



VARIOUS PATENTS APPLY

Self Priming Centrifugal Pump
w/Autostart
Model V3B60-ZPP428-ESP

Size 4" x 3" Pump w/4" Discharge In increaser



RELIAPRIME
BACK-UP SYSTEM

Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance				
P.S.I.	Feet					
47.7	110	260	260	260	260	260
43.4	100	362	470	470	470	470
39.0	90	372	500	620	640	640
34.7	80	378	505	664	745	795
30.3	70	384	510	670	769	873
26.0	60	390	518	674	770	890
21.7	50	395	523	678	775	893
17.3	40	400	530	680	778	895
13.0	30	408	535	683	780	898
8.7	20	412	542	687	782	900
Suction Lift		25'	20'	15'	10'	5'

PUMP SPECIFICATIONS

Size: 4" x 3" (102 mm x 76.2 mm) Flanged Pump w/4" Flanged Discharge In creaser.

Casing: Gray Iron 30.

Maximum Operating Pressure 88 psi (607 kPa).*

Semi-Open Type, Two Vane Impeller: Ductile Iron 65-45-12.

Handles 3" (76.2 mm) Diameter Spherical Solids.

Impeller Shaft: Stainless Steel 17-4 PH.

Self-Cleaning Replaceable Wear Plate: Carbon Steel ASTM A36.

Shimless Adjustable Cover Plate: Gray Iron 30.

Removable Inspection Cover Plate: Gray Iron 30.

Externally Removable Flap Valve: Neoprene w/Nylon and Steel Reinforcing.

Suction Flange/Flap Valve Seat: Gray Iron 30.

Bearing Housing: Gray Iron 30.

Seal Plate: Gray Iron 30.

Seal: Cartridge Type, Mechanical, Oil-Lubricated, Double Floating, Self-Aligning, Silicon Carbide Rotating and Stationary Faces. Stainless Steel 316 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 17-4 PH.

Radial Bearing: Open Single Row Ball.

Thrust Bearing: Open Double Row Ball.

Bearing and Seal Cavity Lubrication: SAE 30 Non-Detergent Oil.

Flanges: Gray Iron 30.

Gaskets: Buna-N, Compressed Synthetic Fibers, Vegetable Fiber, PTFE, Cork and Rubber.

O-Rings: Buna-N.

Hardware: Standard Plated Steel.

Brass Pressure Relief Valve.

Bearing and Seal Cavity Oil Level Sight Gauges.

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

Standard Equipment: Natural or LP Gas Pressure Regulator. Solar Battery Maintenance Kit. Soundproof (EPA Average 65 dBA at 23 feet [7 meters] Under Load). Lightweight Aluminum Enclosure - Removable for Maintenance of Pump or Engine - w/Padlockable Door Panels. Spill Containment Base w/Integral Drains and Fork Lift Pockets. Electronic Suction Vacuum and Discharge Pressure Gauge Kit. Hoisting Bail. Skid Base. Strainer. Submersible Transducer Liquid Level Sensor.**

Optional Equipment: Battery

**100 Ft. (30 m) Standard Length; Dual Switches Available From the Factory.



ENGINE SPECIFICATIONS

Model: Zenith Model ZPP428.

EPA/CARB Certified.

Type: Four Cylinder, Four Cycle, Liquid Cooled Natural or LP Gas.

Displacement: 171 Cu. In. (2.8 Liters).

Lubrication: Forced Circulation.

Air Cleaner: Dry Type.

Fuel Consumption at Continuous Performance:

Natural Gas: 437 CFH (12374 L/hr) @ 100% Volume.

LP Gas: 313,925 BTU/hr @ 100% Volume.

Starter: 12V Electric.

Standard Features: Muffler w/Weather Cap.

Engine Control Features: Throttle Control, Tachometer, Coolant Temperature, Oil Pressure, Voltage and Overstart Indicators/Shutdowns. Dual Fuel Toggle Switch. Manual/Stop/Auto Keyswitch. Audible Startup Warning Delay. Suction Vacuum/Discharge Pressure Displays.

ZENITH PUBLISHED PERFORMANCE:

Maximum Continuous B.H.P.

64 (47.7 kW) @ 3000 RPM



GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.

