

Thirsty livestock to happy livestock in just 80 seconds.

Waiting in line is never fun. In just 2 minutes, 20 cows can drain a 400 litre trough, keeping those who missed out waiting in line while the trough is refilled.

The all new Philmac Float Valve Solution can comfortably replace water faster than your stock can drink it, whilst withstanding the toughest conditions. Now delivering over 300L/min with a shut off pressure of 1200kPa, your livestock will never have to wait in line for water again.

If you need a valve that works, insist on Philmac.



Philmac[®]

The connection you can trust.

A 30 second saving may seem small, but it makes a big difference to your stock.

A 100 strong head of cattle can drink around 8000 litres per day or 20 troughs of water. With the Philmac PN12 Float Valve Solution installed, your stock won't be kept waiting. They'll have an extra 10 mins per day or 60 hours per year – that's an extra seven full days of grazing.

When water use increases in summer, the Philmac PN12 Float Valve Solution could reduce stock waiting time by almost 30 minutes per day.

Your livestock could be spending an extra 1.5 days grazing or conserving energy each month during summer.

Philmac PN12 Float Valve Solution
Less time waiting, more time grazing.



The Philmac PN12 Float Valve Solution:

- **Reduces wave action** in the tank by using moulded, scientifically engineered flow directors in outlet cap. They effectively distribute the discharging water to ensure a better and more effective trough fill.
- Comes with a **25 mm female to 20 mm male threaded adapter** which will suit many common trough inlets. An O-ring seal on the inlet thread is also supplied so that you won't need sealing tape to use with the adapter.
- Uses a **simple pin system** to easily remove and adjust the valve lever arm, without the need for tools. Installation and maintenance has never been easier.
- Incorporates **Philmac's 80+ years of experience** in designing and manufacturing valves for Australian conditions.



Crowded watering areas can cause other issues for your livestock, apart from delaying their opportunity to drink. With more animals staying longer around the watering point, dust or mud can be generated causing soil erosion or even contaminating the water.

Most livestock are very sensitive to poor water quality and may reject water if it is contaminated. Jostling for position can also stress livestock as the stronger animals assert their dominance at the crowded water trough.

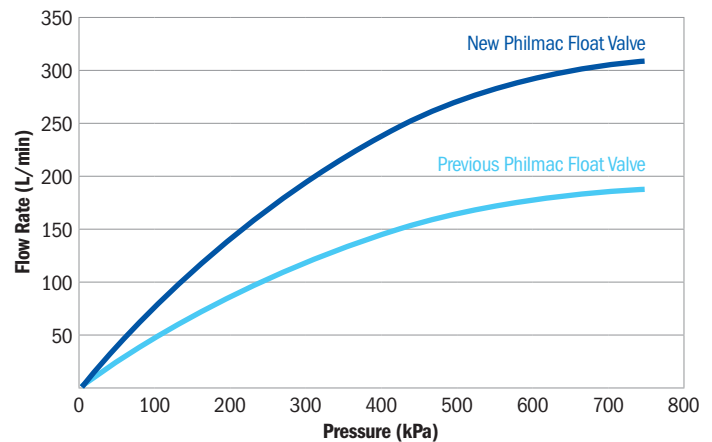
The Philmac PN12 Float Valve offers reliability and durability you can expect from Philmac valves. It's approved for tough Australian conditions after:



- Extensive paddock testing in tough and demanding Australian conditions, by Australian farmers, offering the same performance as the day it was installed.
- Rigorous NATA-accredited laboratory testing including over 50,000 on/off tests, plus continuous use for over 1,000 hours using dam water equivalent mud/silt mixture with no wear of the valve or components.

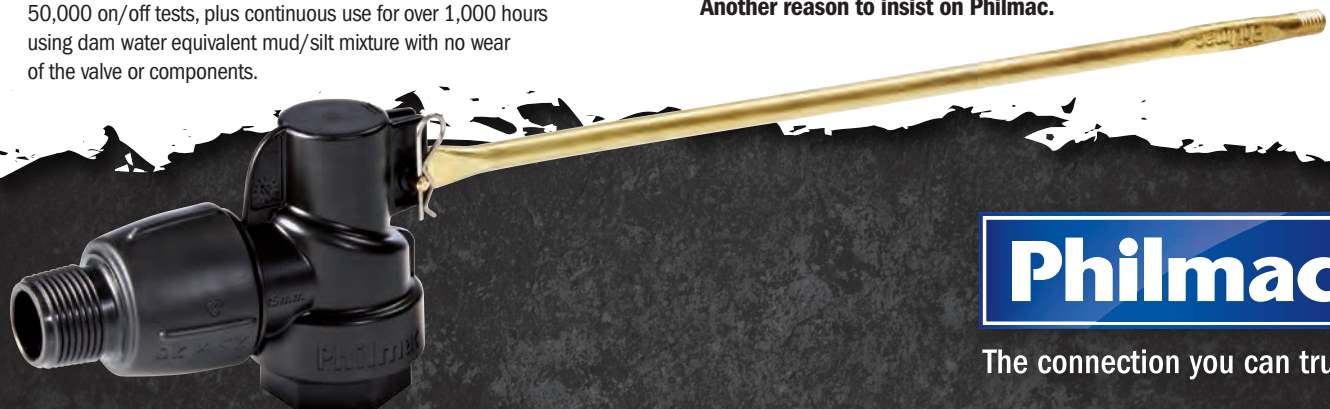
Features	Previous model	New, improved design
Flow rate	220L/min (@600kPa)	295L/min (@600kPa) Optimal flow characteristics have been tested across a range of pressures using the latest in computer flow analysis.
Approximate time to refill a 400 litre trough at 600kPa	 110 seconds	 80 seconds
Shut off pressure	10 bar or 1000 kPa	12 bar or 1200 kPa
Adapter		20 x 25 mm (¾ x 1 inch) adapter and O-ring seal
Livestock experience		less waiting, less stress; more time to graze or rest
Materials	Made from high grade thermoplastic materials that can withstand high levels of corrosion and impact. Backed by a 12 month warranty.	
Performance testing	Float Valves are tested in Philmac's NATA accredited laboratory and extensively field tested in harsh conditions. Even when 20 per cent dam soil and clay was mixed with water during extensive field testing (equivalent to 20+ years of service), the Philmac Float Valve Solution did not fail or wear.	
Range	¾" and 1" dedicated float valves	1" float valve, which includes ¾" x 1" threaded adaptor pre-installed (code 91470320)

Philmac Float Valve Performance



Performance testing completed independently by Uni SA, South Australia.

The Philmac PN12 Float Valve Solution has been designed to reliably deliver high volumes of water quickly and efficiently. Another reason to insist on Philmac.



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