Priming Assisted Centrifugal Pump w/Autostart
Model PAH4A60-C4.4TA FT4
Size 6” x 4”

Prime Aire PLUS
VARIOUS PATENTS APPLY

2 YEAR WARRANTY – PRIMING-ASSIST

Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance			
P.S.I.	Feet				
127.4	294	400	400	N/A	N/A
121.4	280	580	580	N/A	N/A
104.0	240	1070	1280	320	N/A
86.7	200	1110	1370	1180	N/A
69.4	160	1120	1400	1740	N/A
52.0	120	1125	1410	1780	N/A
34.7	80	1130	1425	1790	N/A
17.3	40	1130	1430	1800	N/A
Suction Lift		25’	20’	‡15’	‡10’

‡Suction Lift Based On 1800 RPM Engine Speed.

PUMP SPECIFICATIONS

Size: 6” x 4” (152 mm x 102 mm) Flanged.
Casing: Ductile Iron 65-45-12.
Maximum Operating Pressure 201 psi (1386 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.
Externally Adjustable, 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 Single Row Roller.
Thrust Bearing: Open Double Row Ball.
Bearing Cavity Lubrication: Lithium EP2 Grease.
Gaskets: Vegetable Fiber. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Buna-N.
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.*

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

Optional Equipment: Battery. NPT Threaded Flange Kit. Heated Priming Chamber Kit. Suction Vacuum and Discharge Pressure Gauge Kit. High Speed (55 MPH/89 KM/H) Tandem Axle Pneumatic-Tired Wheel Kit w/wo 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.*

PHOTO NOT AVAILABLE AT TIME OF PUBLISHING

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

ENGINE SPECIFICATIONS

Model: Caterpillar C4.4TA.
EPA Tier: Final Tier 4.
Type: Four Cylinder, Turbocharged Diesel Engine.
Displacement: 269 Cu. In. (4,41 Liters).
Lubrication: Forced Circulation.
Air Cleaner: Dry Type.
Fuel Tank: 110 U.S. Gals. (417 Liters).
Full Load Operating Time: 15.7 Hrs.
Starter: 12V Electric.

Standard Features: Muffler w/Weather Cap, DOC/SCR Exhaust After Treatment System.

Engine Control Features: Padlockable Box with Throttle Control, Tachometer, Coolant Temperature, Oil Pressure, Voltage and Overstart Indicators/Shutdowns. Manual/Stop/Auto Keyswitch. Audible Start-up Warning Delay. Electronic Fuel Level Sensor. Fuel Level Display/Alarm/Shutdown.

CATERPILLAR PUBLISHED PERFORMANCE:
Maximum Gross BHP (Intermittent)
148 (110 kW) @ 2200 RPM

