

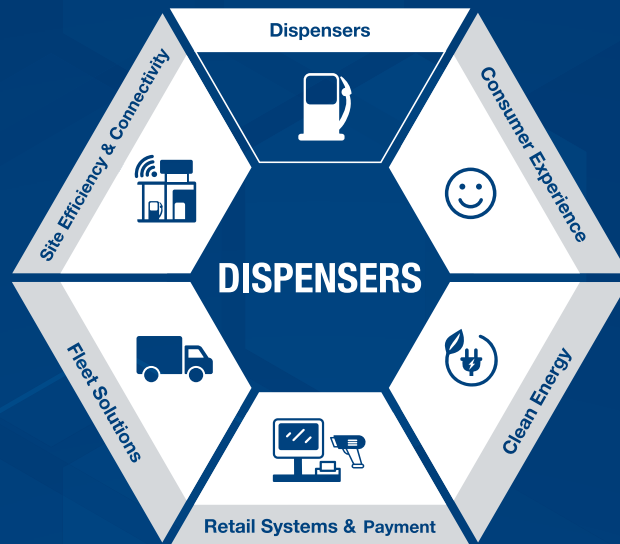
**Innovative.
Tough.
Cost-effective.**

Wayne Select™ electronic
retail fuel dispensers



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DFS *Worldwide* Brands



The Solution for Specialty Applications in Retail Fueling

The Wayne Select™ electronic retail fuel dispensers combine the benefits of advanced electronics and fast fueling with the value of a compact design. They are a perfect fit for side islands dispensing diesel or low volume fuels such as kerosene; cardlocks; and specialty applications like marinas and FBO airports that need a rugged design. But that's not all! A factory-installed Wayne iX Pay® T7 secure payment terminal option allows you to offer your customers the convenience of in-dispenser payment.

With innovative electronics, a user-friendly display, as well as the latest metering technology and field-proven components, the Wayne Select electronic retail fuel dispenser series decreases fueling time and provides reliable functionality. Comprised of enhanced, super high, and ultra high capacity models, this particular dispenser series is endlessly configurable and offers a cost-effective solution for a wide variety of applications.

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Packs Lightly, Delivers Exceptionally

The compact, economical design of the Wayne Select electronic retail fuel dispensers make it the perfect choice for low volume specialty fuels and specialty retail applications. These 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 solutions for both underground and above-ground storage tank fleet fueling applications. Common components with our premium retail dispensers provide additional benefits of readily-available service parts and technicians nationwide.



Customer Centric, Transaction Ready

Available with factory-installed Wayne iX Pay[®] T7 secure payment terminals, the Select electronic retail fuel dispensers enable you to offer your customers the convenience of in-dispenser payment. These EMV-compliant terminals feature a 7" WVGA touch screen, a secure PIN pad with metal function keys, a secure hybrid chip card reader, and a receipt printer. Reader options such as the Wayne TAP[™] contactless/NFC reader and Wayne SCAN[™] 2D barcode reader enable you to provide the latest in payment technology. The iX Pay T7 secure payment terminals interface with the popular point-of-sale (POS) systems.



