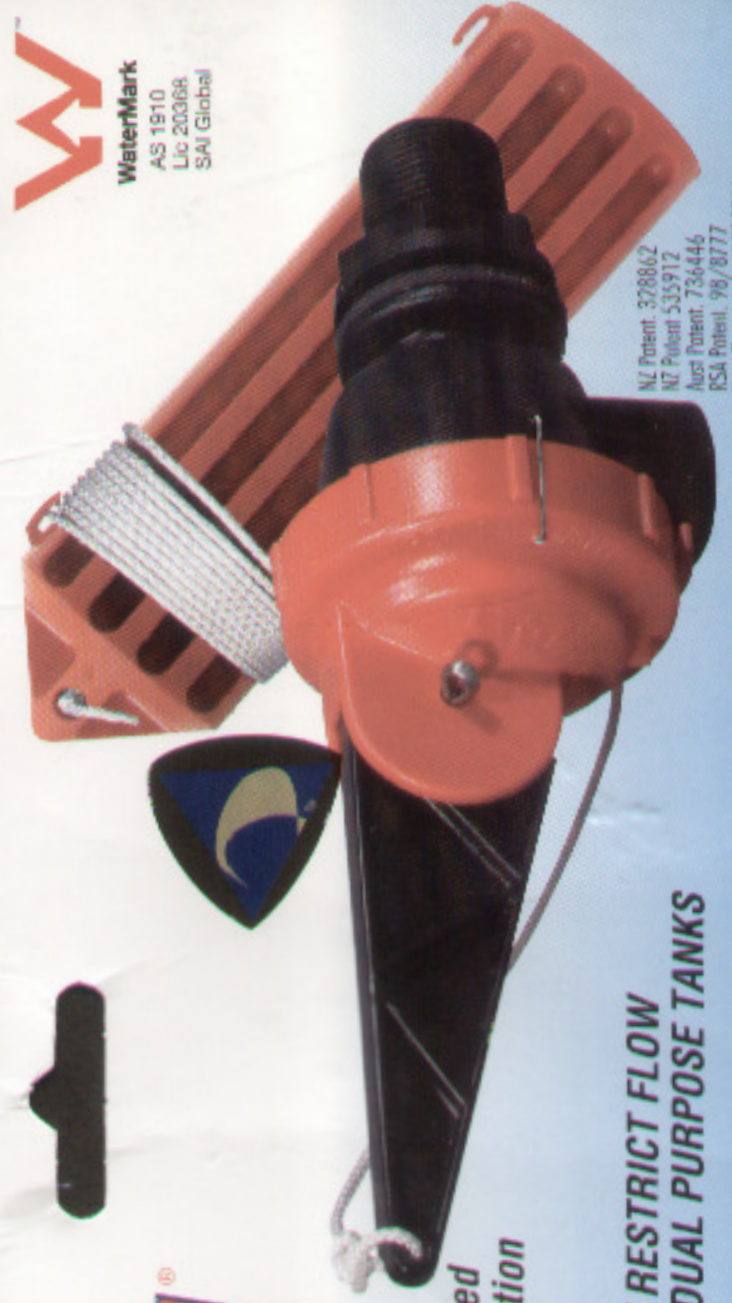


NZ Patent: 328862
 NZ Patent: 535917
 Aust Patent: 736446
 RSA Patent: 98/8777
 Aust Class II Patent 1025211



WaterMark
 AS 1910
 Lic. 200368
 SAI Global



- **For rainwater retention applications**
- **Maintains water level for continuous supply**
- **Simple to install. No electrical supply required**
- **Standard's approved for mains water connection**
- **Minimum inlet pressure 55kPa (8psi)**
- **Maximum inlet pressure 1000kPa (150psi)**
- **Maximum water temperature 60°C • DO NOT RESTRICT FLOW**
- **NOT TO BE MODIFIED • NOT TO BE USED IN DUAL PURPOSE TANKS**
- **USED FOR STORMWATER DETENTION**

RainAid®

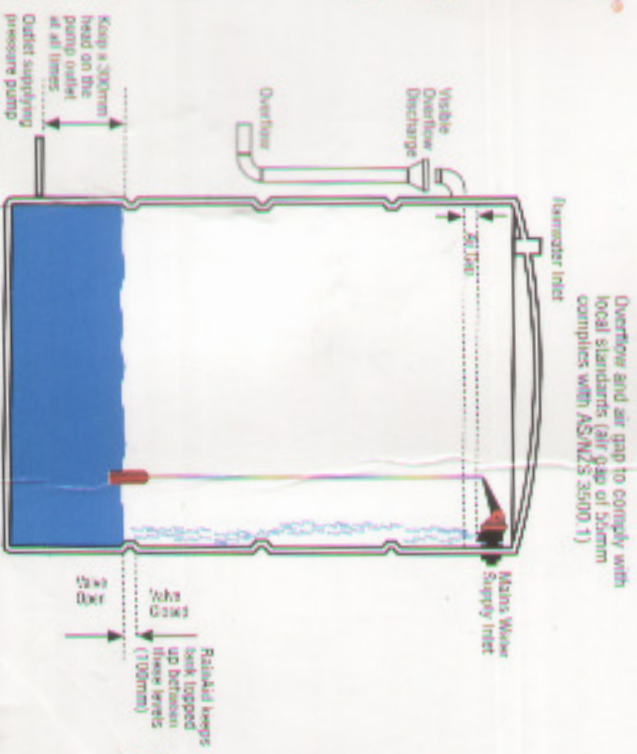
SEALVA
APEX

APEX VALVES

RainAid

The RainAid valve is designed to be connected to the mains water supply on a rainwater retention tank. It will provide a back-up supply of water in the event of demand exceeding rainfall, whilst ensuring maximum rainwater storage at the next rainfall. The rainwater retention tank is used to supply water to non-potable outlets such as toilets, laundry and garden.

