

600 Series

High-Speed 12 Volt Pump for Job Site Fueling



When the job calls for a high-speed, heavy-duty, self-priming rotary vane pump, choose the Series 600 from Gasboy. Designed for use with vehicle-mounted tanks, the 600 Series utilizes your vehicle's 12VDC or 24VDC electrical system as its power source. These pumps provide speedy fueling on the farm, the construction site, or wherever you need the flexibility of remote fueling.

Nearly twice as fast as most pumps, the 600 Series' 20 GPM (76 LPM) delivery cuts refueling time nearly in half. And, time saved on the job translates to lower costs and a better bottom line.

The basic models of the 600 Series (620 and 617) include the pump, a 1" x 12' (2.54cm x 3.6m) hose, and a manual self-closing nozzle. For these models, a meter/register kit is available for easy installation, providing accurate information with each use. The register reads up to 999.9 gallons or liters, while the nonresettable, roll-over totalizer reads up to 999999.9 gallons or liters. An easy-to-use push-button reset allows the user to set the readout back to zero prior to use. Kick your profitability into high gear with the high-speed performance of the 600 Series.

Maximize your profits by contacting Gasboy, or your local Gasboy distributor.



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600 Series Standards and Specifications

STANDARD FEATURES

- Delivery rate up to 20 GPM (76 LPM).*
- Compact, low profile design with centered inlet for ease of installation.
- Heavy-duty 12VDC or 24VDC motor designed with a permanent magnet and sealed ball bearings for long life.
- Heavy-duty 20 PSI (1.4 bar) stainless steel bypass valve features a brass sleeve for smooth travel and reliable operation.
- Built-in explosion-proof junction box supplied with weatherproof connector for power supply cable and battery clips for temporary hook up.
- Heavy-duty die cast lockable nozzle holder accommodates manual or automatic nozzles.
- Internal check valve lets you start pumping immediately. A pressure relief valve relieves product expansion and protects the pump seals.
- Easy access strainer. 100 mesh recommended for gasoline, 30 mesh for diesel.
- Telescoping suction pipe adjusts to various tank sizes.
- Enclosed nozzle holder protects nozzle from rain.

Options

- Meter/register kit features a nutating disc phenolic measuring chamber in aluminum die cast housing. Adjustable calibration +/- 0.5% at full flow. Four-wheel register (999.9) with push-button reset. Specify gas or diesel calibration. Gallon or liter measure.
- Farm-type automatic nozzle fits the standard nozzle boot.
- 1" x 12' (2.54cm x 3.6m) hose recommended for maximum flow
- Vacuum breaker located in discharge casting to prevent accidental siphoning when the nozzle is open or hose is damaged.
- Rear mount filter kit.

Models

Model 620 - 12VDC basic pump with hose and manual nozzle.

Model 617 - 24VDC basic pump with hose and nozzle.

3460-4J - Meter register kit.

Model Suffix

- **B** - Vacuum breaker.

Delivery Rate

Up to 20 GPM (76 LPM).*

Pumping Unit

Self-priming, direct drive rotary vane. Check valve with pressure relief. Stainless steel bypass valve.

Strainer

30 or 100 mesh nylon.

Motor

Explosion-proof, UL-listed 1/4 hp, 2500 RPM. Permanent magnet with sealed ball bearings.

Power Requirements

12VDC, 26 amps (pumping); 24VDC, 13 amps.

Power Cable

15' (4.6m), 10 AWG with battery clips.

Finish

High-gloss urethane. Painted red or specify color.

Connections

2" (5.08cm) NPT for tank opening. Suction: 1" (2.54cm) NPT. Discharge outlet: 1" (2.54cm) NPT.

Hose and Nozzle

1" x 12' (2.54cm x 3.6m) hose with integral static discharge wire. Manual self-closing nozzle.

Telescoping Suction

23" to 42" (58.4cm to 106.7cm) polyethylene adjustable suction pipe.

Packing Dimensions

20" x 8 3/4" x 11" (51cm x 22cm x 28cm); 3460-4J meter, 14" x 10 3/8" x 12" (36cm x 26cm x 12cm).

Shipping Weight

Model 620 & 617: 48 lbs (21.8 kg).

3460-4J meter kit: 10 lbs (4.5 kg).

Approvals

UL-listed

WARNING

Gasboy products must be installed and used in conformance with all building fire codes and other safety requirements applicable to its installation and use including, but not limited to, NFPA30A, NFPA70 and NFPA395. This product should not be used for pumping fuel or other liquids into aircraft, and is not recommended where sanitary design is required (for food products for human consumption) or for use with water-based liquids. Federal D.O.T. regulations prohibit dispensing flammables, such as gasoline, from portable tanks. All sales subject to Gasboy's standard consumer pump warranty.

* GPM ratings are based on tests under ideal conditions. Filters, automatic nozzles, longer hoses, etc. will reduce flow rate.



Model 620 with optional meter kit.