

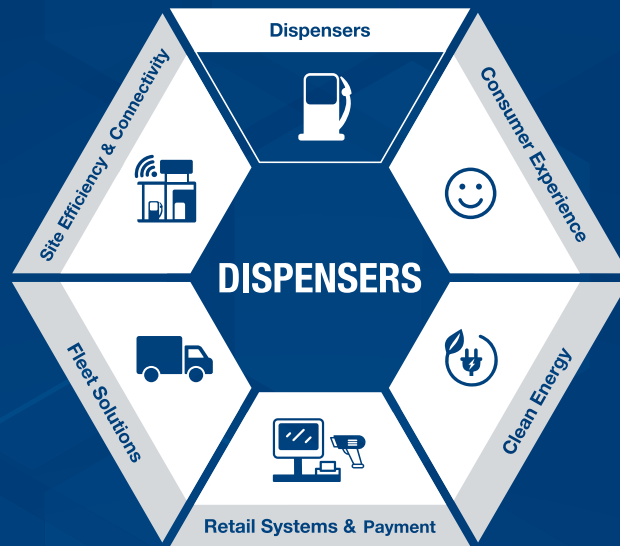


**Innovative.
Compact.
Cost-effective.
DEF-Compatible.**

Wayne Select[®] S1 compact
electronic DEF dispensers for
fleet and retail



Visit Website



Compact Design with Full-Featured Performance

Wayne Select S1 compact electronic DEF dispensers for fleet or retail applications capture the best of large DEF dispenser performance in a more compact, space-saving design. A variety of cold and warm-climate models ensures there is a DEF solution best-suited for your application, region, and site layout. Innovative user features and special DEF-compatible components provide you with dispensers that are both easy to use and maintain.

Wayne Select S1 electronic DEF dispensers are equipped with the same cutting-edge electronics, extra-large displays and latest metering technology as our premium retail dispensers. Combined with rugged construction, the result is long-lasting, high performance dispensing functionality. Many common components with our fleet and retail dispensers provide additional benefits of readily available service parts and technicians nationwide.

Match Your Site Needs



*Wayne Select® S1 cold-climate
DEF dispenser, single-sided*

Climate Compatibility

DEF freezes at 12°F (-11°C) temperatures. Cold-climate models for regions where temperatures can reach 12°F or below include a separate innovative, heated hydraulic and hose cabinet to protect DEF-handling components from freezing.

Warm-climate models for regions where temperatures do not drop reach 12°F offer a very compact configuration with the DEF hydraulic components in the main cabinet beneath the electronic register and have a traditional exposed nozzle and hose. OEM manufacturers can mount Wayne Select S1 warm-climate DEF dispenser models in heated tank enclosures as another cold-climate alternative.

Retail Versus Fleet Configurability

All Wayne Select S1 DEF dispenser models can be customized for private fleet or retail applications. Fleet configurations include large gallons or liters displays and a status display to provide user operating messages. Retail configurations include total sale, gallons or liters, and unit price displays for the resale of DEF.

All configurations also include a separate display for warnings and diagnostic information. The standard serial communications, or an optional pulse output interface, allow connection to popular fleet fuel control or Point of Sale (POS) systems. A modular design allows in-dispenser payment terminal options to provide the same secure EMV-compliant payment convenience as full-size premium retail dispensers.



*Wayne Select® S1 warm-climate DEF
dispenser, single-sided, mounted on
optional pedestal*



Wayne Select® S1 warm-climate DEF dispenser, single-sided on optional pedestal

Installation Flexibility

Cold-climate DEF models are designed for island mounting. Warm-climate models have the flexibility to be mounted on a shelf or pedestal so you can determine just the right height for user convenience. A factory shelf kit provides an economical mounting option for these warm-climate models, or choose pedestal-mounting kits for mount-anywhere flexibility.

A warm-climate pedestal containment option provides a polyethylene containment pan inside the pedestal for aboveground storage tank applications. All models can be installed with underground piping. A cold-climate piping kit adds the capability to bring insulated piping from overhead into the top of the hose cabinet. Warm-climate pedestals are predrilled for aboveground piping.

