



Town of Vienna, VA
Purchasing Office
127 Center Street S
Vienna, Virginia 22180

SECTION 10. OFFICIAL TOWN BID FORM

IFB 15-10 FUEL MANAGEMENT AND DISPENSING SYSTEM

Vendor Name: JF Acquisition LLC, DBA JONES & Frank

Address: 1330 St. Mary's St., Suite 210
Raleigh, NC 27605

NOTICE TO BIDDERS: The following required services shall be provided according to the contract terms and conditions and specifications of **IFB 15-10**.

Removal of Existing Equipment	\$ <u>1,500.00</u>
Supply and Install 4 Fuel Dispensers	\$ <u>20,145.46</u>
Supply and Install Fuel Management System	\$ <u>12,351.60</u>
One Year Software Support	\$ <u>432.47</u>
TOTAL COST	\$ <u>34,429.53</u>

Equipment Manufacturer Gasboy/OPW

Equipment Specifications must be attached to the Official Bid Form

RETURN BID FORM IN DUPLICATE. All addendums that have been issued shall be returned with the bid. It is the responsibility of the bidder to ensure that it has received all addendums.

Person to contact regarding this bid (Please print): Nick Wallace

Title: Com Sales Phone: 757-543-7878 Fax: 757-855-2655

Signature: N. Wallace Date: 4-21-2015

Printed Name: Nick Wallace Email: nwallace@jones-frank.com

By signing and submitting a bid, your firm acknowledges and agrees that it has read and understands the IFB documents and agrees to the Contract Terms and Conditions as contained herein.

Equipment Lead Time : 30 Days From Notice to Proceed.

IFB 15-10
FUEL MANAGEMENT AND DISPENSING SYSTEM

SECTION 9.

REFERENCES

MUST BE COMPLETED AND RETURNED BID

NAME OF COMPANY JFA Acquisition, LLC - DBA Jones & Fink.

QUALIFICATION OF BIDDER: Bidders must have the capability and capacity in all respects to fully satisfy the contractual requirements. Indicate the length of time you have been in business providing this type of service and/or product; 44 Years, — Months.

Provide a list of at least three (3) accounts, preferably governmental, that your firm has provided similar goods and/or services to in the past twelve (12) months.

1) FIRM NAME: James City County, Virginia

ADDRESS: 103 Tewning Road
Williamsburg, VA 23188

CONTACT PERSON: Buddy Stewart TITLE Fleet Administrator

PHONE NUMBER: 757-259-4121 EMAIL buddy.stewart@jamestownva.gov

2) FIRM NAME: Newport News Public Schools

ADDRESS: 761 Hogan Drive
Newport News, VA 23606

CONTACT PERSON: Pennie Boyack TITLE Supervisor of Environmental Health/Safety

PHONE NUMBER: 757-503-1192 EMAIL pennie.boyack@nn.k12.va.us

3) FIRM NAME: Southeastern Public Service Authority

ADDRESS: 723 Woodlake Drive
Chesapeake, VA 23320

CONTACT PERSON: Patrick Lee TITLE Fleet Manager

PHONE NUMBER: 757-420-4700 EMAIL plee@spsa.com

April 16, 2015

ADDENDUM #1

IFB 15-10 FUEL MANAGEMENT AND DISPENSING SYSTEM

*******ATTENTION BIDDERS*******

(To be completed and returned with bid response)

1. The Bid Due Date and Time have been changed from April 21, 2015 at 11:00 AM to
APRIL 21, 2015 AT **11:30 AM**
2. Addition to Section 4. Specifications: A minimum of a 10:1 pulser must be on each dispenser.
3. Q: Can a direct bury cable be used for communications?
A: Yes
4. All work on the project MUST BE COMPLETED by June 30, 2015.

ALL OTHER TERMS, CONDITIONS, AND SPECIFICATIONS SHALL REMAIN THE SAME.

