

580 Series

Great Performance and a Great Value.



Designed for private fleet fueling applications, a 580 series dispenser is dependable, rugged and a great value. What makes this fleet dispenser such a great value is the integral, heavy-duty belt-driven pump, powered by a continuous duty motor; a feature typically only available in higher priced models. An internal check valve is standard, eliminating the need to add the extra cost of an external valve on a new installation.

Models are available for both gasoline and diesel applications, with flow rates up to 83 LPM (22 GPM).

Specifically designed for both underground and aboveground tank installations, this fleet dispenser features a compact cabinet design that takes up very little island space. The front and back panels are removable, simplifying both installation and service. The exterior of the cabinet is constructed from fully alloyed zinc coated, carbon steel which offers superior corrosion resistance.

The meter/register includes a 4-wheel register that is reset with a simple push of a button. A master totalizer tracks the accumulative total of all fuelings. The meter includes a nutating disc measuring chamber with an accuracy adjuster that is easily accessible.

To find out more about Gasboy and our other fuel dispensers and fuel management systems, please contact your local Gasboy distributor or visit us at www.gasboy.com.



GASBOY

Fleet Management • Commercial Dispensers • Liquid Transfer Pumps • Service and Support

580 Series Specifications

STANDARD FEATURES

Delivery Rates

Model 583: Up to 22 GPM (83 LPM)

Model 582: Up to 15 GPM (57 LPM)

Fluid Compatibility

Diesel, gasoline, kerosene, gasolines blended with up to 15% methanol/ethanol.

Pump Specifications

Self-priming, belt drive, rotary vane design. Features carbon vanes, cast iron rotor and stainless steel bypass valve (34 PSI). Meter check valve with pressure relief. Internal check valve to maintain prime. External check valve is not required.

70 micron nylon strainer provided for diesel, 380 micron for gas applications.

Motor Specifications

Model 583: $\frac{3}{4}$ HP (.56 kW)

Model 582: $\frac{1}{2}$ HP (.37 kW)

60 Hz motors are 1725 RPM, 50 Hz motors are 1425 RPM. All motors are rated for continuous duty. 115 VAC 60 Hz motor is dual voltage, field convertible to 230 VAC or 50 Hz. Units factory ordered for 50HZ will have different pulleys to maintain advertised flow rate. Idler pulley standard on all models to facilitate belt adjustment.

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 +/- 0.5% at full flow. Factory calibrated for diesel or gasoline.

Model Nomenclature

Model 583 - High speed up to 22 GPM (83 LPM), recommended for diesel applications.

Model 582 - Standard speed, up to 15 GPM (57 LPM), recommended for gasoline applications.

Option Suffixes

- **R** - Liter measure.
- **2** - 230 VAC, 60 Hz
- **25** - 230 VAC, 50 Hz
- **3** - 380 VAC, 50 Hz
- **SS** - Stainless steel cabinet
- **CX** - 10:1 pulser
- **F** - Internal filter
- **K** - Manual hand crank
- **+ exp** - Export packaging

Cabinet

Carbon steel construction with a fully alloyed iron-zinc coating on both sides, provides long-lasting corrosive resistance. Finish is a high-gloss urethane. Side, top, front bezel and rear panels are black. Front panel is red.

Hose (Supplied Less Nozzle)

Model 583- 1" x 12' (2.5 cm x 3.7 m)

hose with integral static discharge wire.

Model 582- $\frac{3}{4}$ " x 12' (1.9 cm x 3.7 m)

hose with integral static discharge wire.

Suction Connection

1 $\frac{1}{2}$ " (3.8 cm) NPT

Packing Dimensions

30"W x 20"D x 43"H

(76 cm x 51 cm x 110cm)

Approvals

UL Listed, cUL Listed

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.

