

APEX
VALVES

RainAid^{2L}

2 LITRES PER MINUTE

For Rainwater Collection

The RainAid[®] valve automatically switches water supply from rainwater to mains water in the event of rainwater demand exceeding rain supply. The flow rate is automatically limited to 2 litres per minute as required by authorities such as Sydney Water.

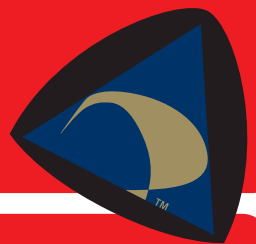


NEW

W
WaterMark
AS 1910
Lic 20368
SAI Global



- Simple to install. No electrical supply required
- Standard's approved for mains water connection
- Rainwater fills tank at the next rainfall
- Patented self cleaning mechanism to minimise blockage



APEX
VALVES

CONNECTING SERVICE WITH QUALITY



RainAid2L[®]

2 LITRES PER MINUTE

APPLICATION

Low flow backup water supply control valve. The RA2L valve is designed to be connected to a mains water supply on a rainwater collection tank. It will provide a backup supply of water in the event of demand exceeding rain supply. The flow rate of the RA2L is internally restricted to 2 l/min as required by Sydney Water.

OPERATING PRINCIPLE

Under normal conditions, rainwater will fill the tank. If the rainwater level drops below a pre-set level, the RA2L valve will open to maintain the water level using the mains water supply. The Rainwater tank is used to supply water to non potable outlets such as toilets, laundry and garden. There is a 100mm differential between open and closed positions of the RA2L valve.

SPECIFICATIONS

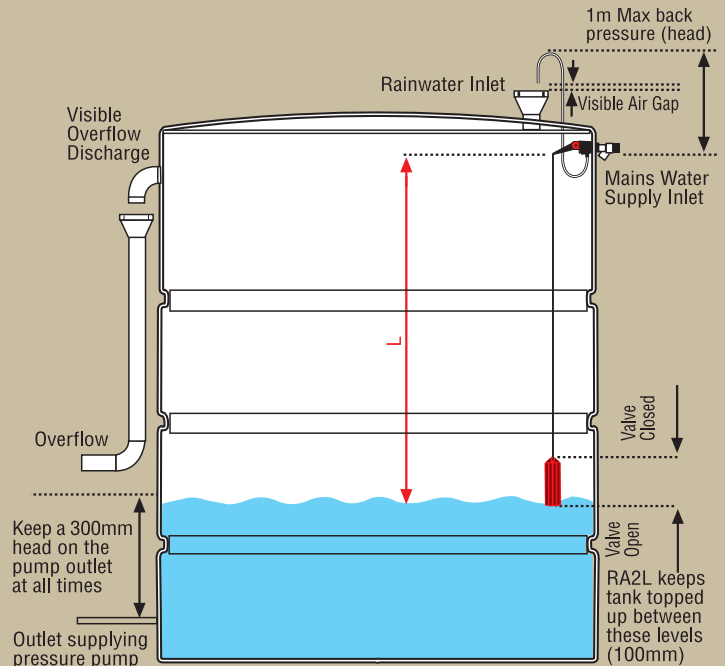
- Inlet 1/2" BSP (male)
- Outlet 1/4" BSP (male)
- Maximum inlet pressure 1000 kPa
- Minimum inlet pressure 100 kPa
- Flow rate internally restricted to 2 l/min
- Maximum water temperature 60°C
- Supplied with Watermarked brass Y strainer

INSTALLATION

- Valve to be installed horizontally
- Do not install on an angle
- Valve must be installed with the brass Y strainer supplied
- Do not restrict inlet water flow
- Not to be modified
- Not to be used in dual purpose tanks used for stormwater detention
- Overflow and air gap to comply with local standards (air gap of 3 x inlet pipe diameter complies with AS/NZS 3500.1)
- The minimum water level is easily set on installation by adjusting the cord length.
- Some Australian states stipulate a minimum water level that must be maintained for fire fighting purposes
- Some Australian states stipulate a visible air gap. A pipe can be plumbed from the 1/4" BSP outlet to create a visible air gap. No more that 1 metre back pressure shall be applied to the valve from this pipe.

SERVICING & WARRANTY

- The Y strainer should be cleaned periodically
- Servicing details are provided on the packaging
- Warranty is limited to any fault found in a valve due to poor workmanship or materials that is returned to Apex Valves Ltd. within 2 years from the date of manufacture.



STANDARDS

- Certified to Watermark standard AS1910:2004 Lic WMKA 20368
- Patent Number 580965

MANUFACTURED BY:



Rosebank, Auckland
New Zealand
www.apexvalves.co.nz

DISTRIBUTED BY: New Zealand

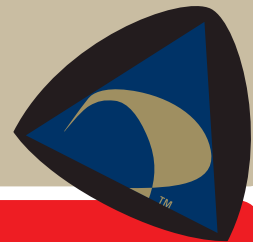


PO Box 33 780
Takapuna, Auckland
New Zealand
Ph 09 415 6151
www.hydroflow.co.nz

Australia



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



CONNECTING SERVICE WITH QUALITY