

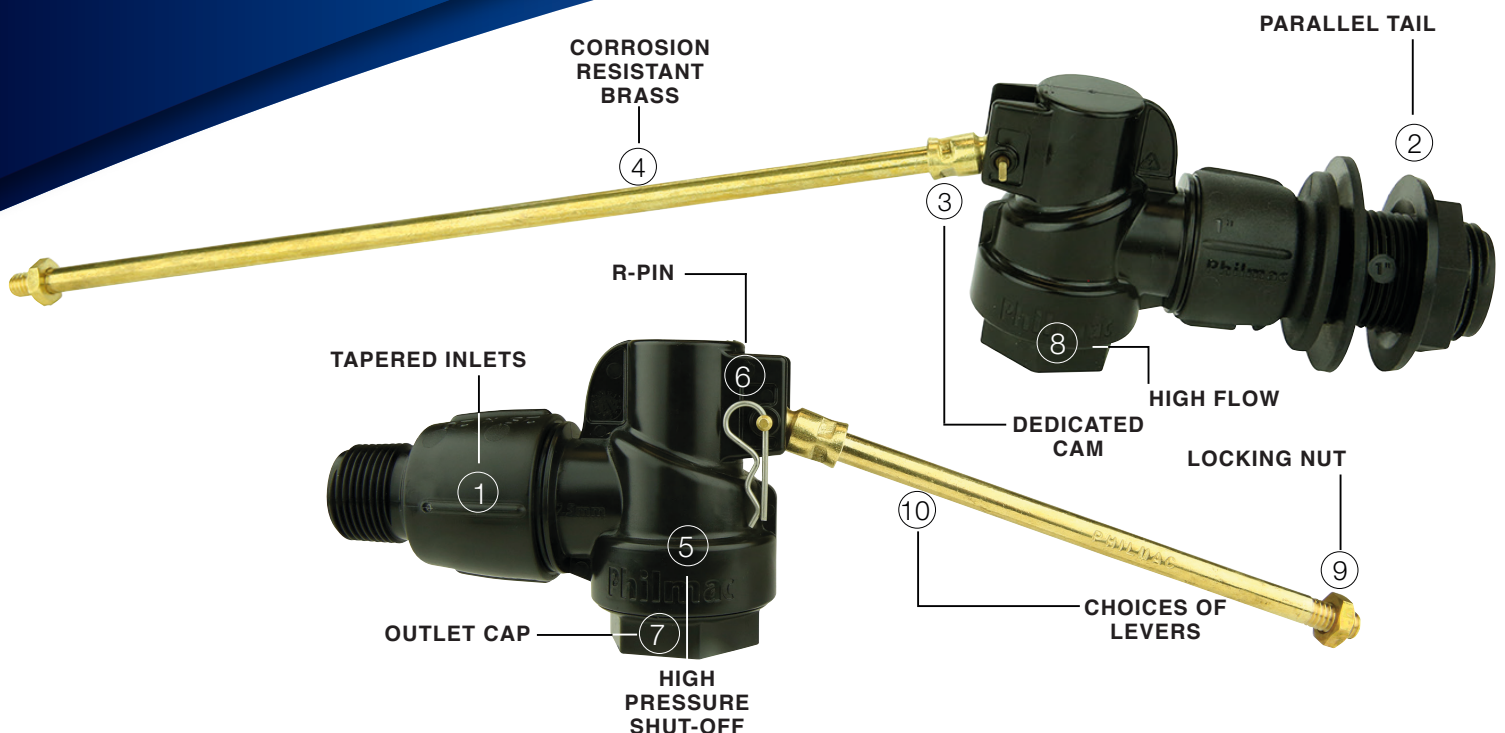
# VERSA PHIL

## Float Valves

### TECHNICAL SPECIFICATIONS

**Philmac**<sup>®</sup>

The connection you can trust.



**(1) Tapered Inlet** – The tapered inlet valves come standard with a 3/4" BSP male inlet and a 1" BSP male inlet. This means one valve suits troughs with a 3/4" or 1" connections. This means less valves need to be stocked.