A copy of this signed addendum must accompany your response as an acknowledgment of its receipt:

NAME AND ADDRESS OF FIRM:

JF Acquisition LLC - DBA Jones and Frank
1330 St. Mary's St. Suite 210
Raleigh, NC 27605

PHONE #: 757-945-7848 EMAIL: nwallace@jones-frank.com
NAME OF AUTHORIZED REPRESENTATIVE:

Nick Wallace
Please Print

SIGNATURE:  DATE: 4-21-15

See it. Analyze it.
Optimize it.

Control every detail,
every day with Islander PLUS.

Data is your most powerful tool for building efficiency, creating consistency, and keeping costs down. So we built Islander PLUS to deliver it all, combining the CFN PLUS fuel controller and the ICR PLUS fleet card reader into one powerful package that gives you precisely the connectivity and control you need. But we didn't stop there.

Islander PLUS can also process that data in just about any way you choose and deliver it to you and your staff wherever you happen to be. So you'll get the whole picture. Not to mention a whole new level of efficiency and savings.

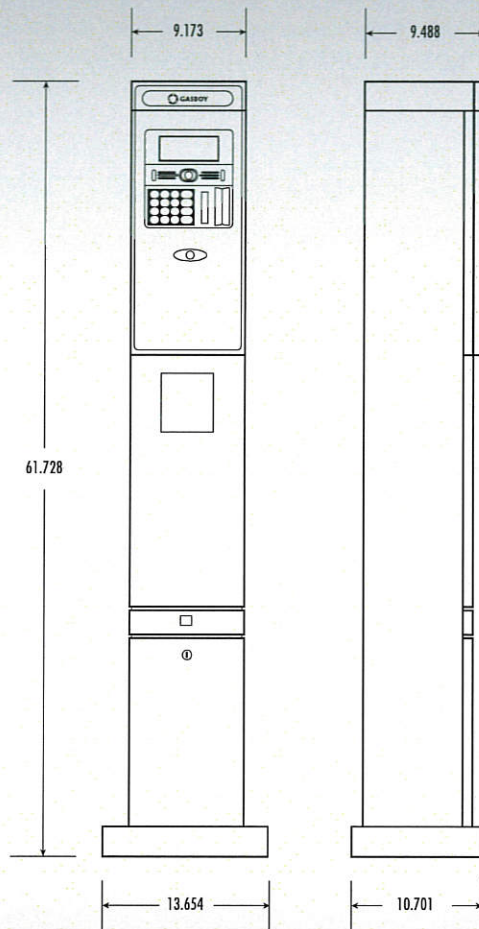
Track costs more precisely with a seamless connection to Gasboy Fleet Head Office.

Collect data without slowing down your operation with support for multiple access technologies, including web-based and contactless systems.

Stay up and running 24-7 with lighted terminals and secured access for unattended sites.

Are you ready to see more? Talk to your sales rep or visit www.gasboy.com to see what Islander PLUS could do for you.

Hardware



Dimensions are in inches.

Data Entry Options/Access Control

Piezoelectric keypad, magnetic card reader, mifare card/tag reader, HID reader, Vehicle/Driver Identification System (Fuel Point PLUS), and dual Fleetkey readers. Available optional ruggedized thermal printer for purchase receipts printout.

Dispenser Connection Options

Islander PLUS can control up to 8 mechanical hoses or up to 64 electronic hoses. Supports over 50 different types of dispensers in use in many countries.

Communication Options

Support of large variety of communication links: cellular, dial-in modem, VPN, satellite, ADSL, wireless ethernet and more.

Central Controller

Embedded hardware platform designed to withstand the harsh fueling environment. It runs on an embedded operating system and uses a solid state Flash disk and RTC (Real Time Clock) with back-up, along with surge suppressors for transient and noise immunity. Power fail recovery mechanisms included.

Additional Hardware Features

- > Weather-proof enclosure in order to sustain the harsh environment of a Home Base Station
- > Secured remote capabilities for monitoring, management and maintenance activities
- > Serial and Ethernet interface to Automatic Tank Gauge systems using the Veeder-Root Serial Interface Command Protocol
- > Advanced electronic support of mechanical dispensers, enabling pump with totalized, preset and price update

Software

Remote Web Access

Monitor, manage and maintain the Islander PLUS from anywhere. Web Access makes remote and secure management possible. No special management software is necessary. All you need is a standard PC with Internet. The technology is already integrated into the station controller.

