

RELIANCE® G5200 SERIES RETAIL MECHANICAL DISPENSERS



Wayne
FUELING SYSTEMS



2 | Wayne



Wayne Reliance G5200 Series Retail Mechanical Dispensers

Designed to deliver reliable, long-term retail fueling performance in the harshest environments, the Wayne Reliance G5200 Series retail fleet dispenser combines a modern durable cabinet with a dependable mechanical sales register display. Heavy duty construction, sturdy materials and time-proven components make this dispenser an excellent fit for small service stations, marinas, airports and specialized applications like kerosene dispensing. It is a simple, economical solution built for years of hassle-free retail functionality.

Durable construction withstands tough environments

The Reliance G5200 dispenser stands up to outdoor exposure and rough use with a tough powder-coated finish, corrosion-resistant galvanized steel exterior and 14-gauge side panels along with 18-gauge doors. The high grade 304 stainless steel option with a complete stainless steel exterior cabinet including side structural columns and bases provides the added durability of stainless steel construction that is especially useful in waterfront applications such as marinas. For increased weather-resistance, there are no gaskets that can deteriorate or lose effectiveness over time. With special rain deflectors behind the bottom of the doors, any water intrusion caused by driven rain is redirected away from the containment pan.

Highly configurable

The Reliance G5200 dispenser is available in many configurations so you can select the model that best meets your requirements. Choose from three dispenser and four suction pump models. There is also an UL-listed E85 option for compatibility with ethanol fuel, and you can select Healy VAC vapor recovery for environmental considerations. Additionally, choose to incorporate internal hose retractor or hose mast options to ease hose handling.

Standard features deliver superior value

The dispenser features a V/R 10 computing mechanical register that displays sales prices up to \$9.99 and offers power reset interlock functionality. For night viewing, lights illuminate the register displays and product identification panels. All user controls meet Americans with Disabilities Act (ADA) requirements, and nozzle boots fit both standard and vapor recovery nozzles. All remote dispensers come with satellite piping connections for use with the satellite dispenser models.



Reliable performance

The Reliance G5200 dispenser delivers superior operation and performance with flow rates up to 22GPM*. Features such as large inlet/outlet castings, as well as one-inch internal piping and discharge connections improve performance. The one-inch hose discharge includes a $\frac{3}{4}$ inch adapter allowing all models to be easily adapted to either hose size for standard gasoline or high flow diesel applications. Internal filters help ensure product purity, and micro-accurate positive displacement two-piston meters accurately track fuel usage.

In addition, one horsepower motors on the suction models offer excess motor capacity that enables high power fueling and extended motor life. Suction models also feature gear-type pumping units that help ensure years of dependable use.

Easy to install and use

Field-proven Wayne components offer durability, reliability and easy maintenance. A single AC power line feed makes retrofitting existing installations simple. Hinged doors make it quick and easy to access internal components for servicing, and vertical strainer removal minimizes spills during cleaning. Mechanical registers further reduce maintenance costs through simplicity and durability.

Ready for tomorrow's fuels today

The UL-listed Reliance E85** option (E/ model prefix) employs special elastomers, electroless nickel-plating, hard anodizing, stainless steel, black iron piping and a special ethanol-compatible filter to provide compatibility with E85 fuel. The E85 option is available for all remote dispenser models and is also compatible with standard petroleum products like gasoline and diesel. Dispense E85 today or utilize standard fuels with the peace of mind that you are prepared for conversion to alternative fuels in the future.

Standard Features

- Powder-coated finish
- Galvannealed steel cabinet panels and supports
- V/R 10 computing mechanical register with power reset interlock
- Lights
- Gear-type pumping units on suction models
- One horsepower motor on suction models
- Two-piston positive displacement meter
- Large inlet/outlet castings
- One-inch internal piping
- Internal satellite connection port for remote models
- Internal filters
- Four-year anti-corrosion warranty
- Single AC power line

Optional Features

- Stainless steel panels
- E85 compatibility
- High hose mast and internal retractors
- Inlet check valve
- Solenoid valves on suction models
- External filter kits
- Pulsers
- Factory-installed Healy VAC vapor recovery
- Liter measure
- 230VAC operation
- 50 Hz operation



The Reliance G5200 dispenser offers reliability, durability and modern aesthetics

- Durable mechanical sales register provides dependable, economical retail performance
- Sturdy construction and time-proven components withstand years of harsh conditions
- Many configuration options are available to match your exact requirements

G5200 Specifications

Performance: Up to 22 GPM (83 lpm) per hose (exception: Twin I suction is 22 GPM per one hose operating, or 12 GPM (45 lpm) per hose with both operating).

Note: Specified rates are maximum test rates at the discharge. Actual flow rates will depend upon the installation conditions, dispenser accessories, and for remote dispensers, size of the submersible pump.

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: V/R10 computing mechanical register with power reset with interlock. Displays on both sides of cabinet. Maximum sale \$999.99. Maximum volume 999.9. Maximum price \$9.99. Right hand money wheel displays in tens with indicator lines for every two cents.

