

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
Suction Lift		±25'	20'	15'	10'	6'

± 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](#). **

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

Optional Equipment: Batteries (2 Req'd). Heated Priming Chamber Kit. G-R Hard Iron Impeller. NPT Threaded Flanges. [Tandem Axle 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. [Full Feature Control Panel](#) For Use w/ Submersible Transducer Liquid Level Sensor (50 Ft. [15 M] Cable Standard, Alternate Lengths Available).



ENGINE SPECIFICATIONS

Model: John Deere 6135H "Power Tech".

EPA Tier: Tier 3.

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

Displacement: 824 Cu. In. (13.5 liters).

Lubrication: Forced Circulation.

Air Cleaner: Dry Type.

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

Full Load Operating Time: 10.7 Hrs.

Starter: 12V Electric.

Standard Features: Muffler w/Weather Cap.

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)
600 (448 kW) @ 2100 RPM



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Specifications Subject to Change Without Notice

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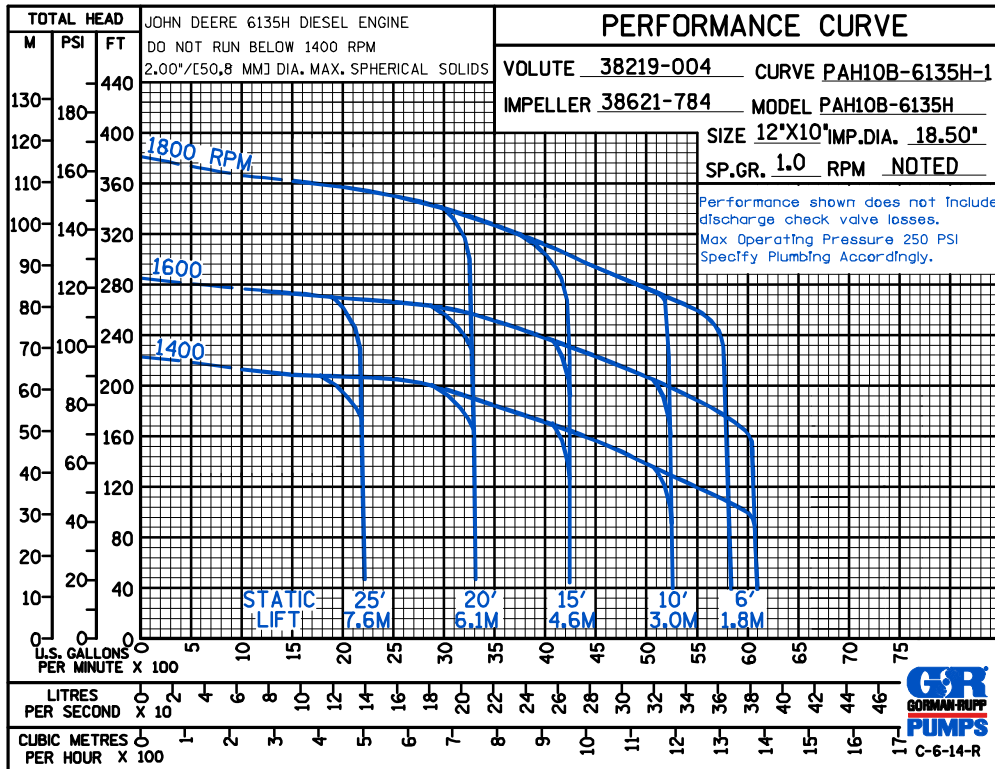
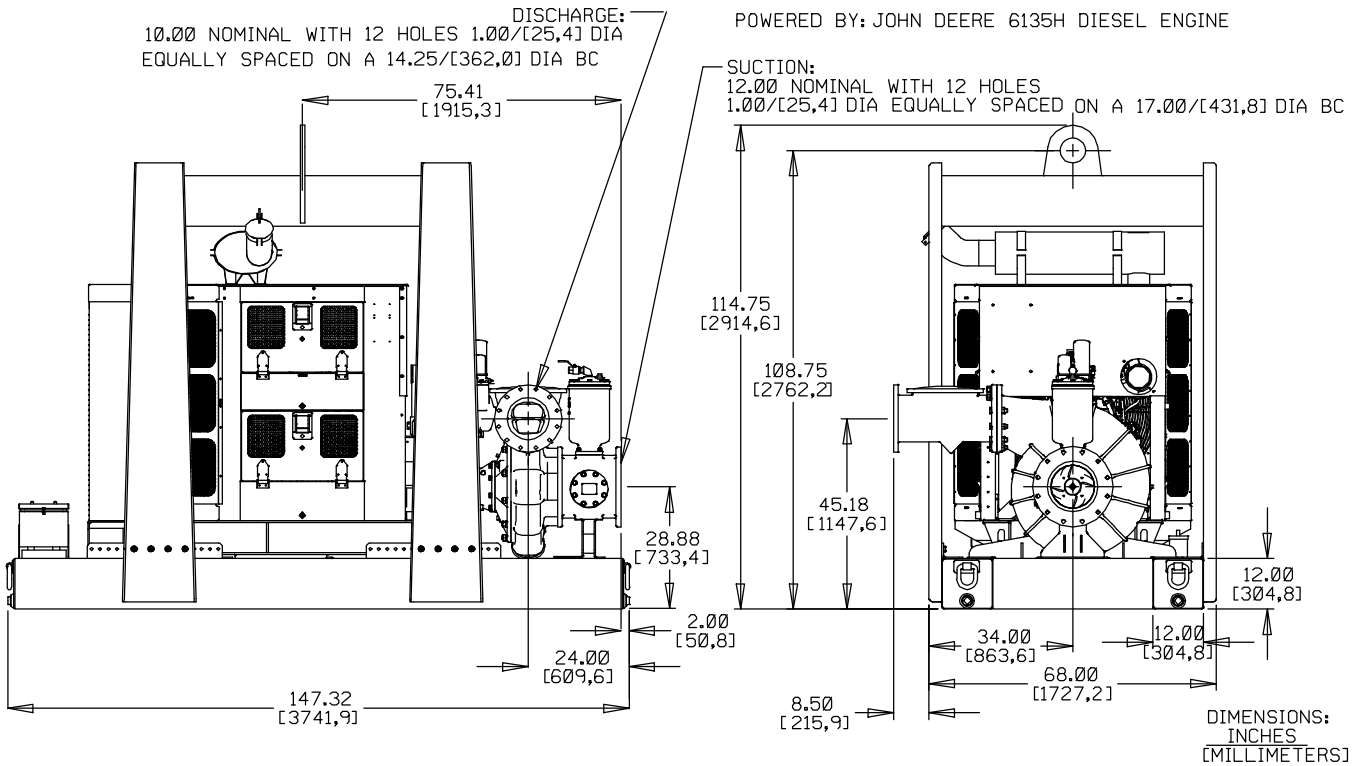
Specification Data

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APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT:
SHIPPING WEIGHT:
EXPORT CRATE SIZE:

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



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