Head Office

Fleet Head Office consolidates the data from multiple sites, centralizes management and generates reports, including exception reports. It also enables control of the limits and restrictions placed on the various fleet vehicles. And authorized fleet personnel are able to log-in remotely so they have the ability to control and manage wet stock inventory on all stations including orders, deliveries and reports.

Restrictions and Limits

We make it easy to control a fleet's fuel expenses. By defining limits (day, week, month), maximum number of refueling (day, week, month) and setting restrictions (days of the week, fuel type, stations, time intervals), you can maximize profitability. And when you have multiple sites, the centralized Fleet Head Office can synchronize data so that the limits can be applied to all of your sites. Even in the case of communication failure, a site will be able to refuel for a predefined grace period (parameter) using the most recent limits stored in its database.

System Reports

The Islander PLUS application provides a highly flexible report utility for producing a wide range of data reports. So fleet managers and head office managers can review fueling transactions from different aspects and ascertain balance between sales and buys, fleet expenses, vehicle performance and more.

Two different types of reports are available:

Custom Reports

Enable the user to generate reports performed in the location by the following profiles:

- > Transactions: Sums up transaction details in order and broken down by the selected field
- > Products: Sums up all data in the report by product, containing total transactions amount and quantity sold
- > Payment Mode: Sums up all data by payment whether Customer, Credit or Cash depending on the application settings

Export Reports

Enable the user to generate and export records of the transactions performed in the location by the following parameters:

- > Date range
- > Transactions: Differentiate by field name, format, width and precision
- > From last export

Users can transfer the report in CSV, text or XML. They can set the delimiter, the decimal point notation and column names. The format column enables users to define specific formats, such as: date and time, left justification and zero padding for numbers. The reports can run manually or automatically. If they run automatically, the storage location is either FTP or Local Directory.



Real Time Fueling



Real Time Tank Level

Line	Date	Time	Station	Product	Amount	Balance
1	2010/01/01	08:00:00	000001	Gasoline	10.00	10.00
2	2010/01/01	08:05:00	000001	Gasoline	10.00	20.00
3	2010/01/01	08:10:00	000001	Gasoline	10.00	30.00
4	2010/01/01	08:15:00	000001	Gasoline	10.00	40.00
5	2010/01/01	08:20:00	000001	Gasoline	10.00	50.00
6	2010/01/01	08:25:00	000001	Gasoline	10.00	60.00
7	2010/01/01	08:30:00	000001	Gasoline	10.00	70.00
8	2010/01/01	08:35:00	000001	Gasoline	10.00	80.00
9	2010/01/01	08:40:00	000001	Gasoline	10.00	90.00
10	2010/01/01	08:45:00	000001	Gasoline	10.00	100.00