DEF Compatibility & Service Continuity

A special-coated Wayne iMeter™ fuel meter handles unique DEF requirements. Stainless steel tubes with Wayne® double-bump connections simplify component replacement. Utilizing standard components allows technicians to employ their knowledge and best practices from fuel dispensers. The duplex Wayne iMeter fuel meter allows two sides to be handled by a space-saving single hydraulic cabinet.



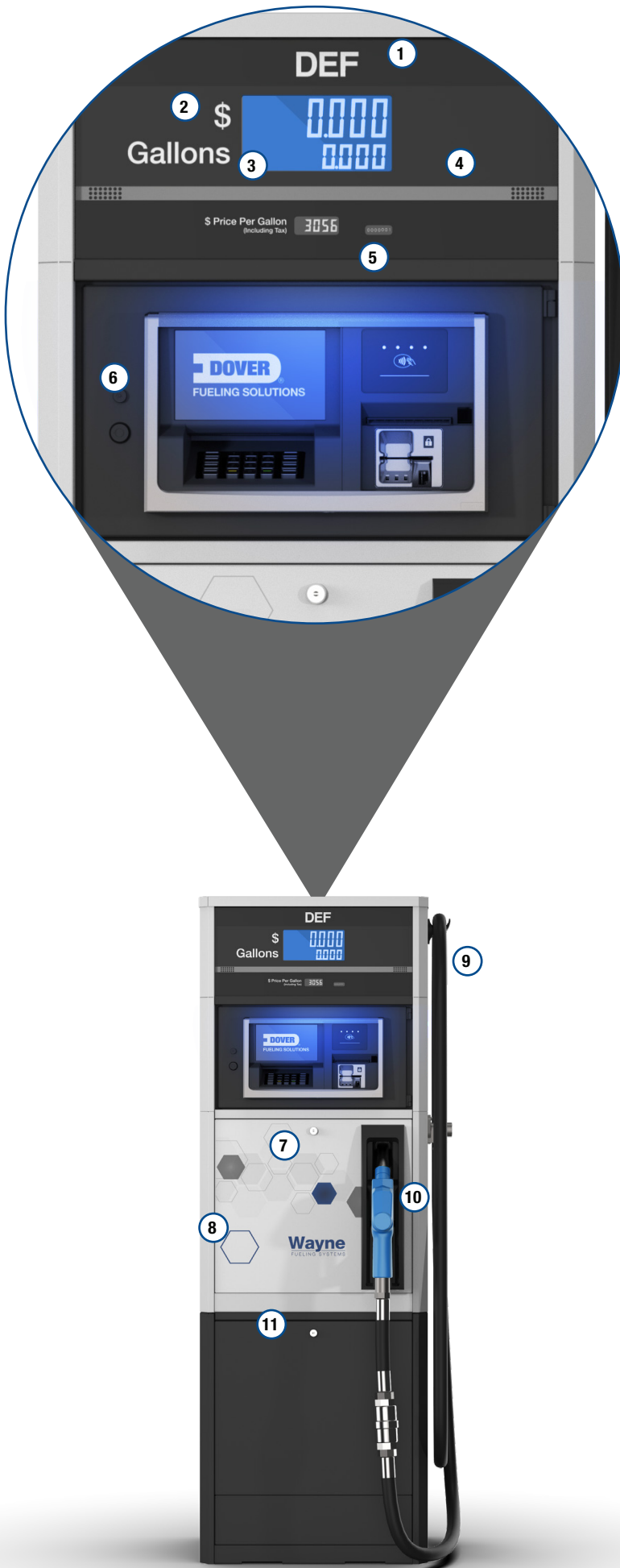
Wayne Select® S1 cold-climate DEF dispenser, dual-sided, with optional price displays, payment terminal, and valance