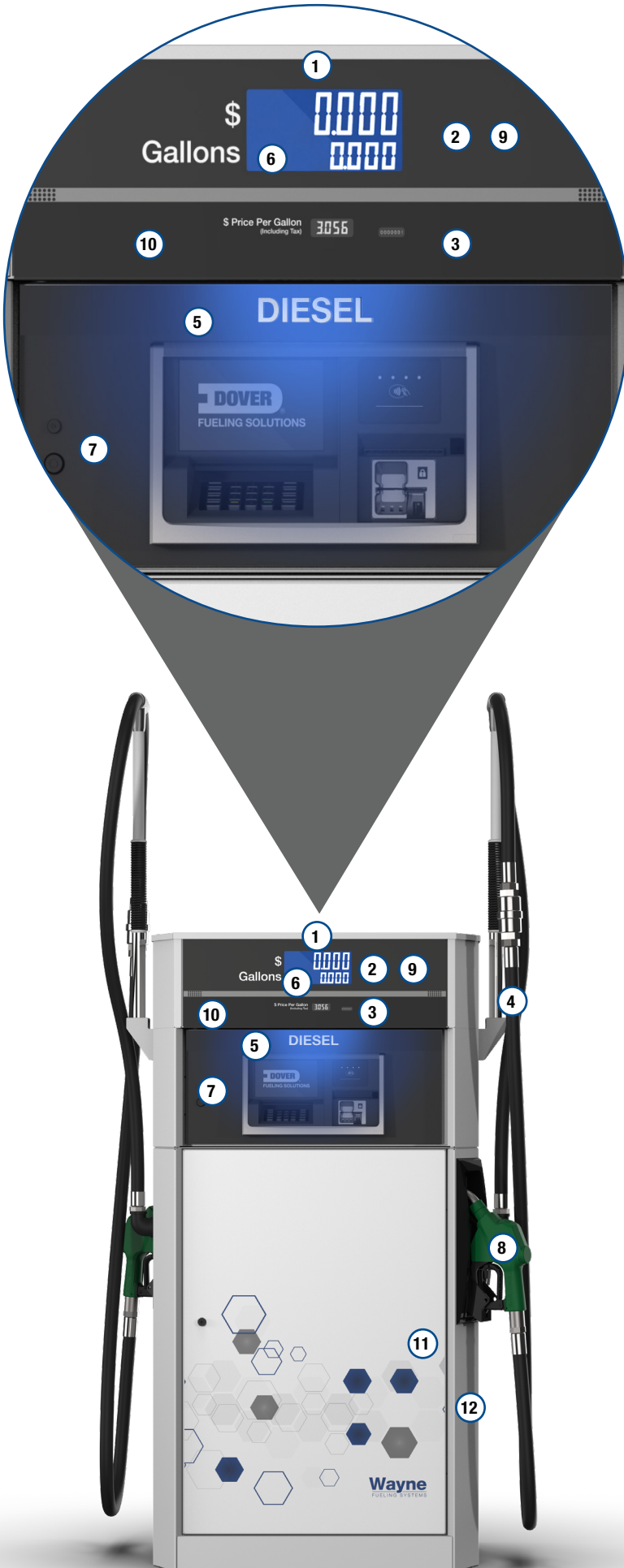
High Tech, High Performance

The Select electronic retail fuel dispensers utilize the Wayne iGEM[™] software and advanced metering technology to provide smooth operability and accuracy at any flow rate. All models are equipped with electronic calibration for simple field calibration. Diagnostic logs, warning indicators, and programmable parameters allow dispenser operation to be customized and monitored.



For standard cabinet finishes and options, see Technical Specifications, Cabinet Finish section (page 9).

Features



1. Large, ultra-bright, backlit LCDs maximize ease of viewing.
2. Electronic calibration simplifies calibration.
3. Front view electromechanical non-resettable totalizer.
4. Hose mast helps keep hoses off the ground and eases handling.
5. Bright LED lighting illuminates product IDs.
6. Warning indicators display satellite-in-use and error codes.
7. The optional iX Pay T7 secure payment terminal provides the latest in EMV-compliant payment technology.
8. Island-oriented nozzles for front/back access flexibility or lane-oriented nozzle boots for convenient front access.
9. Smart Secure Access™ bezel option provides enhanced security.
10. Heater option provides additional protection for extra cold climates.
11. Proportional flow control valve allows setting maximum flow rate.
12. Powder-coated, heavy-duty, galvanized steel structural columns and doors combine a long-lasting finish with durable, corrosion-resistant construction. Hinged door for convenient access.

Supports Three Different Flow Ranges for Every Application

Reducing fueling time increases efficiency and productivity. Faster fueling means increased station throughput. The Select electronic fleet dispenser product lines' superior technology supports three different flow ranges, ensuring there is always a model that meets your application. Island or lane-oriented nozzle boots allow you to select a dispenser that matches your fueling configuration.



