

## AFC™ Fuel Control System

With the AFC™ Fuel Control System managing your fleet, you'll never have to wonder when vehicle maintenance is due, who gets which fuel type, where your fuel goes, or how to keep track of your vehicles.

This turn-key fuel control system for small to mid-size fleets is easy to use and set up. The AFC's™ durable, weather-resistant stainless-steel construction ensures years of uninterrupted service. And because it's modular, maintenance can be accomplished quickly, reducing downtime and operating costs.

## AFC™ System Features

**One Stand-Alone AFC™ Terminal** can control up to 4 fueling positions.



- ◆ Durable stainless-steel enclosure and pedestal
- ◆ System configuration via remote PC
- ◆ Track declining tank inventory, with low-level alert and programmable pump deactivation levels
- ◆ Access the AFC™ with the traditional magnetic card, system keypad or the durable DuraKey™
- ◆ Lithium battery protects stored transaction data during power losses
- ◆ Weather shields guard card/ DuraKey™ reader ensuring uninterrupted operation in the most inclement weather
- ◆ Standard display heater ensures normal operation in cold temperatures
- ◆ Selectable maximum fuel by fueling position
- ◆ Selectable automatic shift change
- ◆ Deactivation on pulser failure
- ◆ Department discounts
- ◆ Capacity:
  - 255 departments
  - 16 fuel types
  - Up to four (4) fueling positions
- 999 stored transactions
- Two (2) and four (4) hose capacity
- 10,000 card/DuraKey™ capacity
- ◆ Fleet management features include:
  - Odometer reasonability
  - Vehicle classification
  - Maintenance alerts and lockout
  - Fueling restriction by fuel type/ quantity
  - Taxable and nontaxable fuel totals
  - Programmable user prompts
- ◆ Fuel management features include:
  - Fuel type and assignment report
  - Fuel type pricing
  - Security against product theft
  - Totals by fuel type and fuel position
  - Totals by shift
  - Grand totals
  - Running totals
- ◆ Automatically keeps track of all transactions by vehicle, driver and department, eliminating manual record keeping
- ◆ Accumulates information on card/ DuraKey™ numbers, date and time of access, hose number, and amount fueled

## Listings and Certifications



## Additional AFC™ Features

- ◆ Provides comprehensive reports for critical fuel management decisions
- ◆ Administrator PC software is used to program vehicles, drivers, personal identification numbers, limits, etc.
- ◆ ASCII utility exports data to third-party software packages
- ◆ Historical totalizer readings provide data for inventory reconciliation
- ◆ Installation and service features include:
  - Pre-punched conduit termination panel simplifies installation
- Field wiring terminals are clearly marked and easily accessible in the spacious enclosure
- Modular design makes servicing the AFC™ easy
- Fewer cable connections minimize maintenance and decrease service time
- Manual override switches allow you to bypass the card system if the unit is not operational

## AFC™ Specifications

**Readers:** Magnetic-stripe card, DuraKey™

**Display:** Four (4) line, 20-character backlit display

**Cabinet Dimensions [H x D x W]:** 10 x 12 x 20 inches (25 x 30 x 51 cm)

**Operating Temperature Range:** -40°F to 158°F (-40°C to 70°C)

**Input Power:** 120/240 VAC, 50/60 Hz, 100 watts

**Output Relay Rating:**

**Motor Duty:** 1 HP @ 120 VAC;  
3 HP @ 240 VAC

**Pulsar Supply:** 12 VDC, 2.5 W max.

## Pulsers

Petro Vend Fuel Control Systems offer a complete family of pulsers to meet your fuel management needs.

### Model 500 Features

- ◆ Main shaft and shaft extensions are machined from solid aluminum
- ◆ Intrinsically safe
- ◆ No conduit required between barrier and pulser head
- ◆ Will pulse any voltage 5 to 170 volts AC or DC
- ◆ Compatible with most self-service readout equipment, card and key systems
- ◆ Jumpers used to set pulser for type of pump computer being used
- ◆ Available in 12 VDC, 120 VAC, and 220 VAC pumps/dispensers.
- ◆ Pulses in tenths, hundredths, or cents depending on installation



### Model 800-F Features

- ◆ No conduit required between barrier and optical head
- ◆ Will pulse any voltage 5 to 170 volts AC or DC
- ◆ Counts 1/10 gallon per pulse and is designed to work with the Fillrite 800 or 900 series registers
- ◆ Available in 12 VDC, 120 VAC and 220 VAC
- ◆ Compatible with most self-service readout equipment, card and key systems



### Model 50 Features

- ◆ Will pulse any voltage 5 to 170 volts AC or DC
- ◆ Compatible with Tohkeim model 793 and Gasboy® Series 50 pumps
- ◆ Available in 120 VAC
- ◆ Pulses in tenths (1/10)
- ◆ Compatible with most self-service readout equipment, card and key systems



**NOTE:** See OPW Fuel Management Systems' website at [www.opwglobal.com](http://www.opwglobal.com) for detailed product literature, manuals and sales representative contact information for your area.