Electronic Cabinet Features

1. Bright LED downlighting illuminates product ID and bezel to optimize usability.
2. Large, ultra-bright, backlit LCD maximize ease of viewing. Gallons only (or liters) displays with operating status display available for private fleet applications. Front view electromechanical non-resettable totalizer.
3. Warning indicators display error codes and programming mode.
4. A. Electronic calibration simplifies calibration.
B. Terminal blocks ease field wiring connections.
C. Standard serial interface, or optional pulse output interface, allow communication to popular fleet control and POS systems
D. Smart Secure access bezel option provides enhanced security.
E. Heater option provides additional electronics protection for extra cold climates.
5. Front view electromechanical non-resettable totalizer.
6. Modular design allows addition of fleet or secure retail in-dispenser user terminal module with familiar pay-at-pump fueling experience.
7. A. Proportional flow control valve allows setting maximum flow rate.
B. Optional internal filter helps ensure product purity. (on cold-climate DEF models, valve & filter in DEF cabinet)
8. Powder-coated, heavy-duty, galvanized steel structural columns and doors combine a long-lasting finish with durable, corrosion-resistant construction. (extend to ground on cold-climate models)

Warm-Climate DEF Models Only

9. Standard hose hanger or optional hose mast to help keep hoses off the ground.
10. Lane-oriented nozzle boot for convenient front access (side boot for D3/G7101D).
11. A. Compact height allows mounting at just the right height to provide an ADA-compliant, user-friendly experience in all installation scenarios.
B. Factory-supplied shelf and pedestal kits provide flexible mounting options.



Cold-Climate Features

Cold Protection to -40°F!

A cabinet-within-a-cabinet design with a dedicated heater for the DEF components provides extreme cold protection eliminating the need for a winter jacket. A separate heater warms the hose and nozzle.

Automated Self-closing Doors Keep the Cold Out

Patented counterweighted self-closing nozzle door and automated opening and closing spring-loaded hose doors eliminate dependence on users to close doors. The heavy-duty hose doors are recessed with a narrow opening to protect the doors from abuse.

Warm-weather Mode Enhances User Convenience

The automated self-closing doors may be easily locked in the open position in warm weather to provide more convenient open nozzle access for the majority of the year.

User-friendly Hose Design Eases Hose Usage

The best-in-class innovative hose handling includes the first six feet of free hanging hose – enough reach for most applications. An additional 5.5 feet of retractable hose allows extended reach to fill up tanks not in line with the dispenser.

Simple Hose Retractor Design Simplifies Maintenance

The hose retractor utilizes a hose pulley and elastomer retraction cord making it easy to adjust and replace parts. A removeable side panel exposes the hose retraction system for hose and retraction maintenance.



Wayne Select® S1 cold-climate DEF dispenser, single-sided

Wayne Select® S1 Compact Electronic DEF Fuel Dispenser Models

Cold-Climate DEF Models

Model	D3/G7107E/R/B2R/PR	D3/G7107E/R/B2R/LP	D3/G7107E//B2R/P
Fluid	DEF	DEF	DEF
Flow Rate	Up to 10 GPM / 38 LPM*	Up to 10 GPM / 38 LPM*	Up to 10 GPM / 38 LPM*
Nozzle Orientation	Lane (front) - Right	Lane (front) - Left	Lane (front) – Left or Right
Hoses	1	1	2
Sides w/ Displays	1	1	2
Inlets	1	1	1
Meters	1	1	2 (duplex)

Warm-Climate DEF Models

Model	D3/G7107D/KR	D3/G7101D/K
Fluid	DEF	DEF
Flow Rate	Up to 10 GPM / 38 LPM*	Up to 10 GPM / 38 LPM*
Nozzle Orientation	Lane (front) - Right	Island (side) - Right
Hoses	1	1
Sides w/ Displays	1	2
Inlets	1	1
Meters	1	1

Model Number Format: D3 / Base Model / Suffix 1 Options / Suffix 2 Options / DEF Cabinet Options (e.g. D3/G7107E/R/B2R/PR)

Option suffixes are noted in the Specifications in []. A "/" (e.g. [/R]) indicates a suffix 2 option. A "/" indicates a DEF cabinet option. The following options may be included in the base model strings as indicated in above chart: hose hanger [K], single-sided [R], 44.9" lower columns & doors [/B2], 33.5" lower columns & doors for use with in-dispenser terminal [/B1], direct drive submersible relay [/R], push-to-start on DEF cabinet [///P], right DEF cabinet [///R], and left DEF cabinet [///L].

