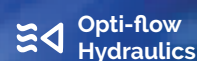


# LATITUDE<sup>TM</sup>

## FUEL DISPENSER

**Modern design** combined with improved performance.

The Latitude<sup>TM</sup> dispenser by Gilbarco Veeder-Root is a perfect blend of enhanced performance and sleek design that will draw vehicles to your station. Its innovative features are designed to make functioning easier and help you increase profits at your station.



**LS-100**

# The Latitude™ fuel dispenser at a glance



## New age design

Fresh design that attracts more drive-ins to your station



## Scalability for future expansion

Protect capital investment for future technology innovations



## Powersafe Electronics

Perform in varying power conditions



## Unparalleled Security

Protect your assets as well as brand equity from tampering instances

## Easy Hose

Improved Ergonomics

## Easy View Display

Win consumer trust with display visible in daylight conditions

**Projected Nozzle Boot**  
Ease of replacements and reduced miss-hits

**See-through Design**

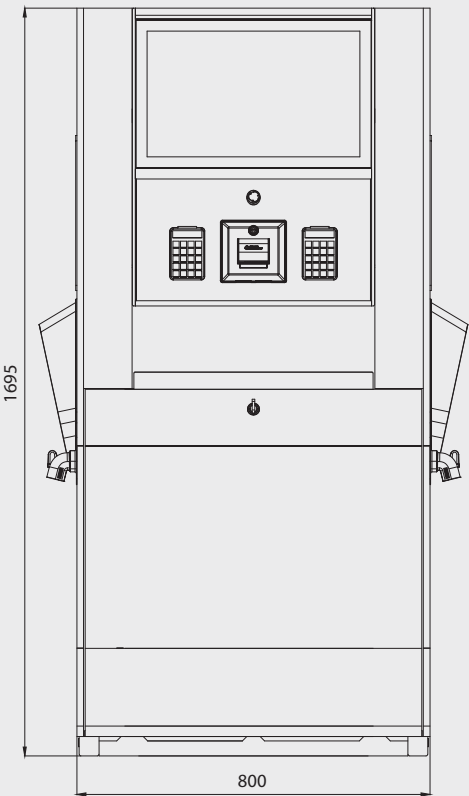
**Opti-flow Hydraulics**  
• Increased flowrates  
• Improved suction performance