Wayne Select™ Enhanced Capacity dispenser (EC) - up to 22 GPM*

The Select EC dispenser series utilizes the intelligent Wayne iMeter™ fuel meter, proven in demanding retail stations around the globe. A wide variety of remote dispenser and suction pump models are available. Suction pump models feature powerful 1-HP motors for maximum flow performance with gear-type pumping units for years of rugged reliability. Maximum flow can be conveniently controlled electronically to meet EPA spit-back requirements.



Wayne Select™ Super High Capacity dispenser (SHC) - up to 36 GPM*

The Select SHC dispenser series includes two iMeter fuel meters and two pumps (suction models) connected to a single hose for superior performance. Master and satellite models are available for truck saddle tank fueling. The special 3/G7223 model has two inlets, allowing high flow diesel, and standard flow gasoline in the same dispenser by utilizing the electronic maximum flow control feature.



Wayne Select™ Ultra High Capacity dispenser (UHC) - up to 60 GPM*

The Select UHC dispenser series delivers high-capacity fueling for master and satellite hoses through a combination of advanced technology and streamlined hydraulics. The Select UHC dispenser series features a Liquid Controls® meter per hose for high flow throughput, including dual internal 40 GPM filters to filter fuel without sacrificing flow performance.

**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. All UHC models are satellite ready and flow rates are for master and satellite hoses combined.*

Suction Pumps

Type	Enhanced Capacity (EC) (Up to 22 GPM* / 83 LPM*)		Super High Capacity (SHC) (Up to 36 GPM* / 136 LPM*)	
	Island-Oriented	Lane-Oriented	Island-Oriented	Lane-Oriented
Single	3/G7201P/12JKUY1/	3/G7207P/12JKRUY1/	3/G7221P/18JKUY1/	3/G7227P/18JKRUY1/
Twin I	3/G7202P/12JKUY1/K	3/G7207P/12JKUY1/K		
Twin I Max Flow	3/G7242P/128JKUY1/K			
Twin II	3/G7203P/128JKUY1/	3/G7208P/128JKUY1/		

Remote Dispensers

Type	Enhanced Capacity (EC) (Up to 22 GPM* / 83 LPM*)		Super High Capacity (SHC) (Up to 36 GPM* / 136 LPM*)		Ultra High Capacity (UHC) (Up to 60 GPM* / 227 LPM*)	
	Island-Oriented	Lane-Oriented	Island-Oriented	Lane-Oriented	Island-Oriented	Lane-Oriented
Single	3/G7201D/129G-JKUY1/	3/G7207D/129G-JKRUY1/	3/G7221D/1G-JKUY1/	3/G7227D/1G-JKRUY1/	3/G7231D/19G-JKY1/VW4	3/G7237D/19G-KMRY1/VW4
Twin I	3/G7242D/129G-JKUY1/K	3/G7247D/129G-JKUY1/K		3/G7227D/1G-JKUY1/	3/G7232D/19G-JKY1/VW4	3/G7237D/19G-JKMY1/VW4
Twin II	3/G7203D/129G-JKUY1/		3/G7223D/1G-JKUY1/		3/G7233D/19G-JKY1/VW4	3/G7238D/19G-JKMY1/VW4
Two-Hose Single-Sided Twin II (1 display)	3/G7209D/129G-JKRUY1/K					
Quad II		3/G7209D/129G-JKUY1/K				
E85						
Single	E3/G7201D/12G-JKXY1/	E3/G7207D/12G-JKRX1/				
Twin I	E3/G7202D/12G-JKXY1/K	E3/G7207D/12G-JKXY1/K				
Twin II	E3/G7203D/128G-JKXY					
Quad II		E3/G7209D/12G-JKXY1/K				
Masters						
Single				3/G7227D/1G-JKMRUY1/		3/G7237D/19G-JKMRUY1/VW4
Twin I				3/G7227D/1G-JKMUY1/		3/G7237D/19G-JKMY1/VW4
Twin II						3/G7238D/19G-JKMY1/VW4
Master/Satellite Combo				3/G7228D/1G-JKLMUY1		3/G7238D/19G-JKLMY1/VW4
Two-Hose, Single-Sided Twin I (2 displays)						3/G7236D/19G-JKMRUY1/VW4
Two-Hose, Single-Sided Twin II (1 display)						3/G7239D/19G-JKMRUY1/VW4
Satellites						
Single				3/G7007/-JKLRY1/		3/G7037/9-JKLRY1/W4
Twin I				3/G7008/-JKLY1/		3/G7038/9-JKLY1/W4
Two-Hose, Single-Sided						3/G7039/9-JKLRY1/W4

