

RELIANCE® S1 SHELF-MOUNT FLEET FUEL DISPENSER



Wayne
FUELING SYSTEMS



Wayne Reliance S1 Shelf-Mount Fleet Fuel Dispenser

Capturing the best of large fleet dispenser performance in a compact design, the Reliance® S1 fuel dispenser is ideal for Aboveground Storage Tank (AST) applications. Its small cabinet attaches easily to an AST shelf, yet it features the same capabilities as standard full-length cabinet fleet dispensers.

In combination with a submersible pump or tank-mounted suction pump (transfer pump), the Reliance S1 remote dispenser creates an efficient, space-saving AST fueling system, and its compact size and low nozzle position make it a great choice for other special applications such as marinas. The Reliance S1 AST's durable construction and reliable, time-proven components deliver years of dependable fleet fueling functionality.

Big performance in a small package

With all of the heavy-duty features and components found in a full-length Reliance remote dispenser, the Reliance S1 AST enables fast fleet fueling with flow rates up to 22 GPM*. Micro-accurate two piston displacement meters accurately track fuel flow and are weights and measures sealable. Additionally, the power reset function with interlock automatically resets the register when the dispenser is turned on, and the mechanical register provides simple, reliable functionality. The Reliance S1 AST also includes a solenoid valve for positive fuel control. Large inlet/outlet castings, one-inch internal piping and discharge connections further enhance flow performance.

Configurable to a wide range of requirements

The Reliance S1 AST has many options available so you can select the dispenser that meets your exact needs. Pulsers enable connection to popular fuel control systems and easily accessible external filters can help ensure fuel purity while simplifying maintenance. Select the hose mast option to ease hose handling and to keep hoses out of the fueling lane, or choose stainless steel panels for increased protection against the harsh elements.

E85 option for tomorrow's fueling today

The UL-listed Reliance S1 E85 option** (E/model prefix) features ethanol-compatible construction and materials that also work well with standard petroleum products like gasoline or diesel. It allows you to deliver traditional fuels now with the flexibility to easily add alternative products to your offerings at any time. Incorporating special elastomers, electroless nickel-plating, hard anodizing and stainless steel, the Reliance S1 E85 model is equipped to handle the growing use of alternative fuels.

Exceptional durability

Engineered with field-proven components, the Reliance S1 AST withstands rough use and exposure to the elements. Its attractive powder-coated finish lasts for years in tough settings, and the cabinet panels are made from galvanized steel for corrosion resistance. Plus, the stainless steel option is available for extremely corrosive situations. Sturdy mechanical registers are reliable and require minimal maintenance, and the dispenser does not rely on gaskets that can deteriorate for weather-sealing.



The Reliance S1 AST combines space-saving design with full-featured performance

- Compact size is ideal for AST shelf-mounted applications and other special situations like marinas
- Accurately records fuel usage with a weights and measures sealable meter
- Available in an E85 compatible model for an easy transition to alternative fueling

Specifications

Model Number: Prefix / G6101D / Suffix 1 Options / Suffix 2 Options (e.g. / G6101D / 2JK / W1) Standard model includes the following options as standard: 1" piping [2], j-box [J], hose hanger [K], solenoid valve [/W1]. Option prefix or suffixes are noted in the options below in []. A "/" (e.g. [/W1]) indicates a suffix 2 option.

Performance: Up to 22 GPM (83 lpm)*.

Compatibility: For dispensing low viscosity petroleum fuels - diesel; biodiesel blends up to 20%; gasoline, including oxygenated blends; kerosene; AvGas[^], and jet fuel[^]. See E85 option and approvals. Fuel must meet the applicable ASTM standard.

[^]Note: Confirm with fuel supplier on any fluid path metal restrictions before use. Install the proper filtration and water separation equipment necessary for aviation fueling.

Register: Non-computer mechanical register with power reset with interlock. Up to 999.9 gallons per delivery. Non-resettable accumulative totalizer up to 9999999.9. Optional liters measure.

Meter: Reliable micro-accurate 2-piston positive displacement design. Weights & Measures sealable.

Solenoid Valve [/W1]: 1" (2.5 cm) two-stage valve. Single stage valve with E85 option.