**(2) Parallel Tail** – The Parallel tail valves include a sealing washer and a backing nut. This makes them suited to poly troughs where no inlet thread is fitted. Available in 3/4" or 1".

**(3) Dedicated Cam** – Rather than a one-piece lever with a narrow cam this dedicated cam is wider and has significantly greater strength. It provides greater resistance to damage by stock.

**(4) Corrosion Resistant Brass** – The lever assembly and pivot pin are manufactured from DZR (dezincification resistant) brass. This means they resist corrosion. This prevents the weakening of the brass leading to premature failure.

**(5) High Pressure Shut-Off** – The combination of body design, lever length and float size (6" or 150mm) provides high pressure shut-off. With an inlet pressure up to 1400 kPa (Standard Lever) the valve will not leak. This makes it suited to installations such as at the bottoms of hills.

**(6) R-Pin** – A pivot pin and stainless R-Pin hold the lever assembly in place. The pivot pin can be removed without any tools, which makes lever adjustment, installation and maintenance a simple task and saves time and effort.

**(7) Outlet Cap** – The outlet cap has moulded, scientifically engineered flow directors. This minimises the rosette effect, which causes unnecessary splashing, and saves water.

**(8) High Flow** – Across the range of inlet pressures the valve has a high flow. This means it can fill troughs quickly thus providing sufficient water to meet the demands of the stock.

**(9) Locking Nut** – Each lever has a nut fitted to the end. This nut locks the float in place to prevent it from coming undone. This provides peace of mind that the float cannot come loose and precious water be lost.

**(10) Choices of Levers** – Two lever lengths are available. The standard (295mm) and a short (165mm) lever for smaller troughs or troughs with smaller chambers. This means one valve suits a greater range of troughs.

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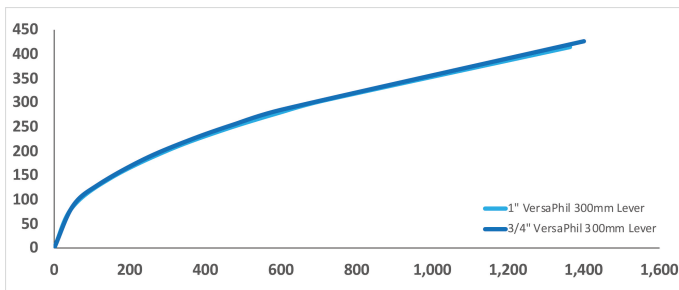


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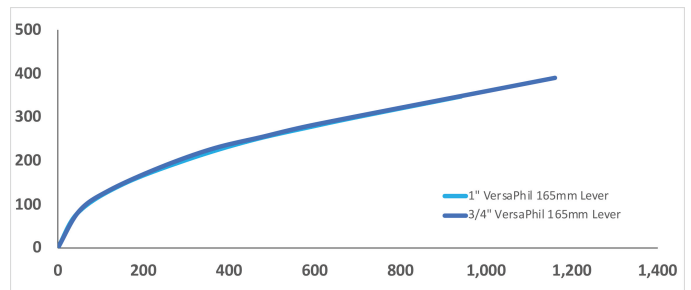
## Float Valves

TECHNICAL SPECIFICATIONS

### FLOW RATES



**1" & 3/4" inlet - 300mm Lever**



**1" & 3/4" inlet - 165mm Lever**

### FLOW RATES (L/min)

Inlet size (BSP)	Inlet Pressure (kPa)					
	100	200	300	400	600	800
3/4" or 1"	75	135	200	242	293	315

### Operating Pressure:

Float size	Lever length (mm)	
	165 (short)	295 (standard)
5 1/2" (140)	10 - 950	10 - 1150
6" (150)	10 - 1000	10 - 1200

Suitable for:



Suits trough capacity: Up to 1500 litres

Installation options: Top and Side

Float Size: 6" (150) (Part #90499600) or 5 1/2" (140) round (Part #90499500)

Inlet Thread: 3/4" or 1" BSP Tapered  
3/4" or 1" BSP Parallel

Lever Thread: 5/16" BSW

Lever Length (pivot pin to start of thread): 295mm & 165mm (short lever)