GILBARCO VEEDER-ROOT

Prime PHX
Prime PHX-AV

Low Hose Electronic Pump or Dispenser – commercial use

Prime PHX Pumps and Dispensers are suitable for use in filling stations, have high performance and durability, advanced technology and features that make the difference in handling and filling control. They are certified by Inmetro in accordance with current regulations and ordinances for safety and legal metrology, assembled with international standard components and they benefit from a design that complies with the most demanding needs, providing perfect operation, low cost maintenance and a robust, high-strength structure, which you can see even after a long time of use.

BENEFITS

- Prepared for integration with automation system.
- Also available 4 nozzles version, which simplifies and significantly speeds up customer service.
- Anodized aluminum structure, which has strong resistance against the weather. This resistance is even more relevant for coastal regions, where the probability of corrosion is greater due to atmospheric salinity.
- Its high flow rate speeds up the operation, which, especially at highway stations, is a strong competitive advantage to attract and retain customers.

Secure. Connected. Profitable.

Main features

ELECTRONICS

- High-tech computer with integrated CPU and interface.
- It has a standard current loop interface for automation and, optionally, RS-485. Other communication options for peripherals on request.
- Record of the last 54 supplies.
- Record, with date, of the last 54 adjustments (electronic calibration).
- Record of electronic totals and value shift and liter totals.
- Indication of pump operation failure messages on the price per liter(PPL) display.
- Indication of instantaneous flow in the Liters display.
- Internal clock with 10-year autonomy.
- It has 2 totalizers, one electronic and one electromechanical, (optional) for each product.
- Liquid crystal display with LED lighting.
- High strength stainless steel keyboards for preset and management programming trough access code. The managerial keyboard have an alphanumeric display to indicate the programming and error codes.

HYDRAULICS

Pumps /dispensers 50/75/130 lpm

- Gear pumping unit, designed and manufactured by Gilbarco Veeder-Root, with built-in air suppressor. A stainless steel mesh filter (washable) is provided as well as an integrated chamber for air and gas separation,which provides stability in pumping and fuel measurement.
- Gilbarco Veeder-Root HD meter, calibrated electronically, positive displacement with 4 pistons and stainless steel liners, which increase the life of the block.
- Two stage solenoid valve with high degree of precision in predetermination operations.
- Motor manufactured to operate in continuous regime (ventilated).
- Optimized hydraulics: reduced number of connections and electrical cables and easy access for maintenance.
- Prepared for installation of a Vapor Recovery system.

FINISHING

- Robust structure free of welding spots, which minimizes corrosion and with rounded corners, which increases the life of the hose.
- Steel finishing panels coated using the coll coating process that offers the most efficient surface coverage and greater durability.
- High resistance nozzle holder.

Models

Nominal Flow	Models	Type	No. of Products	Number of Nozzles	Number of Simultaneous Supplies	Gross Weight (kg)*	Net Weight (kg)*
50 lpm	PHX-1120-Plus	Single	1	1	-	137	122
	PHX-1220-Plus	Dual | side nozzles	1	2	2	155	140
	PHX-2220-Plus	Double	2	2	2	188	173
	PHX-2421-Plus	Quadruple	2	4	2	211	196
75 lpm	PHX-1120-HG-Plus	Single	1	1	-	140	125
	PHX-1220-HG-Plus	Dual	1	2	2	158	143
	PHX-2220-HG-Plus	Double	2	2	2	191	176
130 lpm	PHX-1120-AV-Plus	Single	1	1	-	179	164
	PHX-1220-AV-Plus	Dual | side nozzles	1	2	2	197	182

HG = Average Flow, AV = High Flow

*Weight can vary up to 5kg.

Dimensions: pump 1.73 x 0.82 x 0.50, packaging 1.92 x 1.17 x 0.74 (Brazil) | 1,92 x 1,15 x 0,65 (Export) Dimensions H x W x D, in meters.

Gilbarco Veeder-Root reserves the right to change one or more characteristics of its products, without prior notice, whenever necessary in order to improve them. Consult all the characteristics in force at the time of purchase of your Gilbarco Veeder-Root equipment.

*The nominal flow is a reference value. This flow is achieved under ideal laboratory conditions, with controlled pressure (altitude) and temperature, without considering the use of accessories such as swivel, breakaway and others. The flow achieved when the pump is installed depends on other factors such as: method and devices used to measure the actual flow, type of fuel, distance between the pump and tank, tank depth (if it is underground), suction pipe diameter, ambient temperature, altitude of the installation site, whether the internal filter of the pumping unit is clean or not, whether there is a line filter or other external type in the installation and the status of the respective filter elements and any existing accessories (such as swivel and breakaway). In the case of filling solutions using dispensers and submerged pumps, the power and quantity of dispensers connected to the same submerged pump are also factors that influence the results obtained.

Nozzle and Hose Diameter	
Nominal Flow	Suction Pump or Dispenser
50 lpm	3/4"
75 lpm	1"
130 lpm	1"

You need solutions and technology to make your business a success. Someone who understands your needs, your customers. We have the products and services you need. You can count on us. Contact our authorized representative and get more information.