

# Legacy® Electronic Pumps & Dispensers



# Making Things Better<sup>®</sup>

Sometimes making things better means making them simpler. And that's what the Gilbarco Legacy<sup>®</sup> series is all about. We called upon our 20 years of experience with Highline<sup>™</sup> models. Then we added the time-proven technologies of our most recent successful product line, The Advantage<sup>®</sup> series. And the Legacy series was born. It's a legacy you could only expect from one of the world's leading manufacturers of service station equipment, Gilbarco.



## Innovative On The Inside

We designed Legacy Electronic pumps and dispensers for highly reliable service and a lower cost of ownership for you. We simplified and standardized the hydraulics. And we improved service access. So you'll benefit from easier, faster service and shorter service downtime. We reduced the number of hydraulic connections by half so there are fewer potential leak points. It all adds up to greater reliability and lower cost for you.

## Familiar On The Outside

If you're adding to an existing site, you'll find the Legacy Electronic pumps and dispensers maintain a similar image to Gilbarco Highline<sup>™</sup> equipment. For new sites, you'll find the 27" frame for both single and dual pumps and dispensers offers uniformity at your islands.

## Quality That Counts

Legacy Electronic pumps and dispensers feature electronics and computing systems specifically designed for retail fuel sales. They offer two-way communication with Gilbarco's Transac<sup>®</sup> System 1000<sup>™</sup> pump controller, TCR<sup>™</sup>-G/2 cash register/pump controller, and the G-SITE<sup>™</sup> fully integrated site management system. You can collect sales data, maintain declining balance inventories, and program pumps from these systems.

## Fast Fueling

Legacy Electronic models are available with standard flow (13 gpm\*/50 lpm\*) or high flow (22 gpm\*/85 lpm\*).

In addition to the Legacy series, Gilbarco's Ultra-Hi<sup>™</sup> electronic dispensers provide a higher flow rate (39 gpm\*/150 lpm\*). For fueling of saddle-tank trucks, an Ultra-Hi flow master/satellite configuration is available with a combined flow rate of 57 gpm\*/220 lpm\*. Tanks can be filled simultaneously or one at a time, depending on your local regulations. Satellite dispensers are available in single-hose and dual-hose models.

## Standard Features

Legacy Electronic units feature our latest advanced electronics. Liquid crystal displays (black characters on an orange field) are easy to read. Painted lower doors, electromechanical totalizers, and our patented "fail safe" solid state pulsers are also standard items. Standard units include hoses — 12' x 5/8" for standard flow rate units, 12' x 1" for high flow rate units.



\*Typical single-hose flow rates. Your actual flow rate may vary due to site-specific geography, installation, product type, and accessories. Ultra-Hi, Master and Satellite models do not have standard hydraulics.

# Models & Specifications

## Legacy® Electronic Models



Legacy® Series  
Electronic Pump

| Model  | Flow Rate | Products | Hoses | Pump/Dispenser | Standard Motor | Shipping Weight (lbs) | Shipping Volume (ft.3) |
|--------|-----------|----------|-------|----------------|----------------|-----------------------|------------------------|
| JH1000 | Standard  | 1        | 1     | Pump           | 3/4 HP         | 372                   | 3.6                    |
| JH1100 | Standard  | 1        | 2     | Pump           | 3/4 HP         | 418                   | 3.6                    |
| JH1200 | Standard  | 2        | 2     | Pump           | 3/4 HP         | 482                   | 3.6                    |
| JH1300 | High      | 1        | 1     | Pump           | 3/4 HP         | 352                   | 3.6                    |
| JH1500 | High      | 2        | 2     | Pump           | 3/4 HP         | 550                   | 3.6                    |
| JHA000 | Standard  | 1        | 1     | Dispenser      | N/A            | 209                   | 3.6                    |
| JHA100 | Standard  | 1        | 2     | Dispenser      | N/A            | 253                   | 3.6                    |
| JHA200 | Standard  | 2        | 2     | Dispenser      | N/A            | 374                   | 3.6                    |
| JHA300 | High      | 1        | 1     | Dispenser      | N/A            | 253                   | 3.6                    |
| JHA400 | High      | 1        | 2     | Dispenser      | N/A            | 286                   | 3.6                    |
| JHA500 | High      | 2        | 2     | Dispenser      | N/A            | 308                   | 3.6                    |

