

Petro Vend 100® Fuel Control System

OPW Fuel Management Systems proudly introduces the Petro Vend 100® (PV100®) Fuel Control System – a stand-alone, pedestal-mounted system for small or mid-sized fleet-fueling sites that require one- or two-hose control.

The OPW Petro Vend 100® is the ideal solution for unattended fueling for small or mid-sized fleets. As a “turnkey system,” the unit is designed for quick and easy installation. It ships ready-to-use with 50 pre-configured users for immediate fueling access and requires only power, pulser and hose-control line connections in order to initiate system operation. The PV100® stores dispensed fuel amounts as card- and pump-specific totals, which can be viewed on the display or retrieved with an external USB flash drive.

Petro Vend 100® Fuel Control System Components



Features



Easy Installation



Convenient



Easy To Use



Savings

- ◆ Controls up to two hoses for mechanical pumps
- ◆ User selectable PINs, from three (3) to six (6) digits in length, allowing only authorized users to access fuel
- ◆ Hose-based quantity restrictions
- ◆ Dual, manual, pump override control enables pump relays and the recording of dispensed-fuel volumes during a specific time
- ◆ Monochrome graphic display
- ◆ Optional dual-head magnetic card reader
- ◆ Optional HID proximity key-fob reader
- ◆ Optional USB flash drive for transaction storage

- ◆ Allows you to adjust programming parameters, view card and pump totals, and transfer all data to a USB flash drive via Manager Card access in on-screen manager modes

Benefits

- ◆ Turnkey system with easy installation
- ◆ Cost effective for small to mid-sized fleet-fueling operations
- ◆ Field upgradable software
- ◆ Track and report fueling by card or pump totals (specific transaction data optional). See screen visuals on following page.
- ◆ Menu-driven configuration takes place at the terminal, eliminating the need for PC-required software
- ◆ Saves the expense of trenching and pulling wires for serial communications

Listings and Certifications



Electronic Testing Labs (ETL), per Underwriter Laboratories UL 1238

Electronic Testing Labs Canada (ETLC), per CSA C22.2

Mechanical Pump Control Specifications (PCM)

- ◆ Relay Contact Rating: 240 VAC; 20 A, 3.0 HP maximum
- ◆ “In-Use” Detection: Voltage Sense 120-240 VAC or Handle Switch
- ◆ Pulsar Type: Single Channel
- ◆ Pulsar Input: Mechanical (contact); Electronic (5-12 VDC)
- ◆ Pulsar Divide Rate: 1:1 – 1000:1; 1 pulse increments
- ◆ Maximum Pulse Speed: (50% duty cycle) 6,000 Mechanical; 100,000 Electronic

Memory

- ◆ Standard memory allows tracking of up to 50 proprietary cards
- ◆ Expandable to 250 proprietary cards
- ◆ Stores virtually unlimited number of transactions on USB flash drive (optional)

Technical Specifications

Cabinet Dimensions [H x W x D]:

10.75 x 14.25 x 9.75 inches
(27.3 x 36.2 x 24.8 cm)

Pedestal Dimensions [H x W x D]:

48.0 x 14.0 x 9.0 inches
(122 x 36.0 x 23.0 cm)

Power Requirements: 115/230 VAC, 50/60 Hz, 200 watts maximum

Operating Temperature Range:

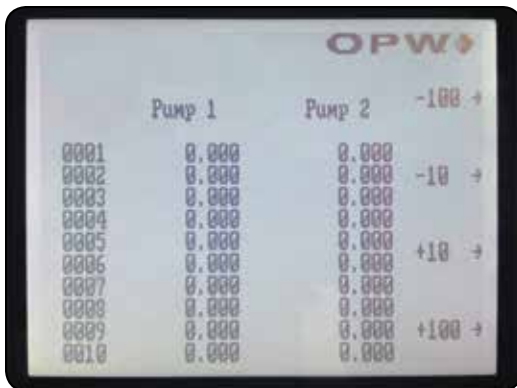
-40°F to 122°F (-40°C to 50°C)

Graphics display: 6.0 in (15.2 cm)

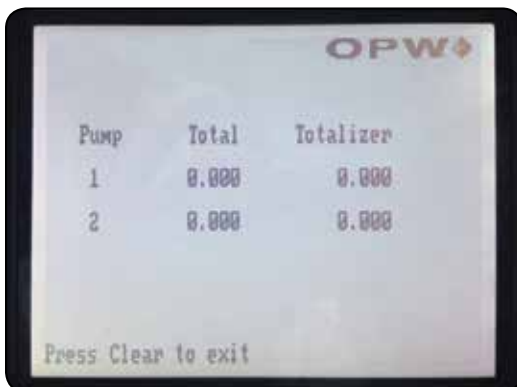
monochrome

Painted steel enclosure and pedestal

Internal Pump Control: Standard for up to two (2) hoses for mechanical pump control



Card totals



Pump totals