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Specification Data	APPROXIMATE DIMENSIONS and WEIGHTS	NET WEIGHT: 4680 LBS. (2123 KG.) SHIPPING WEIGHT: 4800 LBS. (2177 KG.) EXPORT CRATE SIZE: 449 CU. FT. (12,7 CU. M.)
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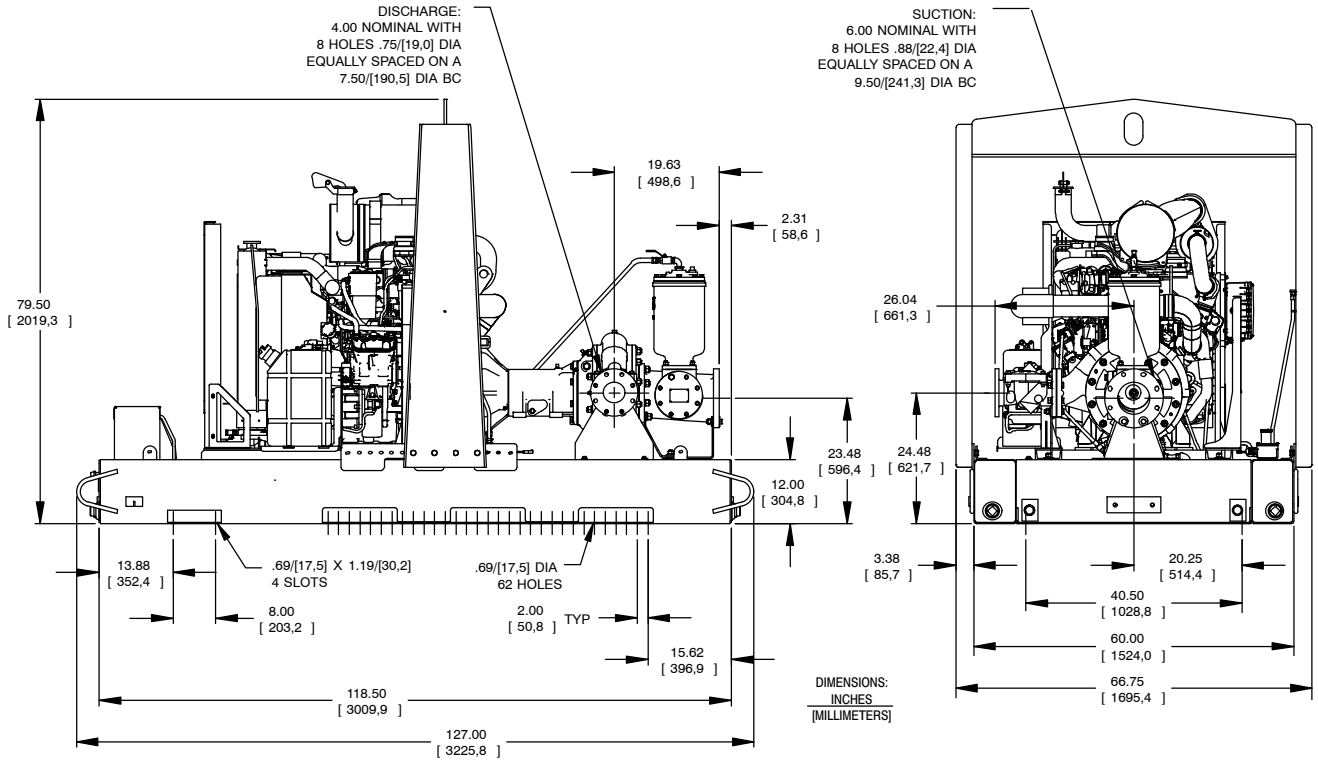

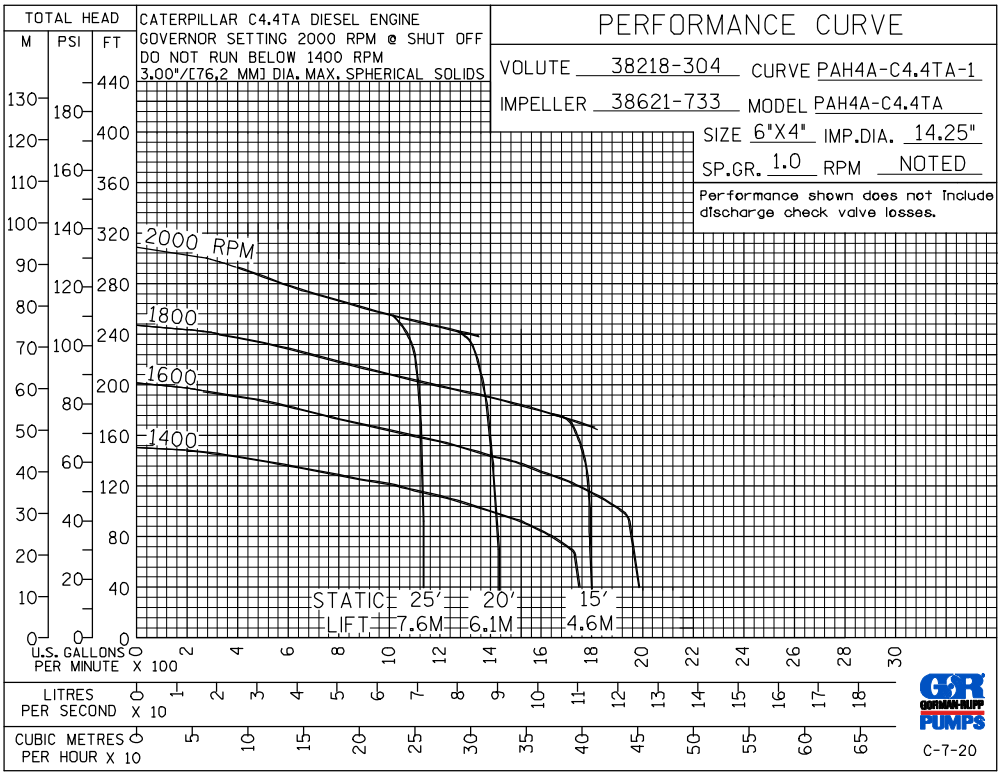

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