Totalizer: Non-resettable sale totalizer up to \$999999.9 and volume totalizer up to 999999.9. Display on front dial face.

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

Pumping Unit++: Positive displacement, self-priming, gear-type pumping unit with integral centrifugal air separator and adjustable bypass valve. Suction strainers at inlet connection.

Motor++: 1-HP continuous duty with thermal overload protection. Adjustable V-link belt connects to pump pulley.

Electrical: 115VAC, 60Hz operation. Motors – 115/230VAC 50/60Hz.

Internal Filter [G]: Adapter with ten-micron filter helps ensure product purity.

Inlet Connection: 1½" (3.8 cm).

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

Solenoid Valve [/W1]: 1" (2.5 cm) two-stage valve. Standard on remote dispensers and Twin I suction. Also provides slow flow control for fuel control systems. With E85 option, valve is single stage.

Satellite Connection: Discharge assembly includes 1" NPT (2.5 cm) internal port for satellite piping connection on remote dispensers.

Cabinet Finish: Extremely durable powder-coated finish gives outstanding appearance and toughness. Sides, top, bezel, and base painted silver. Doors painted blue (optional black, brown, green, red, silver, yellow, or white). Black register face.

Cabinet Construction: All panels are fabricated from heavy gauge galvanized steel. 14-gauge side panels and 18-gauge doors. G90 internal brackets and shelves.

Light [/A]: Illuminates register faces and backlights the translucent product id panels (specify product(s) with order). One bulb per side.

Nozzle Boot and Hook: Fits standard U.L. interchangeable automatic nozzles. Hook may be adjusted for an OPW 11-VF long spout balanced vapor recovery nozzle. Optional boot hood for fitting short spout balanced vapor recovery nozzles.

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

Actual Dimensions:

32.25" W x 19.38" D x 54.38" H

(81.9 cm W x 49.2 cm D x 138.1 cm H)

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.

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

*** Note: "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 dispensed.*

Options

Stainless Steel Panels: Ideal for very corrosive environments. All exterior panels [/S], all panels except painted galvanized steel doors [/S1], or stainless steel doors only [/S2].

E85 Option [E/ prefix]: Remote dispensers only. Utilizes nickel-plating, hard anodizing, stainless steel, black iron piping, special elastomers, and a special filter for E85 compatibility. The E/ option is only UL listed for gasoline and diesel.

Pulsers: Transmit electrical pulses for each register revolution for connection to fuel control systems. 100:1 money [7C], 10:1 volume [7A], or 100:1 volume [7B] ratio options available.

Hose Mast Kit+ [/J]: Raises hose to ease hose handling and help keep stored hose out of the fueling lane. Optional hose mast clamp kit+ (p/n 890898-001) for Goodyear® vapor recovery hose.

HealyVac Vapor Recovery: Remote dispensers only. Factory-installed Healy vapor recovery components for ORVR and EVR applications. One hose [D3] or two-hose [D4] options. Does not include hanging hardware.

Electrical Options: 230VAC 60 Hz operation [Z]. For 50 Hz also add [/C].

Other Options: Liter measure [8], internal hose retractor [/H], inlet check valve [/M], external filter kit+ (p/n 889921-001), solenoid valves [/W1] on suction models, & short spout vapor recovery nozzle hood kit+ (p/n 892101-001).

N287S and N288S

Satellite Specifications

Cabinet Finish: Metallic silver sides and top with blue doors (optional black, brown, green, red, silver, yellow, or white doors).

Cabinet Construction: Heavy gauge galvanized steel.

Inlet Connection: 1½" NPT (3.8 cm)

Solenoid Valve: 1½" (3.8 cm) two-stage.

Electrical: 120VAC, 60 Hz.

Discharge: 1" NPT (2.5 cm)

Nozzle Boot: Fits UL interchangeable nozzles. Lane-orientation. Lift nozzle hook to start operation.

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

Actual Dimensions: 35" W x 20" D x 41.5" H (88.9cm W x 50.8cm D x 105.4cm H)

Approvals: UL includes diesel; biodiesel blends to B5; gasoline including ethanol blends to E10 (to E85 with E85 option – UL only); & kerosene.

Options: All stainless steel cabinet [/S], stainless steel sides and top with painted doors [/S1], or stainless steel doors only [/S2]. External filter kit+ (p/n 889921-001).

