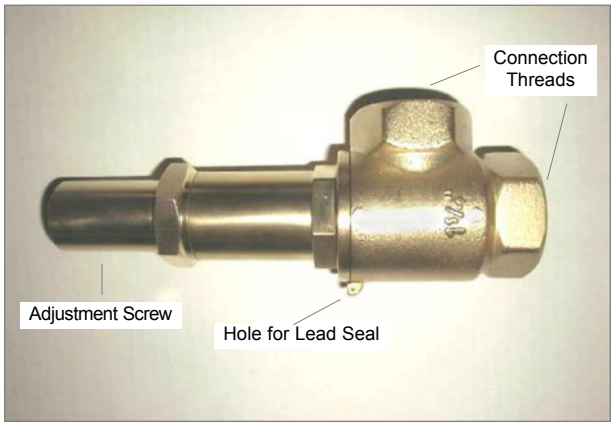
Use :

If the maximum liquid height in the tank (e.g. Oil Tank) is higher than the lowest point of the suction pipework (e.g. burner connection) it is necessary to protect the pipework against "siphoning out".

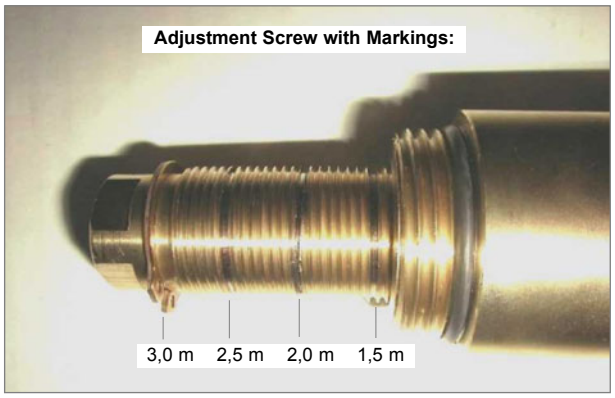
For all above ground tanks it is necessary to install an anti-siphon valve with pressure relief as there is the danger of a pressure rise through warming.



Technical Data / Materials of construction :

Nominal Bore: DN 25 - DN 32 - DN 38 - DN 50
Siphon protection: 1.5 - 3.0 metres (adjustable)
Opening pressure: 2.0 Bar (pressure relief valve)
Fluids: Diesel, Oil, Vegetable Oil, Biodiesel
Working pressure: 10 bar
Max. Temp.: 90° C
Materials: Valve - Brass, Seal - Nitrile,
Pressure Spring - S/S,
O-ring - Viton.

The space-saving right-angled valve has a simple and reliable construction.



Installation & Adjustment :

The valve is installed at the highest point of the tank, for instance on the manhole cover.

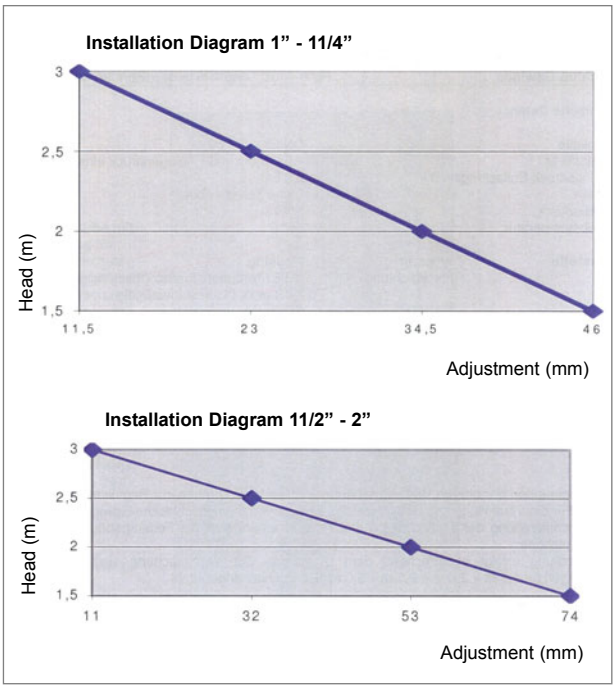
The valve is set up in the factory for the lowest anti-siphon value (Hydrostatic Head; 1.5m).

The value to which the valve needs to be set on site is found as follows. Height of maximum tank liquid level minus height of lowest point of delivery pipework.

The adjustment screw for the spring pressure is visible after you remove the top cap. To increase the anti-siphon setting, loosen the locking grub screw on the side and turn the adjustment spindle clockwise with a spanner on the square head.