Model Number Format: 3 / Base Model / Suffix 1 Options / Suffix 2 Options (e.g. 3/G7201D/129GJKUY1/H)

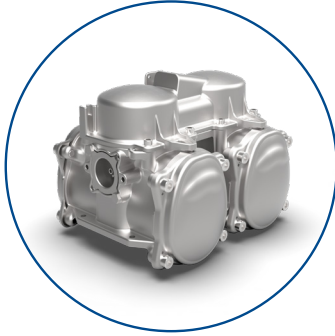
Option suffixes are noted in the specifications in []. A "/" (e.g. [//H]) indicates a suffix 2 option. The following options may be included in base model strings as indicated in the above chart: Retail price displays [1], 1" discharge [2 on EC models], Separate 1/2-populated dual meters [8], E25/B20 compatibility [9], Internal filter [G on remote models], AC j-box [J], Hose Hanger [K], Satellite [L], Master [M], Single-sided [R], iMeter2 [U], Xflo E85 meter [X], Gen2 [Y1], EMT [//K also std. on all models w/o suffix], Pulsar Security Cover [//V], 24VDC 2-stage valve [//W4].

*Note: Specified flow rates are maximum test rates at the discharge. Actual flow rates will depend upon the installation conditions, product dispensed, dispenser accessories, and for remote dispensers, the size of the submersible pump. For Twin I suction and Twin I SHC remote models, the maximum flow rate is for only one hose operating at a time. The maximum flow rate for Twin II SHC model is 30 GPM per hose. The maximum flow rate for UHC models is for master and satellite hoses combined.



Quad Hose Dispenser

The 3/G7209D remote dispenser model provides convenient access to two different products or nozzle configurations on each side of the dispenser. The same product can be simultaneously dispensed on each side of the dispenser, eliminating wait time for hose availability.



Wayne iMeter fuel meter

The Select EC dispenser and Select SHC dispenser models are equipped with the micro-accurate two-piston positive displacement iMeter fuel meter with integral intelligent pulser. No external moving parts maximizes reliability, leak prevention and security. Fluorosilicone seals withstand aggressive fuels and cold temperatures.



Double-Bump Fluid Connections

The Select EC dispenser and Select SHC dispenser models utilize Dover Fueling Solutions' patented double-bump tubing for a secure seal, easy installation and component maintenance. No tools are required to change a connection. Joint integrity is easily confirmed by just visually confirming the latch pin is in place.



Smart Secure Access Bezel Option

The Smart Secure Access Bezel option allows you to optimize the security of your dispenser. The dispenser will be automatically disabled if either the terminal door or display bezel are opened without first entering a code using the hand-held remote control.



Master & Satellite

Pairing master dispensers with correlating satellite dispensers on the opposing island allow fast, simultaneous fueling of saddle tanks on each side of large trucks. They also provide the convenience to fill tanks located on the left or right side of large vehicles when fueling lanes are set up for one directional traffic. SHC master models (first suffix "M" in model string) and all UHC models include satellite piping and wiring connections for connecting their matching satellite models.

Technical Specifications / Wayne Select™ electronic fleet dispenser

Specifications

Compatibility

For dispensing low viscosity petroleum fuels - diesel; biodiesel blends up to 20%; gasoline, including standard oxygenated blends (up to E40 on EC remotes); 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.

LCD Display

Backlit 1.5" seven-digit total sale, 1" six-digit volume, and ½" four-digit unit price displays. Separate display for error codes, programming mode, and satellite-in-use. Displays each side of cabinet, except models with lane-oriented nozzle boot only display on corresponding nozzle boot side. Configurable 0-4 digits to right of decimal. Programmable gallons or litres. In event of power loss, displays remain visible for minimum 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 totalizer per hose. Viewable on bezel dial face. Electronic non-resettable 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.