## Ultra-Hi™ And High Flow, Master, Satellite and Combo Models



Ultra-Hi™ Series  
Electronic Dispenser

| Model  | Flow Rate | Products | Hoses | Pump/Dispenser         | Standard Motor | Shipping Weight (lbs) | Shipping Volume (ft.3) |
|--------|-----------|----------|-------|------------------------|----------------|-----------------------|------------------------|
| JHB310 | High      | 1        | 1     | Master Dispenser       | N/A            | 253                   | 3.6                    |
| JHB410 | High      | 1        | 2     | Master Dispenser       | N/A            | 297                   | 3.6                    |
| JHB510 | High      | 2        | 2     | Master Dispenser       | N/A            | 363                   | 3.6                    |
| JHB600 | Ultra-Hi  | 1        | 1     | Master Dispenser       | N/A            | 275                   | 3.6                    |
| JHB800 | Ultra-Hi  | 2        | 2     | Master Dispenser       | N/A            | 308                   | 3.6                    |
| JHC310 | High      | 1        | 1     | Satellite Dispenser    | N/A            | 198                   | 3.6                    |
| JHC510 | High      | 2        | 2     | Satellite Dispenser    | N/A            | 198                   | 3.6                    |
| JHC600 | Ultra-Hi  | 1        | 1     | Satellite Dispenser    | N/A            | 198                   | 3.6                    |
| JHC800 | Ultra-Hi  | 2        | 2     | Satellite Dispenser    | N/A            | 198                   | 3.6                    |
| JHD510 | High      | 2        | 2     | Master/Satellite Combo | N/A            | 297                   | 3.6                    |
| JHD800 | Ultra-Hi  | 2        | 2     | Master/Satellite Combo | N/A            | 297                   | 3.6                    |

## Pumping Units

Self-contained pump models use combination rotary vane type pumping units with six durable blades and integral cast aluminum air separator.

## Motors

Pumps have 3/4 HP, 110/220 V, 60 Hz., single-phase motors, unless specified otherwise.

## Meters

All models except Ultra-Hi feature four-piston positive displacement meters accurate within 0.26%. Meter can be calibrated to within 1/3 cubic inch in five gallons. Ultra-Hi units feature a special meter designed to minimize metal-to-metal contact in the measuring chamber to reduce pressure drop and extend meter life.

## Filter/Strainer

All models except Ultra-Hi use standard Gilbarco 10-micron high density spin-on filters with back-up strainers. Ultra-Hi units use a 20-mesh strainer.

## Approvals

UL listed. Conforms with NIST Handbook 44. NTEP Cert. No. 94-027. CSA approved.

# Options

## For Legacy® Electronic Models

### LCD Color Choice

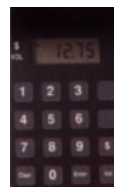
Black characters on an orange field is standard. Other field color choices available.

### Incremental Preset

Lets customer or attendant accumulate money or volume preset by adding values of 10, 5, and 1.

### Customer Programmable Preset

Customer or attendant can preset the exact money amount or volume using a numeric keypad.



### Stainless Steel Lower Doors

Instead of painted, which are standard.

### Lane-Oriented Nozzle Putdowns

Nozzles face lane instead of dispenser side. (A standard feature on Ultra-Hi™ Master, and Satellite units).

### Gerotor Pumping Units

Combination rotary internal gear type pumping unit and air separator for more efficient and quieter fuel delivery.

## For Ultra-Hi™ And High Flow, Master, Satellite, And Combo Models

### Satellite Ready Light

Light on the Master dispenser alerts user when the Satellite unit's handle is raised and ready to fuel.

Plus "Incremental Preset," "Customer Programmable Preset," "LCD Color Choice," and "Stainless Steel Lower Doors" as listed above.

Gilbarco products are manufactured or sold under one or more of the following United States patents: 4,687,033; 4,728,788; 4,799,940; 4,876,653; 4,890,210; 4,913,813; 4,938,251; 4,939,730; 4,986,445; 5,013,434; 5,029,100; Re.35,238; 5,083,846; 5,098,179; 5,099,403; 5,110,010; 5,134,548; 5,156,199; 5,228,084; 5,269,353; 5,325,706 D.316,471; 5,345,979; 5,355,915; 5,363,988; 5,384,850; 5,407,115; 5,417,256; 5,448,638; 5,450,883; 5,452,750; 5,464,466; 5,493,315; 5,514,933; 5,535,130; 5,542,458; 5,543,849; 5,546,981; 5,557,084; 5,561,715; 5,571,310; 5,592,979; 5,602,745; 5,626,649; 5,630,528. Additional United States and foreign patents applied for or pending.

