

For all needs

Available from  
50 to 400 lpm.



ILLUSTRATIVE PICTURE



The highest flow in the  
market.

## Prime LHI • Prime LHI-AV

Low House Eletronic Fuel Pump • Industrial Use

The Prime LHI Fuel Pumps are recommended for industrial use, transportation companies, garages and other establishments that need a supply ready point of fueling.

These low hose fuel pumps offer 1, or 2 nozzles, with a flow rate of 50, 75, 90, 140, 200 or 400 lpm.

The 200 and 400lpm fuel pumps guarantee a very fast operation, which makes them specially indicated for vessels, aircraft and rail transport supply.

The Prime LHI fuel pumps provide high performance and durability, besides easy handling and control. These pumps are supply-ready for integration with an automation system.

Certified by UL Brazil and approved by Inmetro, Prime fuel pumps are assembled with international quality components and are subjected to strict testing requirements which guarantee a perfect operation.

Prime Fuel Pumps also provide low operational costs and maintenance due to their highly resistant outer structure that will deliver a long-term service. Another advantage of this system is the easy access to electrical and hydraulic components, which simplifies maintenance and reduces downtime. Check it!

Technology with a human touch.

## Main features of the Prime LH Fuel Pump 50/75/90/140 lpm

### Electronics

- > State of the art computer with integrated CPU and interface.
  - > CPU capable of managing 6 communication channels. Standard current loop for automation included and RS-485 is optional. Other communication options for peripherals available.
  - > Recording of the last 54 fillups.
  - > Recording, with date, of the last 54 adjustments (electronic calibration).
  - > Recording of the electronic totals and period totals in terms of amounts and liters.
  - > Various messages concerning operational errors displayed in the Price Per Liter (PPL) display.
  - > Flow rate displayed on the Liter window.
  - > Internal clock with a 10 year lifetime.
  - > Contains 2 totalizers: one electronic and one electromagnetic for each nozzle of product for double checking.
  - > 1" liquid crystal display for increased visibility of readouts.
  - > Keyboard in resistant stainless steel with 18 keys for management programming. Alphanumeric display on the Liters window indicates programming functions and error messages.
- NOTE: the preset keyboard is an optional accessory and is available for the 50 lpm, 75 lpm and 140lpm models. 90 lpm flow rate models do not offer the preset option.

### Hydraulics

- > Compact ST-UBE model gear pump (monoblock) with built-in air elimination valve. Contains 2 resistant stainless steel mesh filters and 2 chambers for separating air and gases, providing steady pumping and accurate measurement of fuel flow.
- > Mechanically calibrated Gilbarco C+ brand measuring block, 4-piston positive displacement design with resistant stainless steel bushings to increase block durability.
- > High precision solenoid valve for preset operations.
- > Motor designed for continuous operation (ventilated location).
- > Improved hydraulics: reduced number of electrical connections and wires.

### Cabinet

- > Cabinet and side panels fabricated from extremely durable anodized aluminum. This durability is crucial for coastal areas where corrosion from sea mist is a serious risk.
- > Strong and sturdy, with no welding points to reduce corrosion, and rounded corners, providing longer life to the hoses.
- > Powder-coated finish reduces risk of defects in the paint and provides outstanding appearance and toughness.
- > Highly resistant nozzle boot. Hose hanger keeps hose off island.

## Models

| Flow Rate       | Models             | Type   | # Of Products | # Of Hoses | # Of Simultaneous Fueling | Gross Weight (kg) | Net Weight (kg) |
|-----------------|--------------------|--------|---------------|------------|---------------------------|-------------------|-----------------|
| 50 lpm          | PHX-111-I-Plus     | Single | 1             | 1          | -                         | 120               | 100             |
|                 | PHX-1220-I-Plus    | Single | 1             | 1          | -                         | 137               | 122             |
|                 | PHX-1221-I-Plus    | Double | 2             | 2          | 2                         | 188               | 173             |
| 75 lpm / 90 lpm | PHX-111-I-HG-Plus  | Single | 1             | 1          | -                         | 103               | 123             |
|                 | PHX-1120-I-HG-Plus | Single | 1             | 1          | -                         | 140               | 125             |
|                 | PHX-2220-I-HG-Plus | Double | 2             | 2          | 2                         | 191               | 176             |
| 140 lpm         | PHX-1120-I-AV-Plus | Single | 1             | 1          | -                         | 179               | 164             |

HG = Medium Flow, AV = High Flow | Fuel pump dimensions: 1,57 x 0,82 x 0,50 m | Package dimensions: 1,76 x 1,14 x 0,74 m | Dimensions H x W x D, in meters.

## Main features of the Prime LHI-AV Fuel Pump 200/400 lpm

### Electronics

- > Has the same characteristics of the pumps with flows between 50 -140 lpm , except the preset function. This pump is only constructed WITHOUT the preset function.

### Hydraulics

- > ST-UBP-210 model pump (for 200lpm), or ST-UBP-400 (for 400lpm) on pallets.
- > ST-MED-210 model lobular rotary pump (for 200lpm), or ST-MED-410 (for 400lpm), which provides electronic calibration.

- > Tamper-proof Pulser attached to the head of the measuring block to assure fuel measurement accuracy.
- > 200lpm model pump: 3 HP triphase electrical motor explosion-proof, 220/380 VAC, 60 Hz with cable fasteners. Other options available.
- > 400lpm model pump: 5 HP triphase electrical motor explosion-proof, 220/380 VAC, 60 Hz with cable fasteners. Other options available.
- > Motor designed for continuous operation (ventilated location).
- > Automatic nozzle and 1.1/2" bushing.

## Models

| Flow Rate | Models                 | Type   | # Of Products | # Of Hoses | Gross Weight (kg) | Net Weight (kg) |
|-----------|------------------------|--------|---------------|------------|-------------------|-----------------|
| 200 lpm   | PHX-1120-I-AV-200-Plus | Single | 1             | 1          | 187               | 172             |
| 400 lpm   | PHX-1120-I-AV-400-Plus | Single | 1             | 1          | 207               | 192             |

Fuel pump dimensions: 1,57 x 0,82 x 0,50 m | Package dimensions: 1,76 x 1,14 x 0,74 m | Dimensions H x W x D, in meters.

Gilbarco Veeder-Root reserves the right to change one or more specifications of its fuel pumps with no prior notice whenever improvements are made. Be sure to check the current product specification at the time of purchase.



The success of your business must be supported by solutions and technology at your fingertips. You need a partner. Someone who listens to you. Someone who can meet your needs, your customers' needs, and your financial needs. We have all the products and services you are looking for. Count on us to help you and provide any further information.



/gilbarco.veeder.root.br

Gilbarco Veeder-Root Brasil

/GVR\_brasil

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