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

Warm-Climate Mounting Kits

Part Number	WP001128-0001-J021	WP001199-0001-xxxx	WP001199-0002-xxxx	WP001198-0001-xxxx	WP001198-0002-xxxx
Type	Shelf	Pedestal	Pedestal	Pedestal	Pedestal
Height of Pedestal	N/A	25" (63.5 cm)	25" (63.5 cm)	20" (50.8 cm)	20" (50.8 cm)
Containment Pan	No	No	Included	No	Included
Color [-xxxx in part number suffix]	Black [-J021]	Charcoal Gray [-F032] Metallic Silver[-A017] Stainless Steel[-00SS]	Charcoal Gray [-F032] Metallic Silver[-A017] Stainless Steel[-00SS]	Charcoal Gray [-F032] Metallic Silver[-A017] Stainless Steel[-00SS]	Charcoal Gray [-F032] Metallic Silver[-A017] Stainless Steel[-00SS]



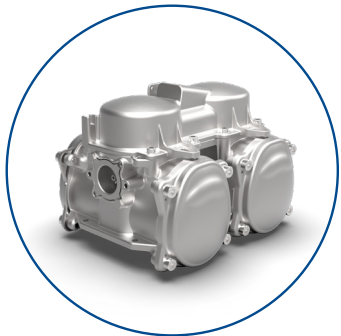
Secure Payment Convenience

All models can be ordered with price displays and the EMV-compliant Wayne iX Pay® 2 Payment Platform utilizing AX7™ technology for the latest in secure payment convenience. The base model includes 7" WVGA color touch screen, secure PIN pad, secure hybrid chip reader, & receipt printer. Contactless reader (NFC) and 2D bar code scanner are available as options.



Economical Two-Sided Configuration

The D3/G7101D warm-climate DEF model has an island-oriented nozzle with the display showing on each side. This provides a very economical DEF fueling solution for environments not seeing temperatures below 12°F where this single hose dispenser can be island-mounted and can service either the front or back lanes. Equip this dispenser with retail display and secure payment options to create a very economical retail DEF fueling solution.



Advanced Metering Technology

Wayne Select S1 electronic DEF dispensers are equipped with a specially treated, micro-accurate, two-piston, positive displacement Wayne iMeter fuel meter with integral intelligent pulser. No external moving parts maximizes reliability, leak prevention and security. Electronic calibration is simple with a quick three-step process. Technicians familiar with Wayne fuel meters can easily work on the DEF version. The duplex meter design in a common casting allows one compact hydraulic cabinet to handle dual-sided models.



Ingenious Time-Saving, Secure Fluid Connections

All Wayne Select S1 electronic DEF fuel dispenser models utilize DFS' patented double-bump tubing for a secure seal, easy installation and component maintenance. Stainless steel construction ensures DEF compatibility. No tools are required to change a connection. Joint integrity is easily confirmed by just visually confirming the latch pin is in place.

Technical Specifications / Wayne Select® S1 compact electronic DEF dispenser for fleet and retail

Standard - All Models

Compatibility

Diesel exhaust fluid only (complies with ISO 22241-3)

Hazardous Zone Rating

Class1, Division 2

LCD Displays

Fleet: Backlit 1.5" seven-digit volume display and ½" four-character status display. Retail Option [1]: Backlit 1.5" seven-digit total sale, 1" six-digit-volume, and ½" 5-digit unit price displays. Separate display for error codes and programming mode. . Single-sided models have displays on one side of cabinet, and D3/G7101D and dual-sided cold-climate models have displays on both sides. Configurable 0-4 digits to right of decimal. Programmable gallons or liters. If power loss, displays remain visible for approximately 15 minutes. Mounted behind dial face glass on internal brackets separate from dial face. Flip down for service access.

Totalizers

7-digit electromechanical non-resettable totalizers per hose. Viewable on bezel dial face. Electronic nonresettable and resettable 7-digit totalizers show on LCD using hand-held remote control.