Real Time Reporting

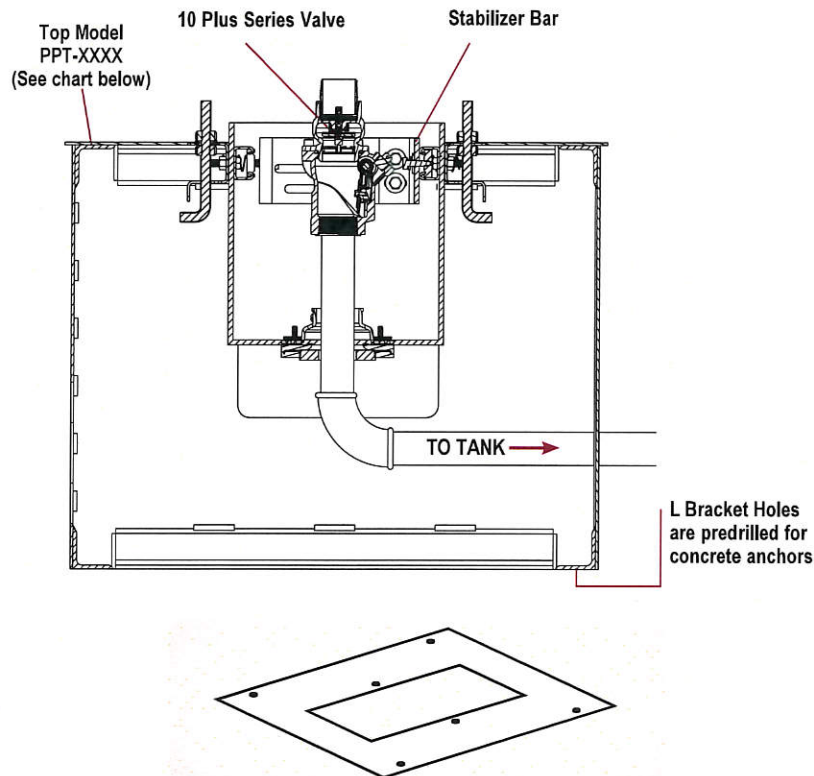
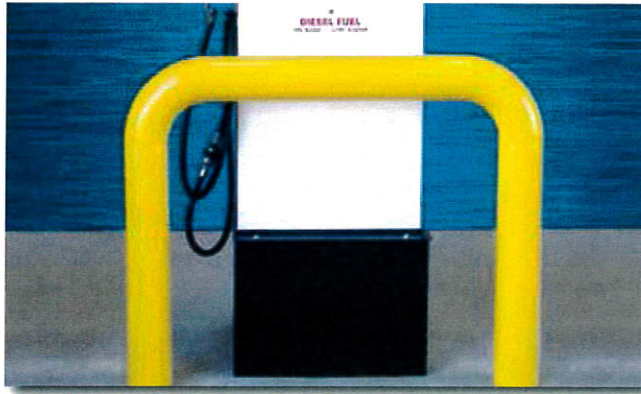
ISLANDER PLUS - PEDESTAL WITH UP TO: ELECTRONIC; 4 MECHANICAL PUMPS**8 MECHANICAL PUMPS**

Name	Islander PLUS	Islander PLUS
Supply voltage	100/240 VAC	120/240 VAC
Power consumption	2A max	2A-1A max
Operating temperature	-22 °F to +113 °F (-30 °C to +45 °C) -4 °F to +113 °F (-20 °C to +45 °C) (Option with printer)	-40 °F to +104 °F (-40 °C to +40 °C) -4 °F to +104 °F (-20 °C to +40 °C) (Option with printer)
Storage temperature	-40 °F to +158 °F (-40°C to +70 °C)	-40 °F to +158 °F (-40°C to +70 °C)
Humidity	80% non-condensing	80% non-condensing
Dimensions	9.45"W x 61.02"H x 9.45"D (24x155x24 cm)	9.45"W x 61.02"H x 9.45"D (24x155x24 cm)
Communication interface	RS-485 – 9600bps, Half-Duplex RS-232 Ethernet RJ-45 – 10 Mbps EIA 802.15.4	RS-485 – 9600bps, Half-Duplex RS-232 Ethernet RJ-45 – 10 Mbps EIA 802.15.4
Pump control maximum current (4 solid state Relay Channels)	Motor maximum: 1 HP at 115 VAC or 2 HP at 230 VAC. Additional external relay must be used if pump motor exceeds these limitations.	Motor maximum: 3/4 HP at 115 VAC or 1.5 HP at 230 VAC. Additional external relay must be used if pump motor exceeds these limitations.
Power supply output voltage to pulsar unit	12 VDC +/- 20%	12 VDC +/- 20%
Pulsar supply maximum output current	80 mA max	30 mA max
Pulsar input high level voltage	9 to 15 VDC	9 to 15 VDC
Pulsar input high level sink current (@15V)	3 mA	3 mA
In-use "on" level (input)	100-240 VAC, 50/60Hz, 2 W (20 mA)	100-240 VAC, 50/60Hz, 2 W (20 mA)
In use "off" level (input)	0 to 20 VAC	0 to 20 VAC

Download full bid & spec on www.gasboy.com.