Electrical: 115VAC, 60 Hz. Optional 230VAC 50/60 Hz operation [Z].

Inlet Connection: 1½" (3.8 cm) NPT. Bottom access hole sized for 1½" emergency valve installation.

Discharge: 1" (2.5 cm) with ¾" reducing bushing.

Mounting: Four 7/16" (1.1 cm) mounting holes in bottom. Optional shelf-mount kit.

Cabinet Construction: All panels are fabricated from galvanized steel for corrosion resistance. Front door includes lock and is removable for service. Outer sides, back, and top are removable for additional service access if required.

Cabinet Finish: Extremely durable powder-coated finish gives outstanding appearance and toughness. Metallic silver sides, top, and back. Blue door with black register decal. Optional black, brown, green, red, silver, yellow, or white doors.

Nozzle Boot and Hook: Fits standard UL interchangeable nozzles. Also fits Emco Wheaton 4015 and Husky V short spout balance vapor recovery nozzles. Hook extension kits+ for OPW 11VF (p/n 892081-001) and Healy 400 (p/n 892080-001) long spout vapor recovery nozzles. Lift-to-start nozzle hook.

Hose Hanger [K]: Keeps hose off ground when not in use.

Actual Dimensions: 30.25"H x 16.75"W x 14"D (76.8cm H x 42.5cm W x 35.6cm D)

Pressure: Working pressure up to 50 psi.

Approvals: C-UL-US -includes diesel; biodiesel blends to B5; gasoline including ethanol blends to E10 (to E85 with E85 option - UL only); & kerosene. U.S. Weights & Measures - includes diesel; biodiesel; gasoline including oxygenated blends; kerosene; AvGas; and Jet Fuel.

Options

Shelf-Mount Kit+: Carbon steel shelf brackets for mounting dispenser to tank. Black powder coat finish. P/n 891839-001.

Pulsers: 10:1 [7A] and 100:1 [7B] ratio options.

E85 [E/ prefix]:** Utilizes nickel-plating, hard anodizing, stainless steel, and special elastomers for E85 compatibility.

Hose Mast [/J]: Raises hose to ease hose handling. Optional hose clamp kit+ (p/n 890898-001) for Goodyear® vapor recovery hose.

External Filter Kit+: Installs on discharge. P/n 889921-002.

Stainless Steel: All exterior panels [/S], all panels except painted galvanized steel doors [/S1], or stainless steel doors only [/S2].

Other Options: Liter measure [8] and 230VAC 50/60 Hz operation [Z].

Rear View Shown

VR register with power reset (10:1 or 100:1 pulser option)

Removable service panels facilitate service

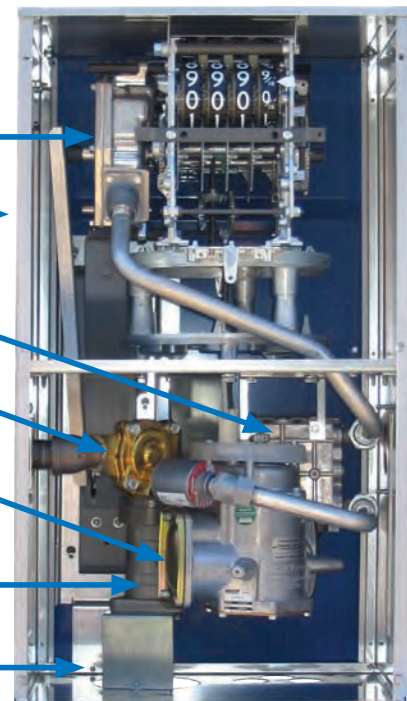
J-box for AC & pulser terminations

1" two-stage solenoid valve

Weights & Measures sealable 2-piston meter

Vertical strainer with 1½" dispenser inlet

5" clearance hole for mounting 1½" shear valve



*Note: Kits require field installation.

*Flow rates are maximum test rates at discharge. Actual rates will depend upon installation conditions, dispenser accessories and the size of the submersible or suction pump.

**E/models are UL Listed for ethanol blends up to E85 as well as gasoline and diesel. Select only hose and nozzle accessories that are expressly compatible with the fuel type being dispensed.

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