



## OVERFILL PROTECTION VALVE

Item code: OFILLR-50-CATA

Straight through full bore Mechanical Overfill Protection Valve with 90° float operation.

Developed and manufactured specifically for PETRO Industrial for use with our range of PETRO Cubes and PETRO T Series Small Tanks.

**Nozzle Fill Only** - The valve is designed to be used with an oil company delivery truck nozzle. The valve is not designed to be retrofitted with a camlock fitting for high flow filling.

90° Float operation, once the liquid level reaches the safe fill level of the tank, the valve will close and prevent filling the tank any further.

Threaded DN50 (2") Male BSP c/w Lock Nut to fit to the tank socket from within the tank.

Spigot End to mechanically attach a drop tube into the tank.

**NOTE:** Metal on metal seating - any prolonged liquid pressure on the fill side of the valve will result in leakage through the seat over time, with then a risk of overfill of the tank.

### SPECIFICATIONS:

- Internal Diameter 50.8mm.
- Pressure Drop at 300Lpm 57Kpa.
- Angle of operation 90°.
- Maximum Operating Pressure 87Psi - 600Kpa.
- Average Flow rate 300Lpm @ 560Kpa.

### FEATURES:

- Cast aluminium structure compatible with Gasoline, Diesel, Kerosene, Ethanol, Methanol, Fuel Oil and Jet Fuel.
- Timken bearing.
- Scr BSP.
- Temperature rating: -40° C to + 80°C.

### MATERIALS OF CONSTRUCTION:

- Body: Aluminium - AC4C.
- Rotary Valve - Aluminium - AC4C.
- Screw - 304 Stainless Steel.
- Pin - 304 Stainless Steel.
- Ring Lock - 304 Stainless Steel.
- Lock Nut - Aluminium - AC4C and Polyurethane.
- Bearing: Timken.
- Float: HDPE.
- Float Rod: 304 Stainless Steel.

### SHIPPING:

Weight (kg)	Dimensions (mm)
3	400L x 120W x 150H