

Automatic Overfill Prevention Device – OPD-2

The Automatic Overfill Prevention Device for static storage fuel tanks OPD-2 protects both the environment and the individual from the effects of fuel spillage. The product has been designed to meet BS EN 13616 standard (Overfill prevention devices for static tanks for liquid fuels. Overfill prevention devices with closure device). The overfill protection device is suitable for use on both fuel and diesel storage tanks, where the system may be fed by either pumping or gravity (not suitable for use with petroleum). Once the tank has reached its maximum fuel capacity, this valve will close to prevent any additional fuel from being delivered, thus preventing overfilling. A version of this can be supplied specifically for use on plastic tanks.

INSTALLATION

The device must be installed vertically.

- (1) Either remove the existing 2" fill point or drill a 60mm diameter hole in the top of the tank. This should be level or below an opening and close to the inspection opening. (Ensure swarf is removed or does not enter the tank)
- (2) Insert the device through the inspection opening and feed the thread through the 60mm diameter hole.
- (3) Whilst holding the device in situ fit the nitrile seal followed by the steel washer then tighten the nut to retain.
- (4) Fit the fill cap.

OPERATION

- (1) Remove the fill cap.
- (2) Ensure no debris has entered the device.
- (3) Screw on the filling pipe onto the 2" thread tighten to seal.
- (4) Fill the tank using the normal procedure.
- (5) The device will automatically regulate the delivery flow rate to a maximum of 2.5ltrs/min when the oil level has been reached.
- (6) Close the delivery hose shut off valve.
- (7) Turn off the delivery pump.
- (8) Wait 1 minute then disconnect the delivery hose from the device.

Features

Function:	Automatic Operation
Standard:	BS EN 13616
Pressure:	0.15 to 6bar
Flow Rate:	35 to 600 ltr/min
Process Connection:	2" Male BSP
Speed to open:	< 1min
Working Temperature:	-20°C to +50°C
Overfill Protection:	95% of tank volume (If used on larger Tanks and the 95% of the tanks volume is below the 175mm closing level contact sales for advice).