Fuel Control System Interface

Wayne protocol. Optional pulse output.

Meter

- EC & SHC - Reliable, micro-accurate 2-piston positive displacement Wayne iMeter™ with integral intelligent pulser. Unique, compact design with two meters in one housing. Electronic calibration. (E85 option - positive displacement axial flow meter [X]).
- UHC - Liquid Controls® high volume, positive displacement, rotary meter. Wayne optical pulser with quadrature output. Electronic calibration.

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

120/240VAC 50/60Hz. (Pulse Output, Heater, and iX Fleet options require 240 VAC option for 240VAC operation). For suction 50 Hz operation, 50 Hz option must be specified for correct motor pulley.

Internal Filter [G]

Standard on remote dispensers. External filter kits* available for suction models.

- EC - 10-micron particulate. (E85 option - 5-micron ethanol filter).
- SHC - 30-micron hydrosorb.
- UHC - dual 40 GPM/151 LPM, 30-micron elements (80 GPM/303 LPM total filter capacity per hose). Optional dual 100-mesh disposable strainer canisters in place of UHC filter elements.

^{*}Note: Applies to suction models only. SHC suction models must be run at 240VAC.

Inlet Connection

- EC - 1 ½" (3.8 cm) female NPT. Twin I Max Flow Model - 2" (5.1 cm) female NPT.
- SHC - 2" (5.1 cm) female NPT.
- UHC - 2" male NPT.

Sourcewell 

Awarded Contract

Contract #092920-DVR



Technical Specifications / Wayne Select™ electronic fleet dispenser

Discharge

EC - 1" (2.5 cm) female NPT. Includes ¾" (1.9 cm) reducing bushing.
SHC - 1" (2.5 cm) NPT.
UHC - 1¼" (3.2 cm) NPT. Includes 1" (2.5 cm) reducing bushing.

Flow Control Valve Per Hose

EC - (1) Proportional 24VDC 7/8" (2.2 cm) valve. Programmable to set maximum flow rate.
SHC - (2) Proportional 24VDC 7/8" (2.2 cm) valves. Programmable to set maximum flow rate.
UHC - (1) Two-stage 24VDC 1½" (3.8 cm) valve [//W4].

Satellite Connection [M]

- SHC - SHC master models include satellite down-piping and 1½" (3.8 cm) female NPT connection.
- UHC - All UHC models are satellite-ready. Discharge assembly includes 1½" (3.8 cm) female NPT port for satellite piping connection (piping not included).

Cabinet Construction

All exterior panels are fabricated from heavy gauge galvanized steel for superior weather and corrosion resistance. Hinged doors for convenient service access.

Cabinet Finish

Powder-coated metallic silver sides, top, and base. Doors painted blue (optional black, brown, green, red, silver, yellow, white, or stainless steel). Black register face with charcoal gray decal with white lettering.

An accurate depiction of the dispensers are shown below.

Lighted Product ID Panels

LED light strip illuminates product ID panels. Specify product names with order.

Nozzle Boot

Fits UL interchangeable nozzles plus Emco Wheaton 4015 and Husky V short spout balance vapor recovery nozzles. Lift nozzle hook for activation. Hook extension kits+ for OPW 11VF (p/n 892081-001), Healy 400 (p/n 892080-001), and EMCO A4005 EVR (p/n WP000914-0001) long spout vapor recovery nozzles.

Hoze Hanger [K]

Keeps hose off island when not in use.

Actual Dimensions

32.25" W x 19.38" D x 63.3" H (81.9 cm W x 49.2 cm D x 160.8 cm H).

Approvals

C-UL-US Listed. Includes diesel; biodiesel blends to B5; gasoline including ethanol blends to E10, and kerosene. EC remote models include ethanol blends to E40, and EC remote and UHC models include biodiesel blends to B20 [9]. E85 models include ethanol blends to E85. U.S. Weights and Measures - includes diesel; biodiesel; gasoline including ethanol blends to E15 (E40 on EC remote and E85 with E85 option); kerosene; AvGas; and Jet Fuel. Measurement Canada. FCC.