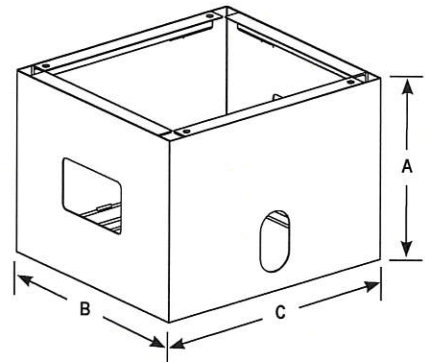
View *Islander PLUS* video demo.





OPW Dispenser Pedestal

- ◆ Designed specifically for AST dispenser applications
- ◆ Offers a way to contain leaks from AST dispensers during use and filter change outs
- ◆ Provides a raised platform for AST pipe runs into the dispenser to avoid burring underground piping
- ◆ Flexible by design – interchangeable tops for a variety of dispenser pans



Dimensions: Model No. PP-2136

	in.	cm
A	21	53.34
B	26	66.04
C	36	73.66
Weight	82 lbs	37 kg

WARNING:

Dispenser and pedestal must be surrounded by protective bumper curbing. Shear Valve is a fire valve only when installed in the pump pedestal.

OPW Dispenser Pedestal Top Model No.	For use with Dispenser Model No.	For use with FlexWorks Dispenser Model No.
PPT-1123	Gasboy 9800 Series (28-1/4" Frame)	DP-1123
PPT-1630	Gilbarco Advantage Model Dresser/Wayne Select Model Global Century Model	DP-1630
PP-2136	Pump Porch	

Additional models available upon request, contact your OPW District Manager.

