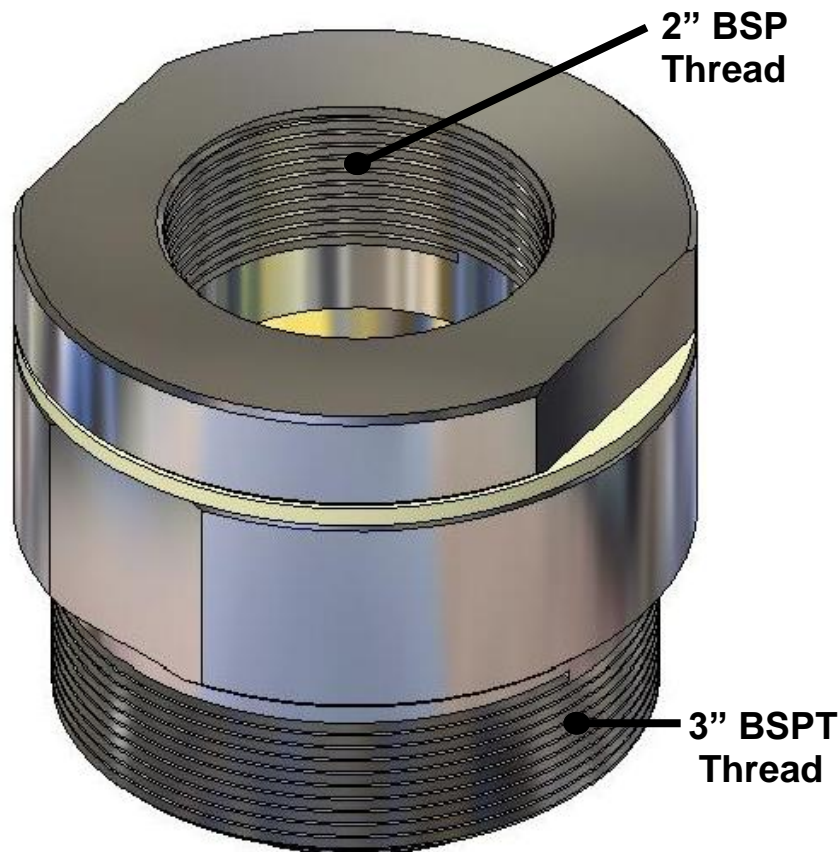


McCONNEL

"making milking easier and faster"

2" Wash union



Providing these benefits:

- **Faster and more effective wash down:** Large through hole gives greater flow of water and reduces power consumption.
- **Easy to install:** Standard 3" BSPT thread for fixing to centre post and 2" BSP threaded outlet minimises installation cost and sealing problems.
- **Low maintenance:** Made from stainless steel to resist corrosion and sunlight. Quality seal with replaceable wear bushings.
- **Good value for money:** Priced right, easy to fit, designed for the job and made to last.

Using water to power your backing gate.

Yard wash water, supplied to your backing gate through a **McCONNEL** wash union can be used to power a single backing gate, or two backing gates in the same yard. When the yard wash is turned on, the active gate will move up behind the cows. A pull string can be run the length of the working area to turn the yard wash pump or solenoid valve on and off.

Any ball valves to isolate the yard wash or gate drive should be placed at the moving end of the backing gate. The valves can easily be set when bringing cows into the yard or when the backing gate is near the shed, minimising the amount of walking required.

One gate –one way (power forward, manual reverse)

Simply branch a 25 mm pipe from the gate top pipe to the gate drive water turbine and use the freewheeling clutch to return the gate to it's start position.

One gate –two way (power forward and reverse)

The water supply to the backing gate drive branches from the gate top pipe to feed both water turbines with an isolating ball valve in each line so either forward or reverse can be selected.

Two gates - one way 360 deg + (power forward, no reverse required)

Supply water to both gates by putting a tee in the wash union. As illustrated, one outlet can be plumbed through a wash boom to follow gate 1, while the other is connected to gate 2 by flexible hose. When a gate is parked to act as a breast rail in the yard, the yard wash and gate drive ball valves are closed. The gate becomes active again when the gate drive ball valve is opened.

Recommended Installation

