

Air Transfer Valve

The Air Transfer valve allows the slug of air trapped in the fill line between the delivery tanker and submerged drop tube exit to escape into the tank ullage, instead of being pressurised and forced through the stored product in the tank.



RIS-ATV-4 for 4"
drop tubes



RIS-ATV-3 for 3"
drop tubes

ADVANTAGES:

- Reduced creation of vapour
- Reduces turbulence of fuel in the storage tank
- Faster delivery cycle
- Reduced risk of fill line lock-ups and blow-backs
- Prevents aeration of suction lines and loss of pump prime

Ask to see our free video of the Diffuser and ATV in action inside a tank!

The Patented RIS-ATV can be easily installed on site, with new or existing removable drop tubes. A form and drill installation tool is required for existing drop tube applications. New pre-formed drop tubes are available from Purfleet Forecourt Services. RIS-ATV valves are compatible with both RIS-STOP and other makes of Overfill Prevention Devices.

USA Patent numbers: 5,899,227 & 6,138,707
UK Patent Number: GB2324522
Other international patents applied for.