++Note: Applies to suction models only

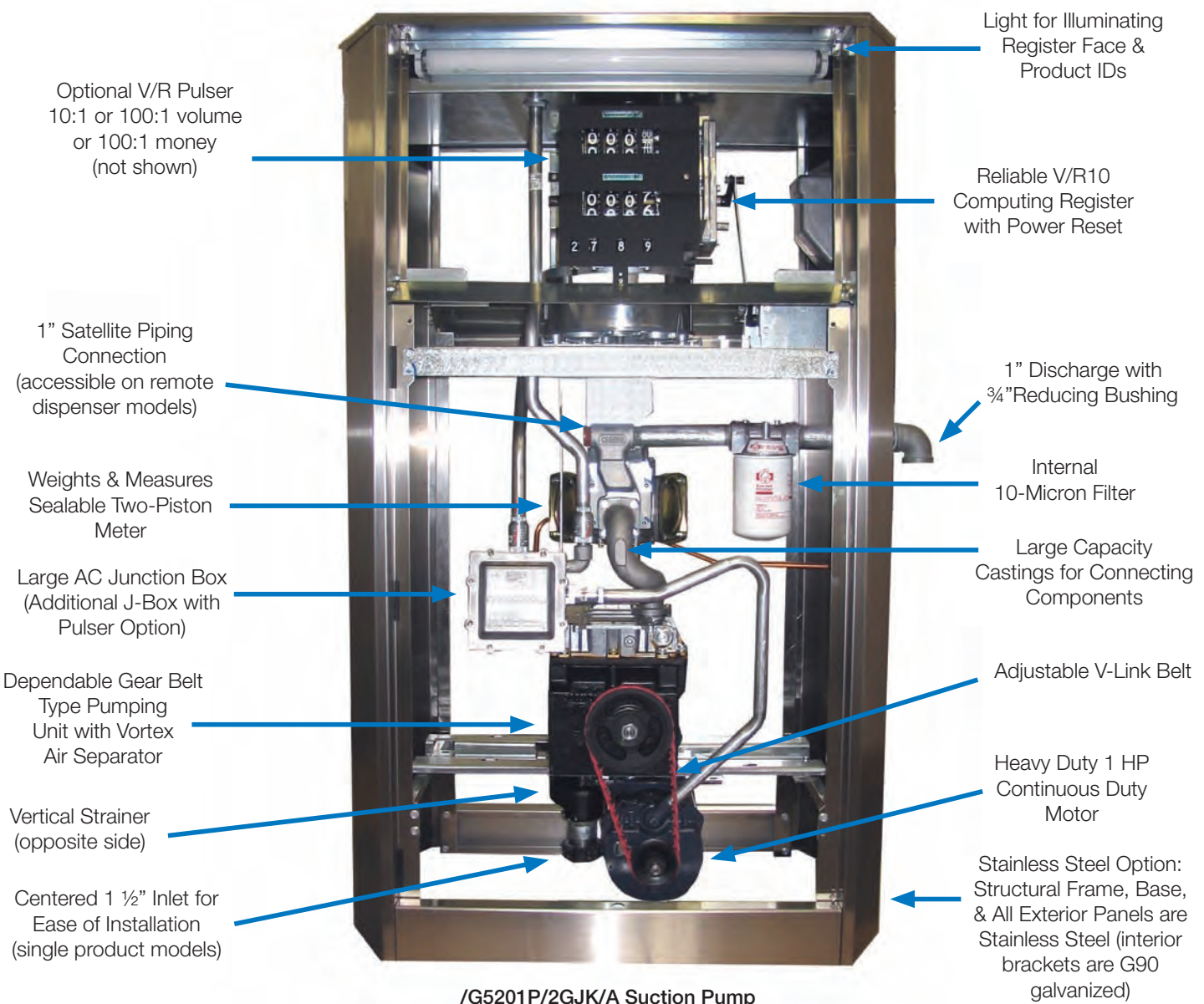
+Note: Kits require field assembly

Reliance G5200 Models

| Model Number | Type | Hoses | Products | Pumps | Motors | Solenoid Valves |
|--------------------------|-----------|-------|----------|-------|----------|-----------------|
| Suction Pumps | | | | | | |
| /G5201P/2GJK/A | Single | 1 | 1 | 1 | (1) 1 HP | Option |
| /G5202P/2GJK/AW1 | Twin I | 2 | 1 | 1 | (1) 1 HP | 1" (2.5 cm) |
| /G5205P/2GJK/A | Twin I HS | 2 | 1 | 2 | (2) 1 HP | Option |
| /G5203P/2GJK/A | Twin II | 2 | 2 | 2 | (2) 1 HP | Option |
| Remote Dispensers | | | | | | |
| /G5201D/2GJK/AW1 | Single | 1 | 1 | N/A | N/A | 1" (2.5 cm) |
| /G5202D/2GJK/AW1 | Twin I | 2 | 1 | N/A | N/A | 1" (2.5 cm) |
| /G5203D/2GJK/AW1 | Twin II | 2 | 2 | N/A | N/A | 1" (2.5 cm) |
| Satellites | | | | | | |
| N287S/KR | Single | 1 | 1 | N/A | N/A | 1.5" (3.8 cm) |
| N288S/K | Twin | 2 | 2 | N/A | N/A | 1.5" (3.8 cm) |

Model Number Format: / Base Model / Suffix 1 Options / Suffix 2 Options (e.g. / G5201P / 2GJK / A) All non-satellite models include the following options as standard: 1" piping [2], internal filter [G], AC j-box [J], hose hanger [K], and Light [/A]. Option suffixes are noted in the specifications in [].

A "/" (e.g. [/A]) indicates a suffix 2 option.



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