Hand-Held Remote Control

Infrared remote control for accessing totals, diagnostics, and configuring dispenser via LCD without opening cabinet.

Fleet System or POS Interfaces

Wayne serial protocol. See pulse output option.

Meter

- Specially treated reliable, micro-accurate 2-piston positive displacement Wayne iMeter™ fuel meter with integral intelligent pulser.
- Electronic calibration.

Inlet Connection:

1 ½" (3.8 cm) female NPT. No riser.

Flow Control Valve:

Proportional 7/8" (2.2 cm). Programmable to set max. flow rate.

Cabinet Construction

All exterior panels are fabricated from heavy gauge galvanized steel for superior weather and corrosion resistance. Removable doors.

Cabinet Finish

Powder-coated metallic silver sides, top, base, and DEF cabinet. Electronic cabinet doors painted blue (optional black, green, red, silver, yellow, white, or stainless steel). Black bezel with matching decal with white lettering.

Lighted Bezel and Product ID Panel

LED light strip illuminates bezel and product ID panel.

Pressure

Working pressure up to 50 psi.



Wayne Select® S1 cold-climate DEF dispenser, single-sided

Technical Specifications / Wayne Select® S1 compact electronic DEF dispenser for fleet and retail

Standard – Cold-Climate Models Only

Minimum Temperature

-40°F / -40°C

DEF Hydraulics Location & Orientation

In separate DEF cabinet

Mounting & Orientation

Designed for island mounting. For single-sided models, must specify orientation with order - right orientation [///R]; left orientation [///L]. Dual-sided can be mounted right or left side.

Installation Distance between Electronic Cabinet & DEF Cabinet

Single-sided models: can be directly against each other. Dual-sided models: minimum 6" to maximum 18".

Activation

Push-to-start button on DEF cabinet [///P]

Hose & Breakaway Swivel

OPW 21GU-H15 15 foot hose, each end has 1" BSPP female fitting. OPW 21GU-SB breakaway swivel. Resides between nozzle and hose. 1" BSPP male threads for connecting to hose.

Hose Retraction

Internal; hose pulley wheel, elastomer cord, and weighted hose swing arm

Nozzle Boot

Works only with OPW 21GU-0400 or OPW 21GU-0500 nozzles. See nozzle options.

Pump Direct Drive Relay [/R]:

Provides capability to direct drive a transfer pump or submersible pump up to 1 HP (Not to exceed 14 amps @120VAC or 7 amps @240VAC.) Located in DEF cabinet.

Electrical

120VAC 50/60Hz

Dimensions

Electronic cabinet: 55" H x 22 ¾"W x 18 ¼"D
(139.7cm x 57.8cm x 46.4cm)

Single DEF Cabinet: 94" H x 18"W x 26"D
(238.8cm x 45.7cm x 66cm)

Dual DEF Cabinet: 94" H x 25 5/8"W x 26"D
(238.8cm x 65.1cm x 66cm)

Sump Compatibility

OPW DS-DEF-1535 or equivalent

Approvals

Met Labs Listed. US Weights & Measures. Measurement Canada. FCC.

Standard – Warm-Climate Models Only

Minimum Temperature

>12°F / -11°C

DEF Hydraulics Location

Beneath electronic register

Mounting

Designed for shelf or pedestal mounting. See shelf and pedestal model chart.

Activation

Lift-to-start nozzle hook

Discharge

1" (2.5" cm) 1" Male BSPP. No hanging hardware included.

Hose Hanger [/K]

Keeps hose off ground when idle

Nozzle Boot

Works with nozzles which meet interchangeable nozzle standard

Electrical

120VAC/240VAC 50/60Hz. (Pulse output, Electronics heater, Wayne iX Fleet™ in-dispenser terminal, and Wayne iX Pay® 2 Payment Platform options require 240VAC option for 240VAC operation.) Terminal block in register area for electrical input and output connections.

