

SAFE

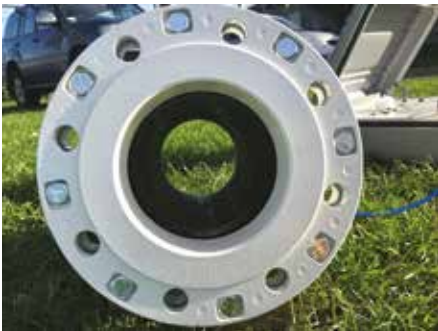
SET AND FORGET ECO (SAFE)

AUTOMATED MULTI USE STORMWATER DIVERSION SYSTEM SHEDS, TRUCK-WASHES, AND INDUSTRIAL WASH-DOWN PADS

The Set and Forget Eco automatic diversion system is the most advanced, user-friendly, and fail-safe stormwater diversion system available in New Zealand.



Side View



Valve Open (de-activated)



Valve closed (activated)

FEATURES

- The system comprises key components not found in any other multi-use diversion system.
- A very robust rubber sleeve fully open or fully closed long-life pinch valve.
- Proprietary programmable controller with full auto re-set can be configured to suit individual requirements.
- Air driven, one moving part configuration.
- Is fail-safe.
- Manual override to allow non programmed use.
- The valve can be buried.

BENEFITS

- Suitable for applications requiring the discharge or storage of stormwater.
- Reduces the volume of storage and pumping required for effluent/dirty water or trade waste.
- Reduces electricity use and wear and tear on pumps, and irrigation plant.
- Full-flow valve; avoids blockages from sand, grit, rubbish (pinch valves do not have any bore obstructions).
- Can be installed new, or retro fitted in most stormwater systems.
- Can be utilised to capture service water for recycling.
- Defaults to stormwater/effluent storage if power fails.

OPTIONS

FIRST FLUSH

This capability, where rainwater is not diverted to the environment until 5 to 10 mm of rain has fallen, is becoming increasingly popular amongst users and regulators.

A small, highly accurate 'plug-and-play' rain gauge is used to measure each mm of rain that falls. Once an optimum flushing rainfall (normally between 3 to 10 mm, but determined by the user on a site-by-site basis) is recorded, the controller then activates the valve to divert stormwater away from storage.



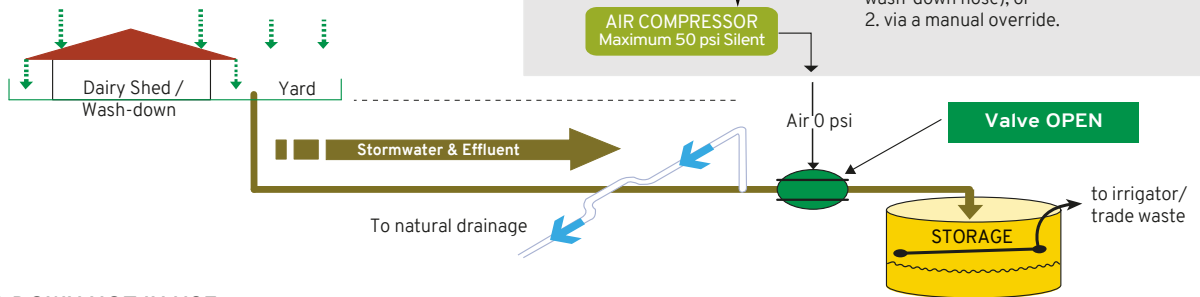
The most reliable, automated, programmable stormwater diversion system available.

www.groundwater.co.nz

HOW IT WORKS

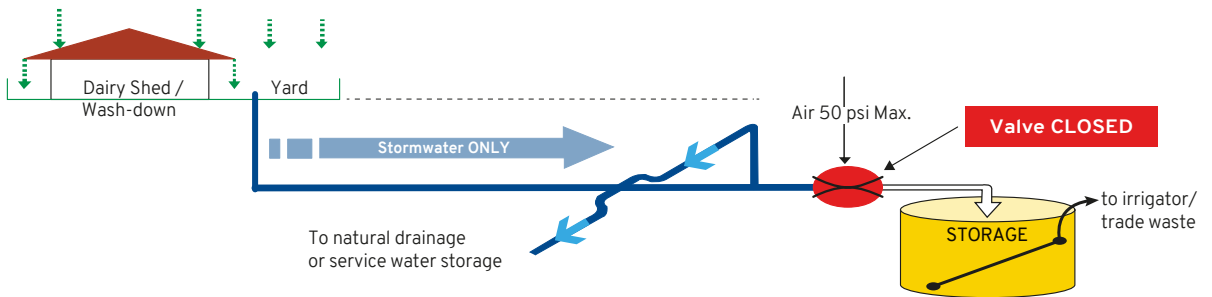
YARD / WASH-DOWN IN USE

1. Valve Open (default position)
2. Effluent and Stormwater to storage
3. Occurs if power fails.



YARD / WASH-DOWN NOT IN USE

1. Valve Closed (active position) - small volume of 50 psi required
2. Yard/Wash-down clean
3. Stormwater to natural drainage or service water storage.



THE PACKAGE

For 150mm Drainage
(other sizes from 100 to 300 mm also available)

- 1 x 150 mm SAFE Valve
- 2 x 150 mm NZ Stormwater PVC Adaptors (1)
- 2 x 150 Rubber Gaskets
- 8 x M20 x 70 Bolts & Nuts
- 1 x 100 m coil 6 mm Nylon tubing
- 1 x Silent Air Compressor or Pressure Reducing Valve (2)
- 1 x Programmable Controller
- Air Fittings
- 1 x 150 mm Stormwater Tee
- 1 x 150 mm 45° Elbow

(1) Valve manufactured to ANSI European standards, therefore requires adaptors.
(2) Max operating pressure 50 psi.



1 YEAR WARRANTY — ALL PRICES AVAILABLE ON REQUEST

CONTACT YOUR LOCAL DEALER

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SYSTEM DEVELOPED AND PRODUCED IN NZ BY

GEMS

GROUNDWATER EQUIPMENT & MONITORING SERVICES LTD.