See inside for Installation Instructions



MANUFACTURED BY:

APEX VALVES

New Zealand
 www.apexvalves.co.nz

DISTRIBUTED BY:

HydroFlow
 Distributors Ltd

PO Box 33 780
 Takapuna, Auckland
 New Zealand
 Ph 09 415 5585
 www.hydroflow.co.nz

Australia

GYCO

GYCO PTY LTD
 PO Box 618, Melrose Park
 South Australia 5039
 Ph 08 8374 3999
 www.gyco.com.au

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RainAid

Servicing instructions

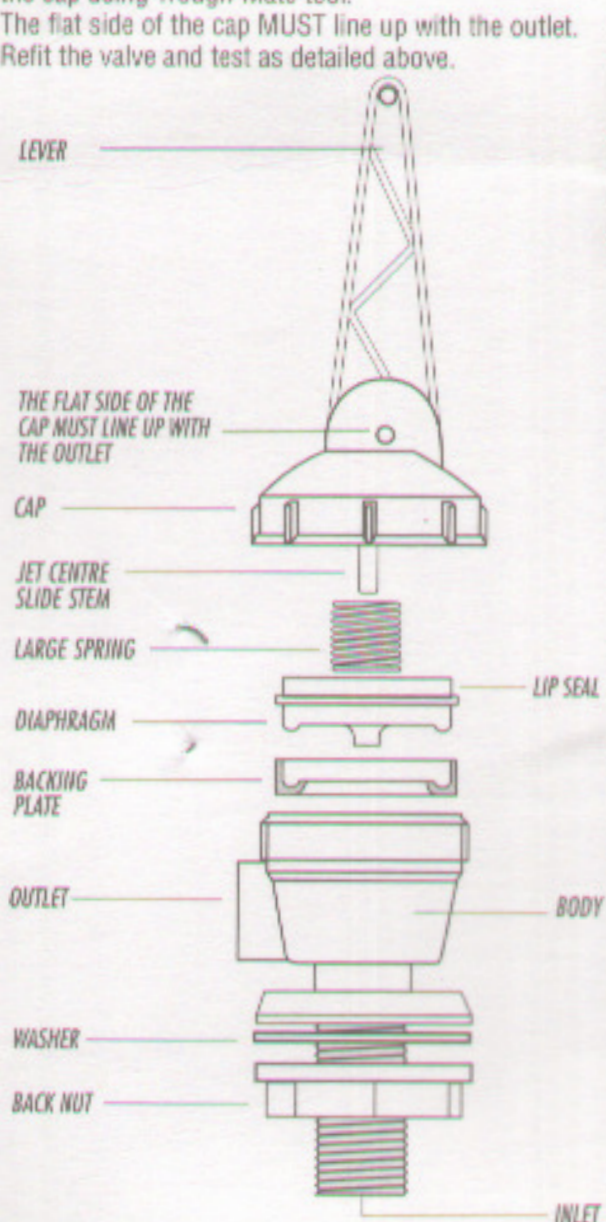
Every 6 months check that the valve functions correctly. Gently push the lever down and the valve will open. Release the lever. When the weight is submerged, (allow 5 minutes) the valve should close. If the valve fails to shut off completely, it may be necessary to clean, service or replace it.

Cleaning procedure

1. Remove the entire valve from the tank
2. Unscrew using Trough-mate tool (14-TM)
3. Remove the diaphragm, backing plate and large spring.
4. Thoroughly clean and check all components for wear and cracks.
5. If any damaged part is found, obtain a repair kit or replace the valve.

Reassembly Procedure

1. Place the diaphragm into the backing plate.
2. Place this assembly into the body.
3. Check to ensure that the lip seal on the diaphragm is perfectly round.
4. Lubricate the jet centre slide stem and diaphragm lip seal using silicone grease.
5. Push the large spring into the cap with an anti-clockwise twisting motion to retain it in the groove.
6. Screw the cap assembly back into place and retighten the cap using Trough-Mate tool.
7. The flat side of the cap MUST line up with the outlet.
8. Refit the valve and test as detailed above.



Operating principle

Under normal conditions, rainwater will fill the tank. If the rainwater level drops below a pre-set level (L), the RainAid valve will open to maintain the water level using the mains water supply.

The RainAid valve MUST NOT be fitted to tanks used for stormwater detention. (Detention is the slow release of water run-off to the stormwater drain during and after rainfall events)

The minimum water level (L) is easily set at any height during installation by adjusting the cord length.

NB: it is important to keep a 300mm head of water on the pump at all times.

Valve installation must be in accordance with local bylaws and council regulations.

Installation instructions

IMPORTANT

- Overflow discharge must be visible
- Pump must have 'dry-run' protection
- Failure to affix label, supplied with valve, near the visible overflow discharge will void Warranty
- Water loss is not covered by the manufacturers warranty.
- Cord must hang freely.

1. Install the valve horizontally. Do not install on an angle.
2. DO NOT restrict flow.
3. Inlet pipe must be clean.
4. Ensure the washer is fitted on the inside of the tank
5. Use thread tape and do not over-tighten.
6. Measure the required cord length 'L' as shown on the illustration.
7. Trim the cord length.
8. Thread the cord through the hole at the end of the lever. Tie a knot in the end of the cord to secure it.
9. Ensure the weight is secure at the other end of the cord.
10. Place the weight in the tank. (It will sink if the tank is full of water).