**Max Filters**  
50% more effective filtration

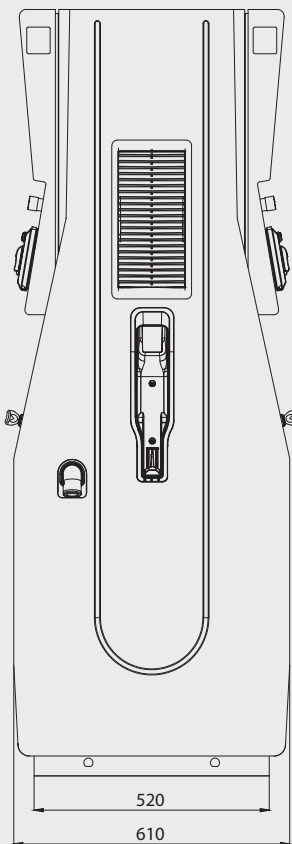


Technical Specifications & Foundation Layout

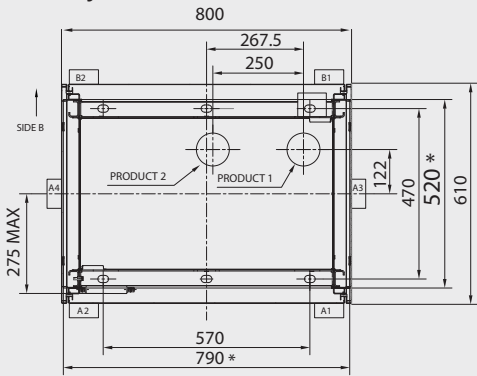
Front View



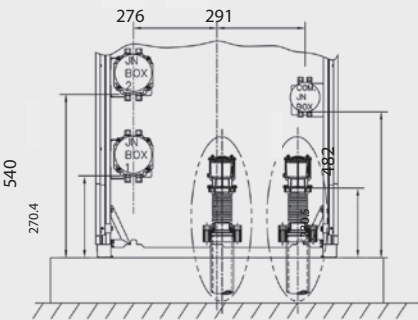
Side View



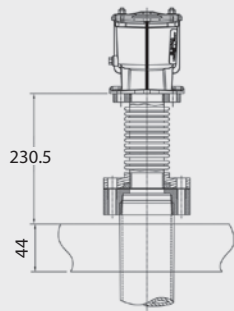
Foundation Layout - Suction



Junction Box Layout



Inlet Connection



LS-100 Configurations



- 1 Grade, 1 Hose, 2 Display
- 2 Sides
  - 1 Inlet
  - 1 Grade Dispensed

Model Identifier

Type	Standard Flow	High Flow
Suction	LS100-S1S	LS100-H1S
Pressure	LS100-S1P	LS100-H1P



- 1 Grade, 2 Hose, 4 Display
- 2 Sides
  - 1 Inlet
  - 1 Grade Dispensed

Model Identifier

Type	Standard Flow	High Flow
Suction	LS100-S2S	LS100-H2S
Pressure	LS100-S2P	LS100-H2P



- 2 Grade, 2 Hose, 4 Display
- 2 Sides
  - 2 Inlets
  - 2 Grades Dispensed

Model Identifier

Type	Standard Flow	High Flow
Suction	LS100-S3S	LS100-H3S
Pressure	LS100-S3P	LS100-H3P

Technical Specifications

Features	LATITUDE LS-100		
	Flowrate Options	Standard Flow (Gasoline/Diesel)	High Flow (Diesel)
	Delivery Speed*	Up to 40 - 50 L / Min*	Up to 70 - 80 L / Min*
	Market Availability	Middle East, Africa & South East Asia	
	Dimensions H x W x D (cms)	170 x 95 x 61 - Unit   185 x 103 x 74 - Packaging	
	Transport Efficiency (fitment in a 40ft container)	32	
	Approvals	ATEX, MID, OIML	
	Fuel Compatibility	Upto 10% Ethanol content & 5% Biodiesel content	
	Max. No. of Fuel Grades / Meters	2 Grades / 2 Meters	
	Hose Management	EasyHose	
	Multimedia 15.6" Screen (Option)	✓	✓
	Vapor Recovery (Option)	✓	✓
	Pump Stop (Option)	✓	✓
	Noise Level - 69dB** (Suction Model)	✓	✓
Hydraulics Options	Metering Unit	Gilbarco HD Meter with improved e-Calibration	
	Pulsar	Secure pulsar with lift-off detection	
	Motor (Suction Model)	<b>Standard:</b> 1 Phase, 220 - 240 Vac   <b>Option :</b> 3 Phase, 380 - 440 Vac	
	Pump Filter Type	Washable Filter	
	Meter Filter Type	<b>Standard:</b> Replaceable   <b>Option:</b> Washable	
	GPU-90 Pumping Unit	<b>Standard:</b> Vane   <b>Option:</b> Gear	<b>Standard:</b> Vane   <b>Option:</b> Gear
	Display Technology	High Contrast LCD Display with direct sunlight readability	
Electronic Options	Display Size	Money: 7 digits with floating decimals (9,999,999) 40 mm height	
		Volume: 7 digits with floating decimals (9,999,999), 40 mm height	
		PPU: 6 digits with floating decimals (999,999), 25 mm height	
	Matrix Keypad (with 4 + 4 pre-configured preset buttons)	✓	✓
	POS Connectivity	Gilbarco 2 Wire Protocol   <b>Option:</b> IFSF Protocol	
	Electronics Power Supply	Single Phase: 90 - 360 Vac*	
	Totalizer (Cumulative & Daily)	12 Digits (999999999.999)	
	Ticket Printer (Option)	✓	✓
	Secure EMT (Option)	✓	✓
	Motor Over-voltage Protection	✓	✓
	Electronically Adjustable Flowrate (Option)	✓	✓
	Electromechanical Totalizer (Option)	Enhanced Security EMT   7 digit Totalizer (9999999) with 1 Liter resolution	

\*Flow measured at site may vary based on installation conditions.

\*\*Performance tested in specific installation conditions.

+ 360 Vac sustained for 3 hours continuously.