

THE SPLIT 70 SERIES TRANSFER PUMP



For private motor fuel dispensing applications, your innovative solution is the Gasboy SPLIT. Specially designed for use with aboveground tanks, the SPLIT introduces a unique type of remote dispenser, one that can be mounted on the side of an above-ground tank or mounted on a pedestal. You have easy access to the nozzle, and a convenient view of the register display.

Thoughtful features make the SPLIT easy to use. The unique push-button reset zeroes the 4-wheel register to zero with a single push. The front load nozzle boot doubles as the on/off switch, allowing one-handed dispenser activation; simply remove the nozzle and use the nozzle to raise the large paddle switch up to the on position.

The SPLIT pumping unit, mounted on top of the tank, is driven by a powerful 1/3 HP motor. Compatible fuels include gasoline, diesel, kerosene and up to 15% methanol or ethanol blends. Gasboy's unique pump design features a pump assembly separate from the motor assembly. Unlike other brands that have the pump double as the end bell of the motor, our design makes it easier to service the motor, and does not simply rely on the pump seals to separate fuel from the motor.

With all pump designs, each time the nozzle opens, the integral pump bypass valve slams shut. While competitive models use an inexpensive plastic bypass valve, the SPLIT pump features a heavy-duty stainless steel bypass valve, that travels in a smooth brass sleeve, providing years of trouble-free operation.

STANDARD FEATURES

- Delivery Rate: up to 18 GPM (68 LPM 60 Hz models, 57 LPM 50 Hz models)
- Separate pump and motor assemblies increase reliability and make servicing easier.
- The motor features an auxiliary AC line to control the solenoid valve in the remote dispenser.
- A high flow 1" solenoid valve in the dispenser housing prevents accidental siphoning from the pump when the system is not in use.
- 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.
- Front load nozzle boot accommodates all UL interchangeable nozzles. Automatic nozzle provided as standard. Includes sliding lock mechanism.



Model 74 with optional mounting pedestal

MODEL NOMENCLATURE

Model 74 – Includes pumping unit, remote dispenser, hose and automatic nozzle.

Model 71 – Dispenser cabinet only—includes remote dispenser, hose and automatic nozzle.

089700 – Stand alone pedestal for remote mounting of dispenser.

089701 – Pumping unit only—supplied less remote dispenser, hose and nozzle.

OPTION SUFFIXES

- L – Liter measure.
- 2 – 230 VAC, 60 Hz
- 25 – 230 VAC, 50 Hz
- SS – Stainless steel cabinet
- C – 10:1 pulser
- F – Filter Kit

PUMPING UNIT

• PUMP SPECIFICATIONS

Self-priming, direct drive, rotary vane design. Sintered bronze/graphite vanes, iron rotor and stainless steel bypass valve (23 PSI). Check valve with pressure relief. 30 mesh stainless steel strainer.

• MOTOR SPECIFICATIONS

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 or 60HZ

• CONNECTIONS

2" (5 cm) NPT for tank opening; suction: 1" (2.5 cm) NPT. Discharge outlet: 1" (2.5 cm) NPT.

• FINISH

High-gloss red urethane.

REMOTE DISPENSER

• METER/REGISTER

4-wheel push-button reset. Includes 7-digit master totalizer. Nutating disc, phenolic measuring chamber in an aluminum die cast housing. Adjustable calibration +/- .5% at full flow. Factory calibrated for diesel fuel.

• CABINET

Carbon steel construction with a fully alloyed iron-zinc coating on both sides, provides an industry-best finish with a long-lasting corrosive resistance. Housing is painted with a black urethane finish accented by a red/gray panel.

• SOLENOID

Dual stage, high-flow 1" (2.5 cm) solenoid valve.

• HOSE AND NOZZLE

1" x 12' (3.7 m) hose with integral static discharge wire. Automatic farm type nozzle.

SHIPPING WEIGHT

Model 74: 95 lbs.

Model 71: 53 lbs.

APPROVALS

UL Listed, CSA Certified

WARNING

Failure to follow these instructions may result in property damage, personal injury, or loss of life. Gasboy products must be installed by a qualified installer and used in conformance with all building, fire, and environmental codes and other safety requirements applicable to their installation and use, including, but not limited to, NFPA 30, NFPA 30A, NFPA 70 and NFPA395. This product is only part of a fuel dispensing system, and additional equipment and accessories, such as, but not limited to, breakaway connectors, shear valves, pressure regulators, and other safety devices may be necessary to meet the applicable codes. Qualified installers shall be familiar with fuel system installations under the above stated building, fire, and environmental codes and other safety requirements required for the particular type of installation. Gasboy dispensers shall not be used for the direct fueling of aircraft. All sales subject to Gasboy standard warranty.