

Model 72S

Compact Electric Pump for Aboveground Tanks



For private motor fuel dispensing applications, Gasboy offers the Model 72S Compact Electric Pump. Designed for use with aboveground tanks, the 72S features a 4-wheel register to record even the largest fuel transactions. The 72S is equipped with a unique push-button reset register that makes resetting to zero easier than ever.

The 72S pump, driven by a powerful 1/3 HP motor, fuels gasoline, diesel, kerosene and up to 15% methanol or ethanol blends. The Model 72S features a pump that is separate from the motor assembly. This design prevents the possibility of product leaking into the motor due to worn pump seals.

Each time the nozzle opens, the pump bypass valve slams shut. While competitive models use an inexpensive plastic bypass valve, the 72S features a heavy-duty, stainless steel bypass valve to provide trouble-free operation.

For a pump that provides durability, contact your local Gasboy distributor.

Model 72S Standards and Specifications

STANDARD FEATURES

- Delivery Rate: up to 18 GPM (68 LPM 60 Hz models, 57 LPM 50 Hz models).*
- Pump and motor are separate units to increase reliability and make servicing easier.
- Motor is equipped with an auxiliary AC line to control a solenoid valve in remote mount installations.
- Exclusive install-a-socket eliminates the need to install the pump with a suction pipe attached.
- Heavy-duty 23 PSI (1.6 bars) stainless steel bypass valve features a brass sleeve for smooth travel and reliable operation.
- Internal check valve lets you start pumping immediately. An integral pressure relief valve relieves product expansion to protect pump seals.
- Enclosed nozzle boot protects the nozzle spout from rain.
- Vacuum breaker located in the discharge casting to prevent accidental siphoning when the nozzle is open and lower than the product level.

Options

- Liter measure up to 999.9 liters.
- Vapor recovery (VR) models include a nozzle boot to accommodate a vapor recovery nozzle. Supplied less hose, nozzle and splitter.
- Shelf kit for mounting pump on the front of an aboveground tank.
- Farm type automatic nozzle fits the standard nozzle boot.
- Vacuum breaker return line kit includes tubing and fittings to return vapor from the vacuum breaker to the tank.

Model Nomenclature

Model 72S - Basic pump with 4-wheel meter-register with hose and nozzle.

Model 73 - Model 72S, less meter-register. Includes hose and nozzle.

Model 72X - Model 72S, less meter-register, hose and nozzle.

Model 72S+VR - Model 72S, with vapor recovery nozzle boot, less hose, nozzle and splitter.

Option Suffixes

L - Liter measure.

VR - Vapor recovery nozzle boot (supplied less hose, nozzle and splitter).

25 - 230 VAC, 50 Hz motor

Delivery Rate

Up to 18 GPM (68 LPM 60 Hz models, 57 LPM 50 Hz models).*

Register

4-wheel push-button reset. Includes 7-digit master totalizer.

Meter

Nutating disc phenolic measuring chamber in aluminum die cast housing. Adjustable calibration +/-0.5% at full flow.

Pumping Unit

Self-priming, direct drive rotary vane. 23 PSI (1.6 bars) stainless steel bypass valve. Check valve with pressure relief valve.

Strainer

100 mesh nylon.

Motor and Power Requirements

Explosion-proof, 1/3 HP, 1725 RPM, 115 VAC, 60 Hz motor with thermal overload protection and auxiliary AC line. Includes AC junction box. Optional: 230 VAC, 50 Hz.

Finish

High-gloss urethane, painted red or specify color.

Hose and Nozzle

12' (3.66 m) hose with integral static discharge wire. Manual self-closing nozzle.

Connections

2" (5.08 cm) NPT for tank opening; suction: 1" (2.54 cm) NPT. Discharge outlet: 3/4" (1.91 cm) NPT.

Packing Dimensions

18 1/4" x 15 3/8" x 14 3/16"
(46.36 cm x 39.05 cm x 36.04 cm)

Shipping Weight

Model 72S: 56 lbs. (25.4 kg)

Model 73: 50 lbs. (22.7 kg)

Model 72X: 44 lbs. (20 kg)

Model 72S-V: 50 lbs. (22.7 kg)

Approvals

UL Listed, cUL Listed

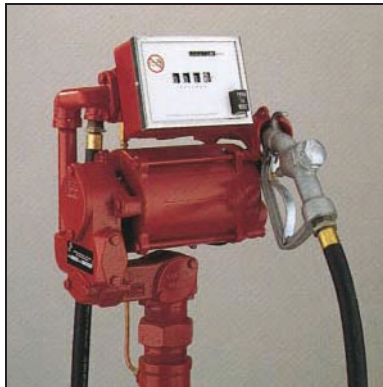
WARNING

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. All sales subject to Gasboy's standard warranty.

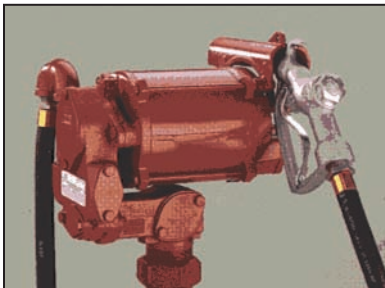
* GPM/LPM ratings are based on tests under ideal conditions. Filters, automatic nozzles, longer hoses, etc. will reduce flow rate.



Model 72S+VR



**Model 72
with vacuum breaker return line kit**



Model 73