Technical Specifications / Wayne Select™ electronic fleet dispenser

Options

Preset Keypad [S]

12-button preset per display set. Can select money or volume. Displays on total sale or volume display as applicable.

Pulse Output Interface [H]

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

Hose Mast [//J]

Raises hose to ease hose handling and helps keep stored hose out of the fueling lane. Optional hose mast clamp kit+ (p/n 890898-001) for Goodyear® balance vapor recovery hose.

Stainless Steel Panels

Ideal for very corrosive environments. Stainless steel lower cabinet with black galvanized steel top and stainless doors [//S3] or painted galvanized steel doors [//S4], or stainless steel doors only [//S2].

Wayne iX Pay™ Secure Payment Terminal [//Tx]:

In-dispenser secure payment terminal for retail applications. Only available on models with a single display per side. Connects to POS systems. Base model includes WVGA color touch screen, secure PIN Pad with metal function keys, secure hybrid chip reader, and a receipt printer. Models: Base [//T1], base plus contactless reader (NFC) [//T2], base plus 2D bar code scanner [//T3], and base plus contactless and scanner [//T4]. 4-position Ethernet switch [N] and wireless modem (p/n WU019855-0001) kits are available as options.

IX Fleet™ Terminal [//Dx]

In-dispenser terminal provides fuel access control for fleet applications. Connects to iX Fleet Fuel Controller. Includes 4-position ethernet switch [N] and Heater [//L]. Wireless modem option (p/n WU019855-0001) for connection to iX Fleet controller. N/A for 3/G7209D/R, 3/G7209D/, E3/G7209D/, and 3/G7239D/MR models.

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.

E85 Option [E PREFIX & X]

EC remote dispensers only. Utilizes special meter, stainless steel, nickel plating, special elastomers, and a special filter for E85 compatibility. UL listed for gasoline blends up to E85 as well as gasoline and diesel.

Automatic Temperature Compensation [C]

Canada only. Automatically calculates the amount of fuel as if delivered at 15°C. N/A for E85 or 3/G7227P/R models.

Heater [//L]

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

Additional Options

Internal hose retractor [//H], 890467-001 external filter kit+, 890467-002 SHC external filter kit+, less internal filter w/ cap (delete /G, EC and SHC remotes), litres display graphic, WU021916-0001 3/G7223D inlet manifold kit+, 240VAC 50/60 Hz operation of pulser, heater, or iX Fleet terminal [Z] and 50 HZ suction operation [5].

+Note: Kits require field assembly.

Satellite Specifications

Important: SHC satellites require SHC masters, and UHC satellites require UHC masters.

Cabinet Finish

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

Cabinet Construction

All exterior panels are fabricated from heavy gauge galvanized steel for superior weather and corrosion resistance. Hinged doors for convenient service access.

Inlet Connection

SHC - 1 1/2" (3.8 cm) female NPT.
UHC - 1 1/2" male NPT.

Flow Control Valve

SHC - (2) proportional 24VDC 7/8" (2.2 cm) valves per hose.
UHC - (1) two-stage 24VDC 1 1/2" (3.8 cm) valve per hose [//W4].

Electrical

24VDC from master dispenser.

Discharge

SHC - 1" (2.5 cm) NPT.
UHC - 1 1/4" (3.2 cm) NPT. Includes 1" (2.5 cm) reducing bushing.

Nozzle Boot

Fits UL interchangeable nozzles. Lift nozzle hook for activation.

Hose Hanger [K]

Keeps hose off the island when not in use.

Actual Dimensions

32.25" W x 19.38" D x 44.75" H (81.9cm W x 49.2cm D x 113.7cm H).

Approvals

See approvals in main section.

Options

Hose mast [//J]. All stainless steel cabinet [//S] (n/a SHC), stainless steel cabinet with painted galvanized steel doors [//S1] (n/a SHC), or stainless steel doors only [//S2].

