

Stock Proof Trough Valve.

Sick of replacing or fixing traditional lever arm float valves damaged by stock? Philmac's submersible trough valve is the solution with a flexible cord and float that actually hugs the trough wall. Out of harm's way, the float is still easily adjusted from above the water line to ensure the correct water level at all times. Philmac – making water work for you.



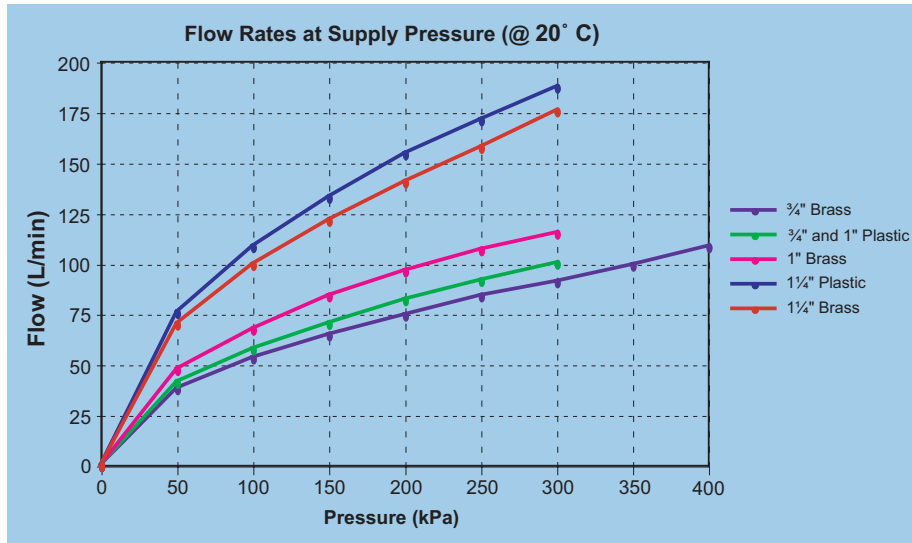
Features And Benefits

- Underwater installation to minimise damage by stock and reduce the need for a protective cover:
- The same valve works as a side inlet, bottom inlet or overhead inlet to suit most types of troughs and installation requirements.
- The float can be tied off above the water line to ensure easier installation.
- Pre-fitted plastic tube on the cord to prevent the cord fouling on the body in low water situations.
- Available in plastic or brass for strength and corrosion resistance.
- Wide range of flow rates to meet the water demands of stock.
- 3/4" BSP, 1" BSP and 1 1/4" BSP inlets to valves available to suit most trough sizes.
- Made in Australia.

Technical Data

Performance

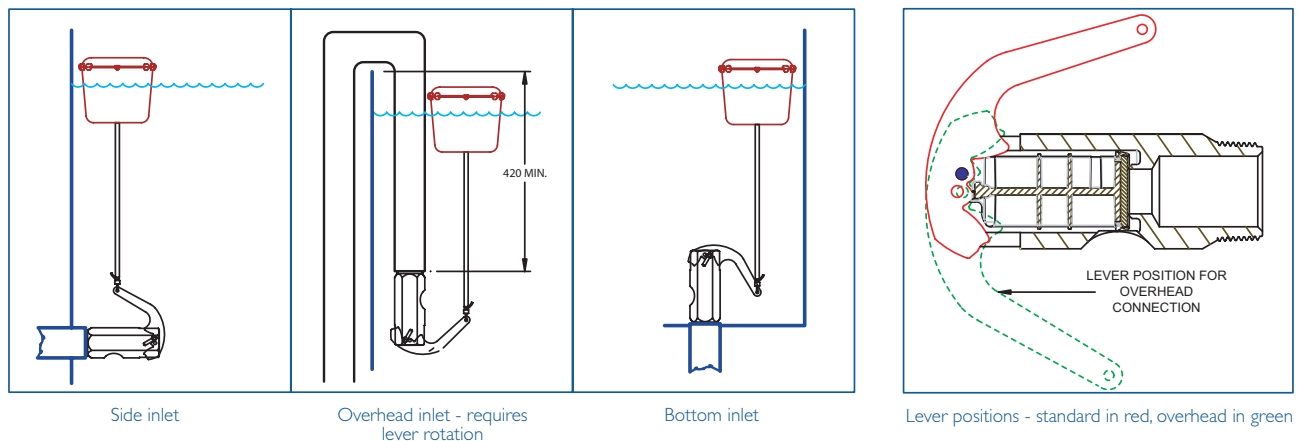
Maximum shutoff pressure (static laboratory test): 300 kPa (except 3/4" brass which is 400 kPa)



Materials

Body (Plastic) – Acetal
Body (metal) - Brass
Spool – Acetal
Washer – Nitrile rubber
Lever Arm + eyelet – Stainless Steel (316) + brass alloy
Pin – Stainless Steel
Cord – Nylon
Float – Polypropylene

Installation Instructions



Overhead Fitting

- The female socket should be no less than 420mm below the top rim of the trough or tank.
- Remove the lever as factory fitted and rotate it by 180°. Place the lever in the valve and then thread the pin through second hole of the lever.

Setting the Float

- Insert the cord through bottom hole of the float, ensure the top of the float is BELOW the rim of the trough then place the cord around the right hand lug (Figure 1).
- Make a loop (Figure 1), twist the loop (Figure 2) and place it over the left hand lug and pull tight (Figure 3).

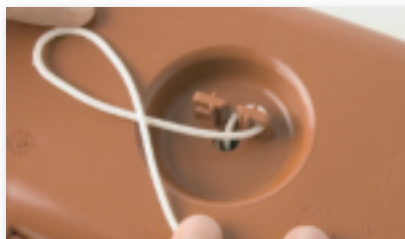


Figure 1



Figure 2



Figure 3

WARNING: THE TUBE MUST REMAIN CORRECTLY FITTED TO PREVENT CORD ENTANGLEMENT AT LOW WATER LEVEL.

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