

Select Series Electronic Fleet Dispenser Specifications

Compatibility: For dispensing low viscosity petroleum fuels - diesel; biodiesel blends up to 20%; gasoline, including oxygenated blends; kerosene; AvGas[^], and jet fuel[^].

Fuel must meet the applicable ASTM standard.

[^]Note: Confirm with fuel supplier on any fluid path metal restrictions before use.

LCD Displays: Backlit 1" six-digit volume display and ½" four-character status display per hose. 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 liters. In event of power loss, displays remain visible for approximately 15 minutes.

Totalizers: 7-digit electromechanical non-resettable totalizer per hose (EC twin I is per product). Two electronic 6-digit totalizers per hose - non-resettable and resettable - show on display using infrared remote control.

Fuel Control System Interfaces: Dresser Wayne protocol.

Optional pulse output.

Meter:

EC & SHC - Reliable, micro-accurate 2-piston positive displacement Dresser Wayne iMeter with integral intelligent pulser. Unique, compact design with two meters in one housing. Electronic calibration.

UHC - Liquid Controls[®] high volume, positive displacement, rotary meter. Dresser 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: 120VAC 60Hz. Motors*: 120/240VAC 50/60 Hz.

Inlet Connection:

EC - 1 ½" (3.8 cm) male NPT.

SHC - Remotes: 1 ½" male or 2" (5.1 cm) female NPT.

Suctions: 2" female NPT.

UHC - 2" male NPT.

Internal Filter [G]: Standard on remote dispensers. UHC - dual internal filters per hose with 40 GPM/151 LPM, 30 micron elements (80 GPM/303 LPM total filter capacity per hose). Optional dual internal 100-mesh disposable strainer canisters in place of UHC filter elements.

Discharge:

EC - 1" (2.5 cm) NPT. Includes ¾" (1.9 cm) reducing bushing. SHC - 1" (2.5 cm) NPT. UHC - 1 ¼" (3.2 cm) NPT. Includes 1" (2.5 cm) reducing bushing

Flow Control Valve:

EC & SHC - Proportional 7/8" (2.2 cm) valve. Standard on remote dispensers, Twin I suction, and SHC suction. Optional on other suction models [delete //W suffix to include valve on suction model].

UHC - Two-stage 1 ½" (3.8 cm) valve.

Satellite Specifications

Note: 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: Heavy gauge galvanized steel.

Inlet Connection: EC - 1 ½" (3.8 cm) male NPT.

SHC - Remotes: 1 ½" male or 2" (5.1 cm) female NPT.

Suctions: 2" female NPT.

UHC - 2" male NPT.

Flow Control Valve:

SHC - (2) proportional 7/8" (2.2 cm) valves per hose

UHC - (1) two-stage 1 ½" (3.8 cm) valve per hose.

Electrical: 24VDC from master dispenser.

Discharge:

SHC - 1" (2.5 cm) NPT.

UHC - 1 ¼" (3.2 cm) NPT. Includes 1" (2.5 cm) reducing bushing.

Nozzle Boot: See nozzle boot specification in main section.

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: UL, CSA.

Options: Hose mast [//J]. All stainless steel cabinet with stainless [//S] or painted galvanized steel doors [//S1].

[^]Note: Applies to suction models only. SHC suction models must be run at 240VAC.

+Note: Kits require field assembly

Satellite Connection [//M]:

SHC - SHC master models include satellite down-piping and 1 ½" (3.8 cm) NPT connection.

UHC - All UHC models are satellite-ready. The discharge assembly includes internal port for 1 ½" (3.8 cm) satellite piping connection (piping not included).

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 black decal with white lettering.

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

Lighted Product ID Panels: Light for displays also illuminates product ID panel. Specify product names with order.

Nozzle Boot: Fits UL interchangeable nozzles and 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) and Healy 400 (p/n 892080-001) long spout vapor recovery nozzles.

Hose Hanger [K]: Keeps hose off of 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: UL, CSA, FCC. Sealable by U.S. Weights & Measures

Options

Pulse Output Interface [H]: Emulates mechanical dispenser interface for connection to fuel management and tank monitoring systems. Includes two outputs.

Price Displays [1]: Total sale and unit price displays for cardlock applications. Includes satellite-in-use display [I] on master models and solenoid valves on suction models [delete//W].

Preset Keypad [S]: Requires price display option. 12-button preset. Can select money or volume. Displays on total sale or volume display as applicable.

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 [//S3] or painted galvanized steel doors [//S4], or stainless steel doors only [//S2].

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

Other Options: Heater for electronics [//L], internal hose retractor [//H], electromechanical totalizer per hose on EC

twin I [//K], solenoid valves on suction models [delete //W], 890467-001 external filter kit+ , 890467-002 SHC external filter kit+ , liters display graphic, automatic temperature compensation [C], and 240VAC 50/60 Hz operation of register and light [Z].