

# Compact Automatic FuelPort for Petroleum Products

The Simplex Automatic FuelPort is a factory packaged system for control of filling operations of aboveground tanks that are filled from pumper trucks. The Automatic FuelPort provides a ready means of ground level connection of the fill hose, and captures spills that may occur at the fill point during filling operations. The Automatic FuelPort alerts the operator at Tank Full with filling operations locked out at High Level. A leak detection circuit prevents filling of leaking tanks. Visual and audible level and leak alarms are provided.

The Simplex Automatic Fuel-Port is available for use with fuel oil (Class-II liquids) multi-tank units and units for use with gasoline (Class-I liquids) available through Simplex.

Contact Simplex or your Simplex representative for information on the full line of Simplex Tank Filling Systems.

## How It Works:

1. Delivery truck arrives and driver proceeds to Automatic FuelPort to make fuel delivery.
2. Connect ground cable
3. Unlock fill box and control box
4. Turn on controller
5. Connect delivery hose to hose coupling
6. Open valve on truck
7. Start delivery pump on truck
8. Press Valve Open pushbutton on controller
9. Automatic FuelPort valve opens
10. Fuel is delivered to tank
11. At Tank Full level, audible and visual alarm activates and alerts driver
12. Driver may stop delivery by pressing the Valve Close pushbutton and proceed to step #16
13. Driver tops off to Tank Full
14. At High Level, audible and visual alarm activates and Automatic FuelPort valve closes (valve may not be reopened)
15. Stop fill pump



## Top outlet shown (bottom outlet available)

16. Drain delivery hose
17. Close truck valve
18. Disconnect delivery hose from Automatic FuelPort
19. Turn controller off
20. Close and lock Automatic FuelPort doors
21. Proceed to next delivery, where, hopefully, the owner has had the foresight to install a Simplex Automatic FuelPort

## Includes:

- Freestanding, pad or tank mountable, weatherproof and lockable enclosure
- Quick disconnect hose coupling with dust plug
- Check valve
- Electrically operated shutoff valve
- Automatic controller
- Ground stud
- Optional post assembly available
- Available with top or bottom outlet



Float Set



### Controller Includes:

- Level sensors for installation in a 2" tank fitting (minimum)
- Tank Full visual alarm
- High Level visual alarm
- Tank Leak alarm
- Audible alarm horn activated by alarms above
- Power available indicator
- Control power On-Off switch
- Valve Open/Close push-buttons
- Type 3R enclosure

### Specifications:

Fitting size: 2" or 3"  
 Spill containment: 7 gallons  
 Paint: white with blue doors  
 Net Weight: 313 lbs.  
 Control power: 115-1-60v  
 Level transmitter fitting: 2" min.

### Order Checklist

- How many tanks to fill?
- Tank leak sensing required?
- Size fill fittings: 2" or 3"?
- Accurate tank dimensions required, 2" or 4" fitting required for transmitter (specify)
- Specify options

