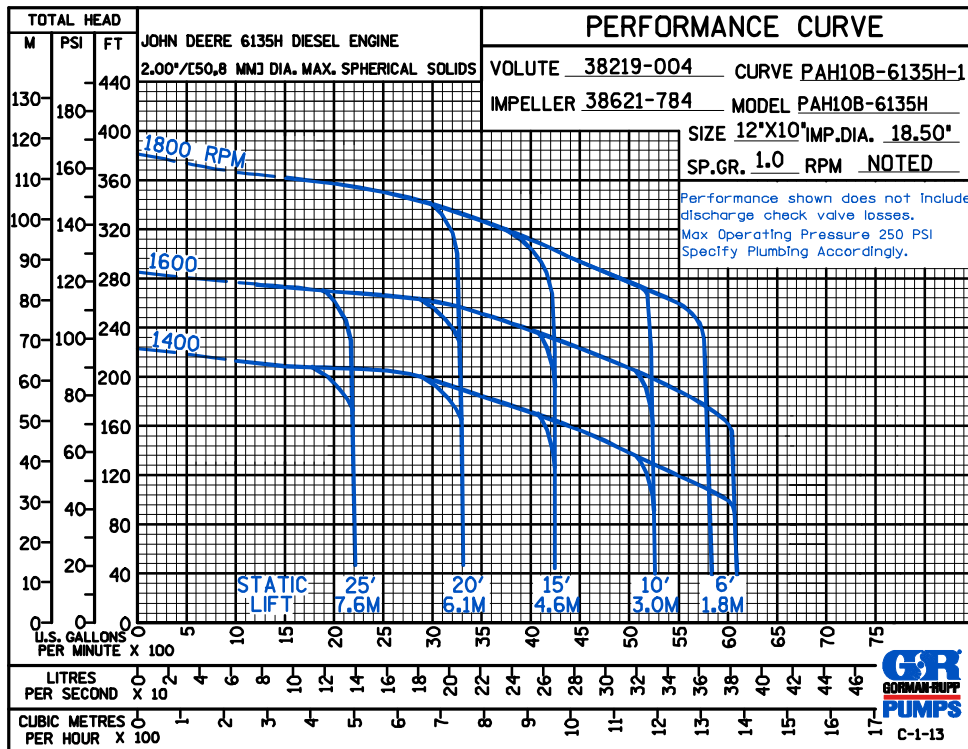
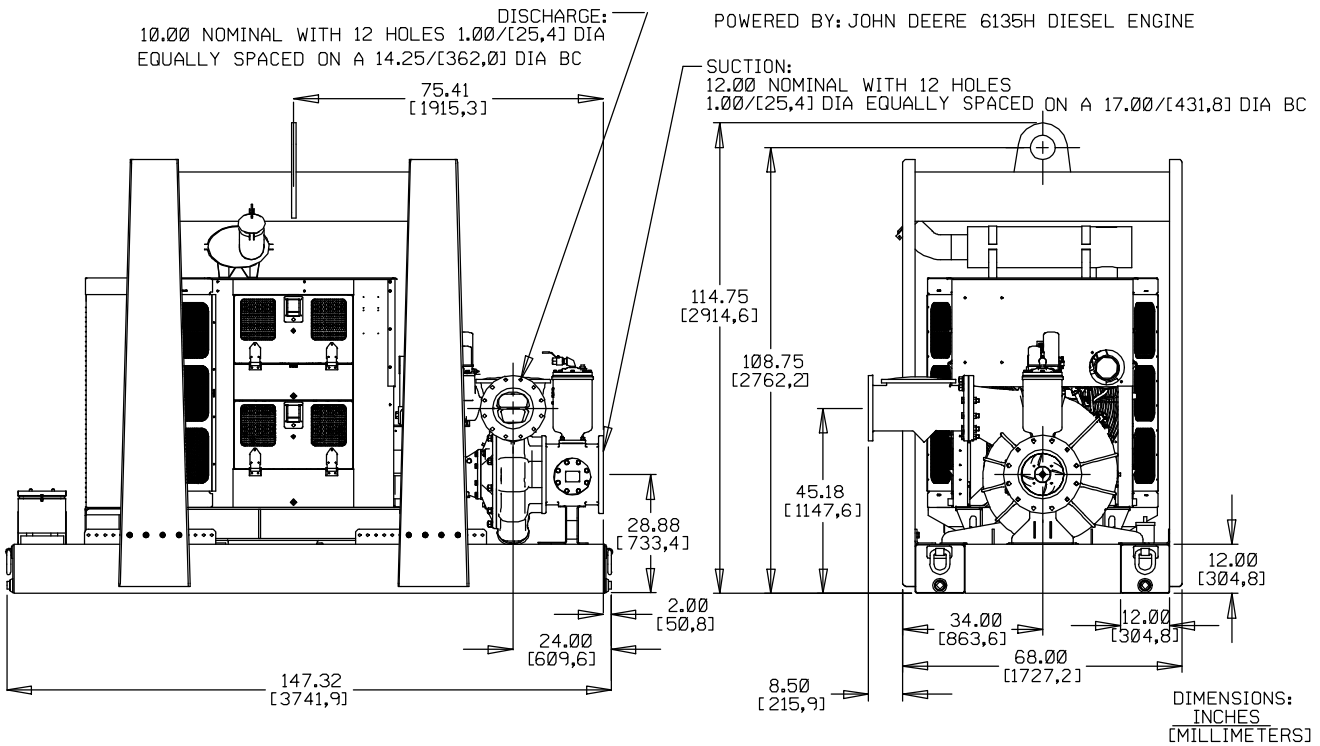
**Specification Data**

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APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT:  
SHIPPING WEIGHT:  
EXPORT CRATE SIZE:

11310 LBS. (5130 KG.)  
11810 LBS. (5356 KG.)  
793 CU. FT. (22,5 CU. M.)



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