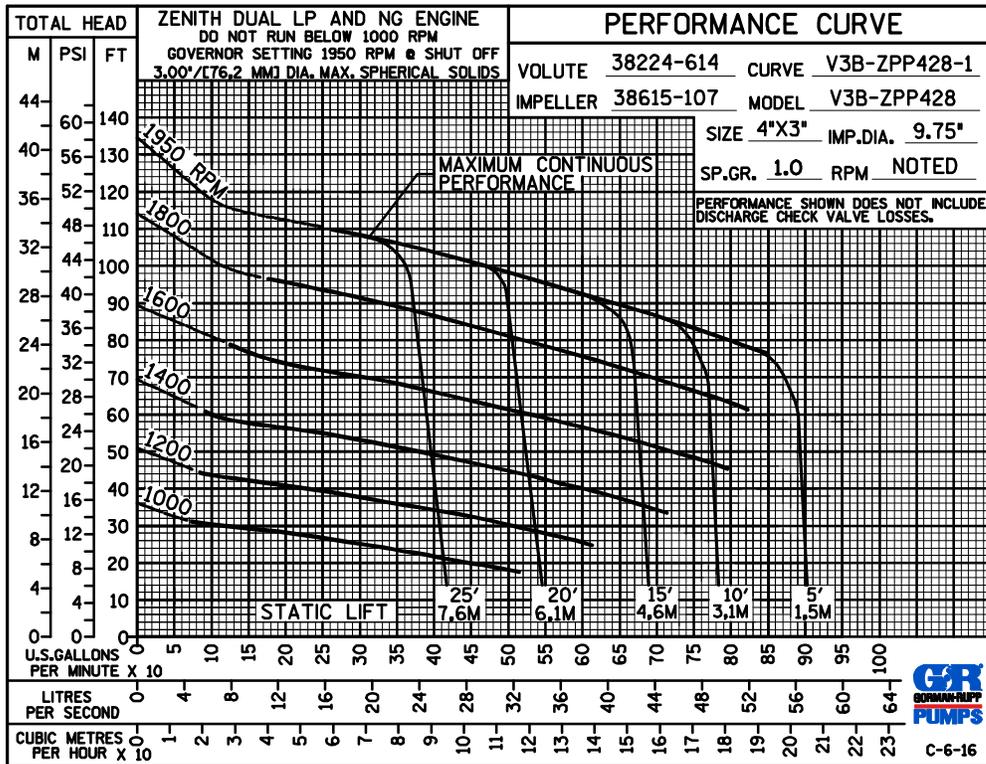
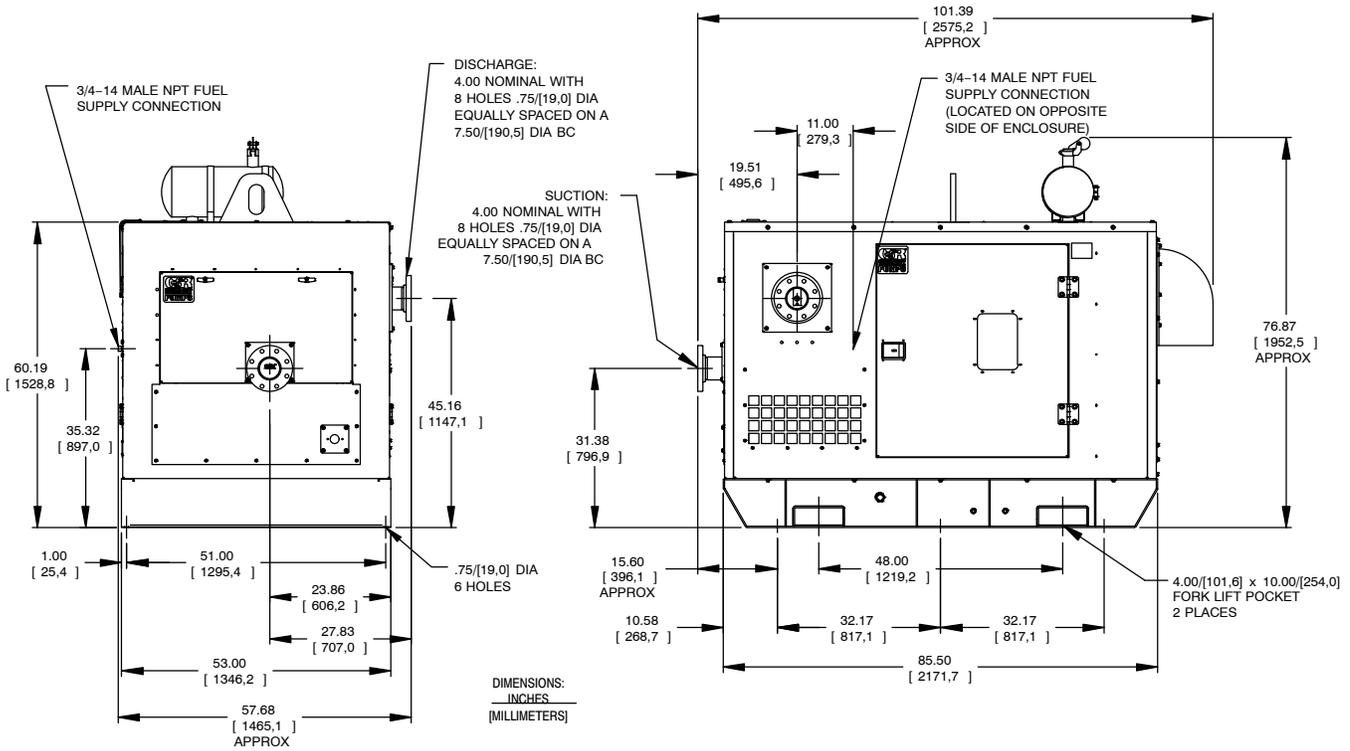
Specification Data

SECTION 48, PAGE 75

APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT:
SHIPPING WEIGHT:
EXPORT CRATE SIZE:

3160 LBS. (1433 KG.)
3560 LBS. (1615 KG.)
332 CU. FT. (9,4 CU. M.)



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