Atlas Features Option Summary

Feature	9153	9140	9130	9122	9121	9120	9119	9118	9117	9116
Approach	W and (H) Level, A/W, Measurement Counts (H)	\$	\$	\$	\$	\$	\$	\$	\$	\$
Working Pressure	50 psi maximum	\$	\$	\$	\$	\$	\$	\$	\$	\$
Unit of Measure	Gallons (flow optional)	\$	\$	\$	\$	\$	\$	\$	\$	\$
Meters / Valves	1 HP (0-115V/60Hz - 120V/50Hz optional)	\$	230V	—	\$	—	—	—	—	—
	1-1/2 HP (0-230V/60Hz - 120V/50Hz optional)	—	—	—	—	—	—	—	—	—
	3/4 HP (0-300V/50Hz/3-phase)	0	0	—	—	—	—	—	—	—
Pump Models	10 cfm inlet with no separator	\$	\$	—	\$	—	—	—	—	—
	High speed rotary with no separator	—	—	—	—	—	—	—	—	—
Scheduled Valve	2-range valve for Pump Operation (PF)	1*	1-1/2*	1*	1*	1*	1*	1*	1*	—
Filters	Internal screen (H)	\$	\$	—	\$	\$	\$	\$	\$	—
Discharge	Hot Connection - HPT	1*	1-1/2*	1-1/2*	1*	1*	1*	1*	1*	1*
Satellite Pump	Satellite piping connection (D) - display only	0	0	0	—	—	—	—	—	—
Inlet	Isolator Connection - HPT	1-1/2*	2*	2*	1-1/2*	1-1/2*	1-1/2*	1-1/2*	1-1/2*	1-1/2*
Housing	600 Galvanized Steel	13 GA	13 GA	13 GA	13 GA	13 GA	13 GA	13 GA	13 GA	13 GA
Ports	Lockable removable - Painted Galvanized Steel (cell) - range	20	20	20	16	20	20	20	20	16
	Replaceable - Locking Stainless Steel - 27 ga	0	0	0	—	0	—	0	0	—
	Replaceable - Type 304 Stainless Steel - 20 ga	—	—	—	—	—	—	—	—	—
	Replaceable - Painted 600 Galvanized Steel (cell) - range	20	20	20	16	20	20	20	20	16
	Replaceable - Locking Stainless Steel - 27 ga	0	0	0	—	0	—	0	0	—
	Replaceable - Type 304 Stainless Steel - 20 ga	—	—	—	—	—	—	—	—	—
Computer / Register	Electronic Register - Volume only display	\$	\$	\$	\$	\$	\$	\$	\$	—
	Mechanical Register - VRI 10 volume only	—	—	—	—	—	—	—	—	—
Electronic Display	1" backlit LCD	\$	\$	\$	\$	\$	\$	\$	\$	—
	Pulse - 10.1 to 100.1 volume (CC or CD)	—	—	—	—	—	—	—	—	—
	RS-485 - Gasboy GEN, Hander, or Teller	0	0	0	0	0	0	0	0	—
Interface Options	Photo Output / F	\$	\$	\$	—	\$	\$	\$	\$	—
	DC cordless and junction box (D)	—	—	—	—	—	—	—	—	—
	Keyed (K)	—	—	—	—	—	—	—	—	—
Brand Panel Lighting	Lighted brand panel (L)	0	0	0	—	0	0	0	0	—
	Electronic tank	\$	\$	\$	\$	\$	\$	\$	\$	—
Tankless	Nonventilator Electro-Mechanical tankless	0	0	—	—	0	0	0	0	—
	Nonventilator Mechanical tankless	—	—	—	—	—	—	—	—	—
	Silo Load	\$	\$	\$	—	\$	—	\$	\$	\$
Nozzle Position	Front Load (F)	0	0	0	\$	0	\$	0	0	0
	Internal hose retractor (I)	0	0	—	—	—	—	0	0	—
	Internal hose reel	—	—	—	—	—	—	—	—	—
Hose Retractors	High flow retractor - external per manual	0	0	0	—	—	—	0	0	0
AST Applications	Pressure Regulating Valve Model 52A - section pumps only	0	—	—	0	—	—	—	—	—
	9850 Above Ground Tank Kit - section pumps only	—	—	0	—	—	—	—	—	—
Warranty	12 month - parts & labor	\$	\$	\$	\$	\$	\$	\$	\$	\$
	Extended Warranty - 2, 3, 4, or 5 years	0	0	0	0	0	0	0	0	0
	A/C (Canada only)	0	0	0	—	—	—	—	—	—
	Hot Cuts (H)	—	—	—	—	—	—	—	—	—
	Display Power Fail Backup	\$	\$	\$	\$	\$	\$	\$	\$	—
	Internal Cabinet Heater (HPT only)	—	—	—	—	—	—	—	—	—
	Reduced Vapor Recovery	0	—	—	0	—	—	—	—	—
	Heed (Internal H) Compatible	0	—	—	—	—	—	—	—	—
	Hose, Nozzle, Swivel, Handaway	0	0	0	0	0	0	0	0	0

S = Standard, 0 = Optional

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www.gasboy.com



Atlas pumps & dispensers for fleet operations

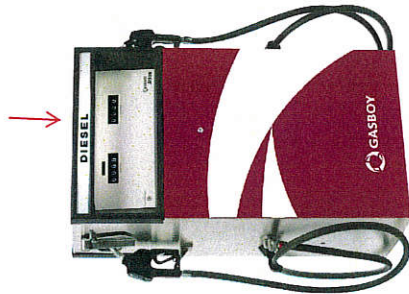
Choose from the industry's leading range of pump and dispenser models, with features and options designed specifically to meet the unique needs of fleet operators.

High models provide fast fueling for large vehicles. Satellite dispensers allow simultaneous fueling of saddle tanks to reduce fueling time.

Gasboy Atlas pumps and dispensers are compatible with a full range of Gasboy Fleet Management Systems to help you track and manage your fleet better. From the most simple system to the most comprehensive one, Gasboy offers turnkey solutions to simplify your operation.

The Gasboy® Atlas series is rugged, durable, reliable and perfectly suited for the tough fleet fueling environment. Electronic and mechanical choices are fit for untended applications. High flow, Super High Flow, and Ultra

Worldwide leader in solutions for fleet and commercial markets.

