Prime PHX-DEF

Electronic Low Hose Dispenser for Commercial ((display of volume, price per liter and total to be paid) or Industrial (only volume display)Use

Prime PHX-DEF Dispensers are recommended for use in commercial and industrial fueling stations. Manufactured for the sale of DEF (AD BLUE or ARLA32) or for consumption in industries and transportation companies, they are ideal for establishments requiring a refueling point.

This dispenser is available with a nominal flow rate of 40 lpm.

Prime PHX-DEF Dispensers offer high performance and durability, along with advanced technology and features that make a difference in fuel handling and control. They are also ready for integration with automation systems, using the same protocol as liquid fuel pumps/dispensers.

BENEFITS

Electronics

- It has two totalizers, one electronic and one electromechanical.
- High-tech computer with integrated CPU and interface.
- Records the last 54 fuelings.

Hydraulics

- Magnetic meter with excellent accuracy and repeatability.
- Calibration (when necessary) performed on the dispenser's electronics without any contact or intervention on the meter.
- Optimized hydraulics: reduced number of electrical connections and cables.

Secure. Connected. Profitable.

Main Features

ELECTRONICS

- It features a standard current loop interface for automation and, optionally, RS-485. Other communication options for peripherals are available upon request.
- Date-based recording of the last 54 adjustments (electronic calibration).
- Recording of electronic totals and shift totals in terms of value and liters.
- Various pump operation error messages are displayed on the Price per Liter (PPL) display.
- Flow rate is displayed on the Liters display.
- Internal clock with 10-year battery life.
- 1-inch display with white LED lighting for easy data reading.
- High-resistance stainless steel keyboards for presetting and access codes for management programming. The management keyboard has an alphanumeric display for programming and error reading.

HYDRAULICS

- Low calibration rate.
- No moving parts (no wear or friction of internal parts) and no possibility of internal leaks.
- Vertical installation, resistant to water hammer.
- Dual-stage stainless steel solenoid valve, with a high degree of precision in presetting operations.
- Stainless steel connections and check valve.
- Stainless steel filter at the dispenser inlet.
- 5m x ¾" hose specific for Arla32.
- ¾" automatic nozzle and fine tip specific for DEF.

FINISH

- Steel finishing panels coated using a coll coating process, offering the most efficient surface coverage and greater durability.
- Anodized aluminum structure, which offers strong resistance to the elements. This resistance is even more important for coastal regions, where the likelihood of corrosion is higher due to atmospheric salinity.
- Robust structure with no welding points, which minimizes corrosion, and rounded corners that increase the hose's lifespan.
- High-strength nozzle guard.

MANDATORY REQUIREMENTS

- Installing a UPS to power the dispenser's electronic head.
- UPS specifications: 220 VAC output voltage. Output waveform: Purely sinusoidal (cannot be square wave).

SPECIFICATION SUMMARY

- Power supply: 220 VAC - 50/60 Hz
- Electronic head consumption: 103 VA
- Nominal flow rate: 40 lpm
- Maximum inlet and operating pressure: 0.27 MPa
- Maximum pressure with hydraulic stroke: 1.17 MPa
- Hydraulic inlet: ¾" BSP. For details, see Foundation Diagram.

Model

Nominal Flow	Model	Type	Nº de Produtos	Nº of Nozzles	Gross Weight (kg)*	Net Weight (kg)*
40 lpm	PHX-ARLA	Simples	1	1	-	-

Dimensions: dispenser 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) - Height x Width x Depth in meters.

Gilbarco Veeder-Root reserves the right to change one or more product features without prior notice, whenever improvements are necessary.

Please review all current features when purchasing your Gilbarco Veeder-Root equipment.

*Nominal flow rate is a reference value. This flow rate is achieved under ideal laboratory conditions, with controlled pressure (altitude) and temperature, without considering the use of accessories such as swivels, breakaways, and others. The flow rate achieved when the pump is installed depends on other factors such as: the method and devices used to measure the actual flow rate, fuel type, tank-to-pump distance, tank depth (if underground), suction pipe diameter, ambient temperature, altitude of the installation site, whether the pumping unit's internal filter is clean, whether there is an inline or other external filter in the installation, and the condition of the respective filter elements and any accessories (such as swivels and breakaways). In the case of supply solutions that use dispensers and submersible pumps, the power and number of dispensers connected to the same submersible pump also influence the results obtained.

KNOW THE WHOLE FAMILY OF PRIME GILBARCO VEEDER-ROOT PUMPS

GILBARCO VEEDER-ROOT

www.gilbarco.com.br

+55 11 94514-5218

/GVR_Brasil

@gilbarcoveederrootbr

/company/gilbarco-veeder-root-do-brasil