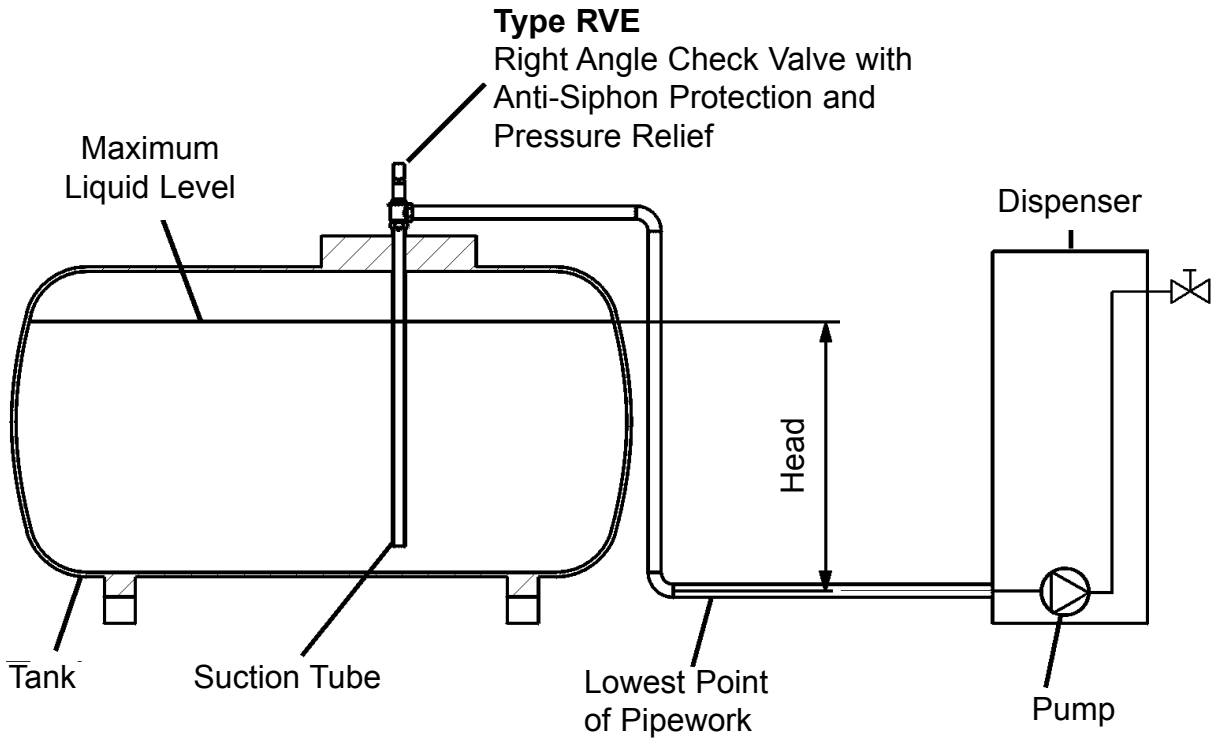
The adjustment position is set by referring to the graphs. To simplify the process, the spindle is marked with grooves for 1.5 - 2.0 - 2.5 - 3.0 m.

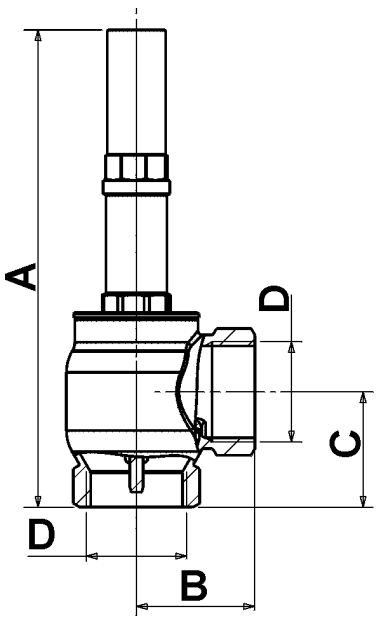
After adjusting the valve the grub screw should be retightened and the top cap replaced.



Order Numbers :

DN 25: **RVE 100-1" Ms**
DN 32: **RVE 125-11/4" Ms**
DN 40: **RVE 150-11/2" Ms**
DN 50: **RVE 200-2" Ms**





Nominal Bore	Part Number	A [mm]	B [mm]	C [mm]	D [Female Thread]
DN 25:	RVE 100-1" Ms	209	40	45	G 1" IG
DN 32:	RVE 125-11/4" Ms	209	45	50	G 11/4" IG
DN 40:	RVE 150-11/2" Ms	300	85	83	Rp 11/2" IG (DIN 2999
DN 50:	RVE 200-2" Ms	285	71	69	G 2" IG