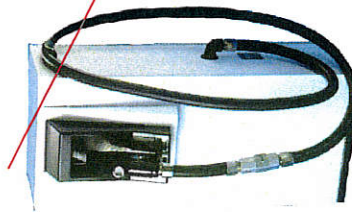


Mechanical pumps and dispensers

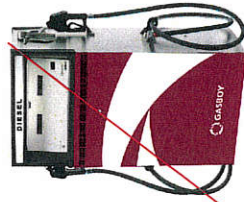
High Flow (up to 22 gpm/83 lpm)*

Model Number	Type	Hoses	Products	Motors	Meters
9153K	Pump	Single	1	(1) 1 hp c.d.	Gilbarco CFT
9152XTW1	Pump	Twin	1	(2) 1 hp c.d.	Gilbarco CFT
9153XTW1M	Pump	Twin	1	(2) 1 hp c.d.	Gilbarco CFT
9153XTW2	Pump	Twin	2	(2) 1 hp c.d.	Gilbarco CFT
9153KX	Dispenser	Single	1	n/a	Gilbarco CFT
9153KXTW1	Dispenser	Twin	1	n/a	Gilbarco CFT
9153KXTW2	Dispenser	Twin	2	n/a	Gilbarco CFT

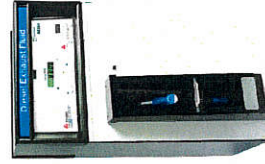
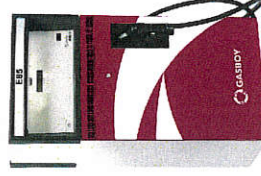
Model Number	Works With	Hoses	Products	GPM (LPM)*	Meters
215Q	9153KX	Single	1	Up to 21	n/a
215QZ	9853KX	Single	1	Up to 21	n/a
215QTWZ		Twin	1	Up to 21	n/a
216Q	9850XX	Single	1	Up to 40	n/a
216QZ	9840XX	Single	1	Up to 40	n/a
216QTWZ	9850K	Twin	1	Up to 40	n/a



Satellite dispensers



Electronic pumps and dispensers



Ultra High Flow (up to 50 gpm/189 lpm)*

Model Number	Type	Hoses	Products	Motors	Meters
9850K	Pump	Single	1	(1) 1 1/2 hp c.d.	Liquid Controls
9850KXTW3	Pump	Combo	1	(1) 1 1/2 hp c.d.	Liquid Controls
9850KX	Dispenser	Single	1	n/a	Liquid Controls
9850KXTW1	Dispenser	Twin	1	n/a	Liquid Controls
9850KXTW2	Dispenser	Twin	2	n/a	Liquid Controls
9850KXTW3	Dispenser	Combo	1	n/a	Liquid Controls

Super High Flow (up to 40 gpm/151 lpm)*

Model Number	Type	Hoses	Products	Motors	Meters
9840K	Pump	Single	1	(2) 1 hp c.d.	(2) Gilbarco CFT
9840KX	Dispenser	Single	1	n/a	(2) Gilbarco CFT

High Flow (up to 22 gpm/83 lpm)*

Model Number	Type	Hoses	Products	Motors	Meters
9853K	Pump	Single	1	(1) 1 hp c.d.	Gilbarco CFT
9852XTW1	Pump	Twin	1	(1) 1 hp c.d.	Gilbarco CFT
9853KXTW1M	Pump	Twin	1	(2) 1 hp c.d.	Gilbarco CFT
9853KXTW2	Pump	Twin	2	(2) 1 hp c.d.	Gilbarco CFT
9853KX	Dispenser	Single	1	n/a	Gilbarco CFT
9853KXTW1	Dispenser	Twin	1	n/a	Gilbarco CFT
9853KXTW2	Dispenser	Twin	2	n/a	Gilbarco CFT

