APEX VALVES

RainAid®

APPLICATION: RAIN WATER COLLECTION TANK

Backup water supply control valve. The RainAid® 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 fall.

WaterMark
AS 1910
Lic 20368
SAI Global

RA 20

OPERATING PRINCIPLE

Under normal conditions, rainwater will fill the tank. If the rainwater level drops below a pre-set level, the RainAid 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 the toilets, laundry and garden. There is a 100mm differential between the open and closed positions of the RainAid® Valve.

SPECIFICATIONS

Inlet 20mm 3/4" BSP (male).

Cold mains pressure water connection.

Working Pressure: 55-1000 kPa (8-150 psi).

Maximum water temperature 60ºC.

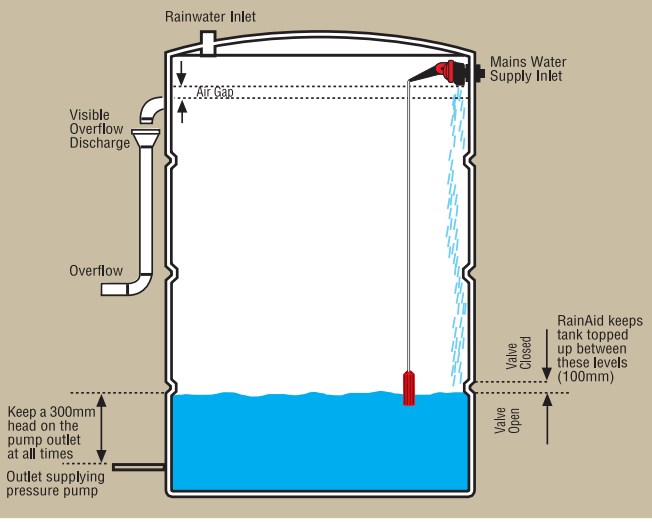
Supplied with inlet strainer.

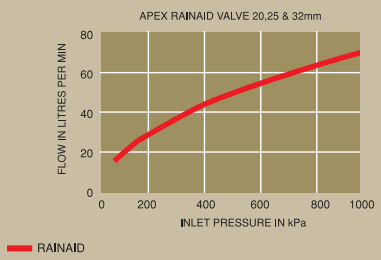
INSTALLATION

- Overflow discharge must be visible
- Valve must be installed horizontally
- Do not install on an angle
- Do not restrict inlet water flow
- Not to be modified
- Not to be used in dual purpose tanks used for stormwater detention.
- N.B Some Australian states stipulate a minimum water level that must be maintained for fire fighting purposes.
- **Overflow and air gap to comply with local standards (air gap of 55mm complies with AS/NZS 3500.1)**

STANDARDS

- Watermark approved
- New Zealand patent No. 535912
- Australian Class No. 736446
- Australian Class II Patent No. 1025211
- RSA Patent No. 98/8777





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