LATITUDE™
FUEL DISPENSER

Modern design combined with improved performance.

The Latitude™ 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.

- New Age Design
- InMedia Display
- EasyView Display
- Unparalled Security
- Powersafe Electronics
- Opti-flow Hydraulics

LS-100

GILBARCO VEEDER-ROOT

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

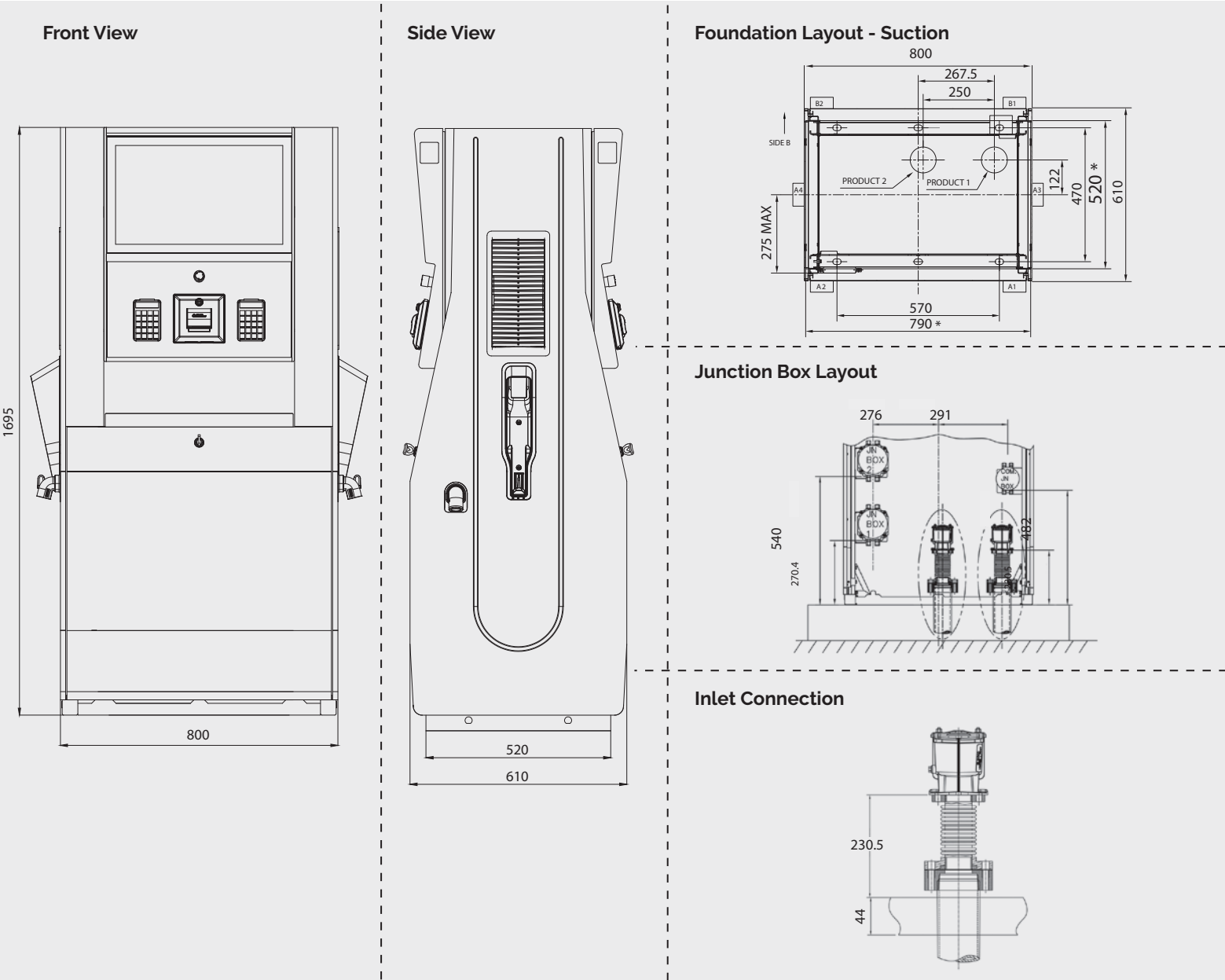**Powersafe Electronics**
Perform in varying power conditions

Unparalled 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

LATITUDE

Technical Specifications & Foundation Layout

Front View

1695

800

Side View

520

610

Foundation Layout - Suction

800
267.5
250
B2
B1
SIDE B
122
470
520 *
610
PRODUCT 2
PRODUCT 1
A4
A3
275 MAX
A2
A1
570
790 *

Junction Box Layout

276
291
JN BOX
JN BOX
JN COM
JN BOX
540
270.4
482

Inlet Connection

230.5
44

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

Note: Inlet and Nozzle locations are displayed for representative purpose only. Contact GVR customer service representative for more details.

Technical Specifications

		LATITUDE LS-100	
Features	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)	**Standard:** 1 Phase, 220 - 240 Vac | **Option** : 3 Phase, 380 - 440 Vac	
	Pump Filter Type	Washable Filter	
	Meter Filter Type	**Standard:** Replaceable / Washable***	
	GPU-90 Pumping Unit	**Standard:** Vane | **Option:** Gear	**Standard:** Vane | **Option:** 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 | **Option:** 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.
*** Contact your customer service representative for more details.
+ 360 Vac sustained for 3 hours continuously.