Dimensions

Standard unit: 30 1/4"H x 22 5/8"W x 18 1/8"D
(76.8 cm x 57.5cm x 46cm)

With Wayne iX Fleet™ in-dispenser terminal or Wayne iX Pay® 2 Payment Platform: 41 5/8"H x 22 5/8"W x 18 1/8"D (105.7 cm x 57.5cm x 46cm)

Approvals

C-UL-US Listed. US Weights & Measures. Measurement Canada. FCC.

Technical Specifications / Wayne Select® S1 compact electronic DEF dispenser for fleet and retail

Options - All Models

Pulse Output Interface [H]

Emulates mechanical dispenser interface for connection to fuel management and tank monitoring systems. Includes two outputs.

Internal Filtration:

Stainless steel canister with replaceable 5-micron element. Cold-climate models: factory-installed [///F]. Warm-climate models: field-installed kit* because extends below cabinet base [p/n WP000984-0001].

Stainless Steel Panels

Ideal for very corrosive environments. Electronic cabinet: All stainless steel [//S], all stainless w/ painted galvanized steel doors [//S1], or stainless steel doors only [//S2]. DEF Cabinet: All stainless steel [///S].

Wayne iX Fleet™ in-dispenser terminal [//Dx]:

In-dispenser terminal provides fuel access control for fleet applications. Connects to Wayne iX Fleet™ fuel controller. Includes 4-position ethernet switch [N] and Heater [//L]. Wireless modem option (p/n WU019855-0001) for connection to Wayne iX Fleet™ controller.

Price Displays [1]

1.5" total sale, 1" volume, and ½" unit price displays for retail applications.

iX Pay® 2 Payment Platform [//Ax]:

In-dispenser secure payment terminal with Wayne AX7 technology for retail applications. Connects to POS systems. Base model includes 7" WVGA color touch screen, secure PIN Pad, secure hybrid chip reader, & receipt printer. Models: Base [//A1], base plus contactless reader (NFC) [//A2], base plus 2D bar code scanner [//A3], and base plus contactless & scanner [//A4]. Requires a wired (p/n WU021906-0001) or wireless (p/n WU019855-0001) subscriber unit.

Smart Secure Access Bezel Security [//V6]

Provides capability to disable the dispenser if the bezel or terminal door are opened prior to entering a security code on remote control.

Heater [//L]:

Thermostatically-controlled heater fan for electronics. Recommended for areas that get below -20°F (-29°C).

Other Options:

1" BSPP inlet adapter* (p/n WU006355-0001). OPW 60V-DEF emergency valve* (p/n WP001318-0001). OPW 21GU-0400 DEF nozzle without MFPD* [p/n W2892997-001]. OPW 21GU-0500 DEF nozzle with MFPD* [p/n W2892997-002]

*Note: Kits require field installation

Options – Cold-Climate Models Only

Aboveground Piping Kit Option [///A]

Provides upper side panel in hose cabinet with 4" opening and grommet for insulated aboveground piping. Includes interior 1" NPT female connection with tubing to NPT fitting below inlet, T fitting, and manual shut-off ball valve for changing filter and servicing.

ADA Handle Extension Kit* [p/n WU027975-0001]:

Allows nozzle door to be raised sufficiently within ADA height guidelines to retrieve the DEF nozzle

Valance [Single-sided p/n WU028042-0001-xxxx; dual-sided p/n WU025544-0001-xxxx]:

Provides additional branding space. A DEF decal with white or blue lettering may be requested at order. Colors – white (-W007), black (-J021), green (-0004), blue (-0001), yellow (-0003), red (-0002), or silver (-A017)

Options – Warm-Climate Models Only

Mounting Kits

See table in preceding section.

Hose Mast* [//J]

Raises hose to ease hose handling and helps keep stored hoses out of the fueling lane

Pump Direct Drive Relay [//R]:

Provides capability to direct drive a transfer pump or submersible pump up to 1 HP (Not to exceed 14 amps @120VAC or 7 amps @240VAC.) Located in electronic cabinet.

240VAC 50/60HZ Operation of Pulsers or Heaters [//Z]:

Required only for 240VAC when pulser, heater, Wayne iX Fleet™ in-dispenser terminal, or Wayne iX Pay® 2 Payment Platform options are selected.