EB5 Electronic Dispensers

Model Number	Type	Hoses	Products	Nozzle Position	Meters
987XX F	Dispenser	Single	1	Side	(1) C+
987XX FZ	Dispenser	Single	1	Front	(1) C+
987XXTW1 Z	Dispenser	Twin	1	Front	(2) C+

DEF Electronic Dispensers

Model Number	Type	Application	Nozzle Position	Hoses	Products	Sides	Meters
986ZXX-Z	Dispenser	Cold Weather	Front	1	1	1	(1) Corolis Mass Flow
986ZXX-WW	Dispenser	Warm Weather	Side	1	1	2	(1) Corolis Mass Flow
986ZXX-ZWW	Dispenser	Warm Weather	Front	1	1	1	(1) Corolis Mass Flow

OPW Vertical Check Valves

OPW Vertical Check Valves are installed on suction system fuel lines directly below the inlet to the pump in the dispenser island to maintain prime.

The 70 Series Valves feature a built-in shear groove, which helps minimize piping damage if the dispenser is pulled over or dislodged by collision.

The single-poppet provides redundant protection from losing prime and are also available without shear grooves. OPW Vertical Check Valves are recommended for use on suction lines where the pressure does not exceed 34 feet of head (approximately 15 psi [1 bar]). 70 Series valves need $\frac{1}{2}$ " of mercury to activate the poppet.

Ordering Specifications

Model #	in.	mm	lbs.	kg
70-0070	1½" NPT	38 mm	1.80	.8
70S-0075	1½" NPT	38 mm	2.9	1.3

70 and 70S Vertical Check Valve
Instruction Sheet Order Number:
H11055PA

OPW 70 Vertical Check Valves (with Shear Groove)

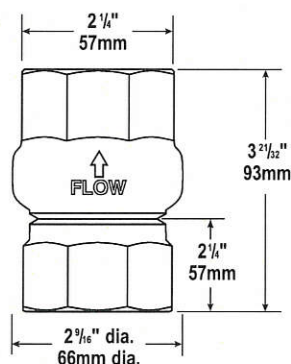
Materials

Body: Cast iron with black Duragard® E-coating

Disc: M-19 Viton

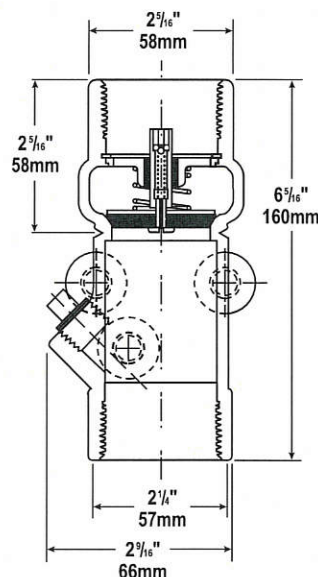
Features

- ◆ **Low Pressure Drop**
- ◆ **M-19 Viton Seals** – on main poppet for compatibility with methanol-blended fuels and reliable sealing.
- ◆ **Protective Shear Groove** – designed to reduce the possibility of damage to buried piping in the event the dispenser is knocked over.
- ◆ **Thermal Relief Valve** – to reduce pressure build-up in suction pumps. Opens between 25 & 35 PSI (1.7 & 2.4 bar).
- ◆ **Compatible with 85% Ethanol (E85) or Methanol (M85)**



Additional Features (70S Model)

- ◆ **Stabilizer Mounting Bosses** – three bosses in the lower portion of the valve body allow for rigid mounting to stabilizer bars. Use FlexWorks mounting plate with appropriate stabilizer bar kit.
- ◆ **Built-In Air-Test Port** – allows air testing of the entire pumping system without breaking the line. Also allows line to be drained from the valve to the tank (assuming there are no other check or foot valves below the 70S).



Warning

The valve body must be rigidly anchored to a structural member within the island to ensure breakage at the shear groove in the event of severe impact. The shear groove must be at the same level or a maximum of $\frac{1}{2}$ " above or below the top of the pedestal island. Failure to provide rigid mounting or install the shear groove at the proper level may result in a failure of the valve to close or shear, resulting in an excessive loss of product and a hazardous condition.