

## PBV150

### PRESSURE BALANCE FOOTVALVE

Developed to meet demanding requirements of the Aviation refuelling market, Liquip's new high performance pressure balanced valve has been destruction tested to ensure maximum life and lowest maintenance cost.

The valve closes off against pressure, providing self contained shut-off for aircraft refuellers or normal vehicles where it is preferred not to have electronics on the gantry. The pressure balance valve may also be used to prevent loading on top of returns as well as for overfill protection.

#### FEATURES

- ▶ Anodised aluminium piston and cover for smooth operation and wear resistance.
- ▶ Stainless steel strainer to stop foreign objects such as nuts and bolts going through the valve.
- ▶ Double lip-seals provide highly effective bi-directional sealing.
- ▶ Only 8 off bolts in tank flange & 8 off screws in outlet flange allow simple removal.
- ▶ The ARO300 air ram is removable for service without removing the valve from the vehicle.

<i>Materials of Construction</i>	Aluminium body, piston and cover Stainless steel fasteners, spring & gauze Viton seal and quad-rings
<i>Mounting</i>	Mount to tank to DIN150 Pipe mounting is 4"TTMA flange (BF4) or DIN100
<i>Weight</i>	7 kg
<i>Technical Data</i>	Maximum inflow rate (loading) = 3,000 L/min Working pressure 1000kPa (10bar) Air pressure required 400 to 900kPa

