

Angle check valve spring pressure guide

Pressure psi	Colour	Optimum Feet	Range Feet	Optimum mm	Range mm
3	RED	6	5/7	1830	1530 / 2130
4	BLACK	8	7/9	2440	2130 / 2740
5	GREEN	10	9/11	3050	2740 / 3350
6	BLUE	12	11/13	3660	3350 / 3960

When determining the spring required, measure from the maximum height liquid level to ground level. Small variation will occur depending on the weight of the product to be checked. This is a guide and not a rule.

To test the valve spring tension is correct the tank should be filled and the pump run. When the pump is switched off remove the nozzle and lay the hose in a tray on the ground. The hose contents will drain but the flow will stop. If not the spring tension is insufficient. Replace with a higher tension spring. If the pump is struggling to pump the product the spring tension is too high. Replace the spring with lower tension.