

For Agricultural and Industrial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

APEX™ RA Series

RainAid® Rainwater Retention Tank Valve

Sizes: ¾" (20mm)

RainAid valve is designed to be connected to a municipal water supply on a rainwater retention tank. It will provide a backup supply of water in the event of demand exceeding rain supply.

Features

- The RainAid valve is fully adjustable allowing application in a wide range of reservoirs and tanks
- Under normal conditions, rain water 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 main's water
- The RainAid valve when set correctly prevents backflow

Models

RA34 US ¾" (20mm)

Patents

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

Specifications

	RA34
Inlet	¾" NPT (male)
Outlet	N/A
Max inlet pressure	175 psi (1200 kPa)
Min inlet pressure	8 psi (55 kPa)
Flow rate	See chart below
Strainer	Integral Filter

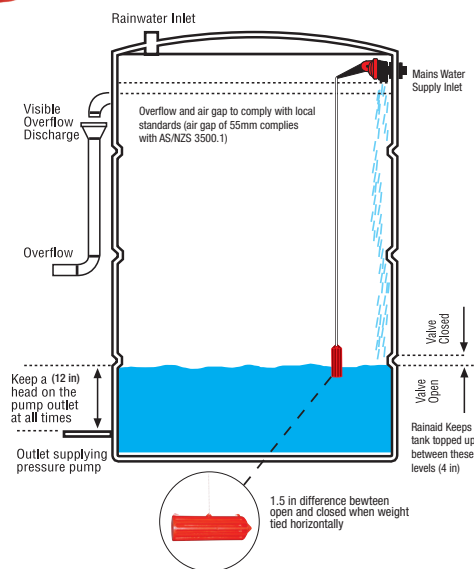
Cold mains pressure water connection.

Working Pressure: 8–175 psi (55–1200 kPa).

Maximum water temperature: 140°F (60°C)

Minimum water temperature: 34°F (1°C)

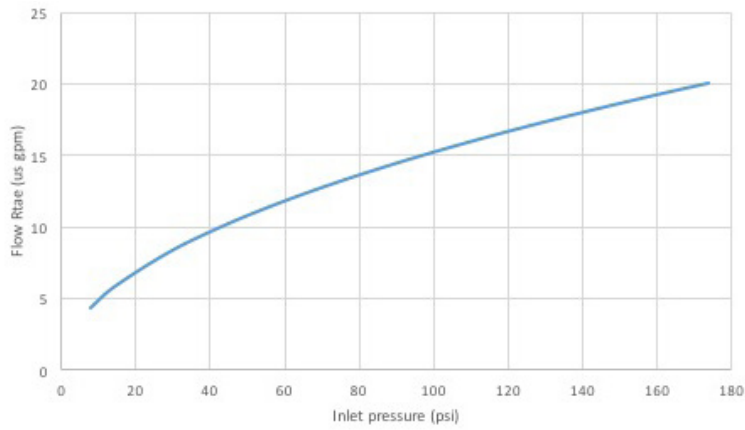
- Supplied with inlet strainer.



NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

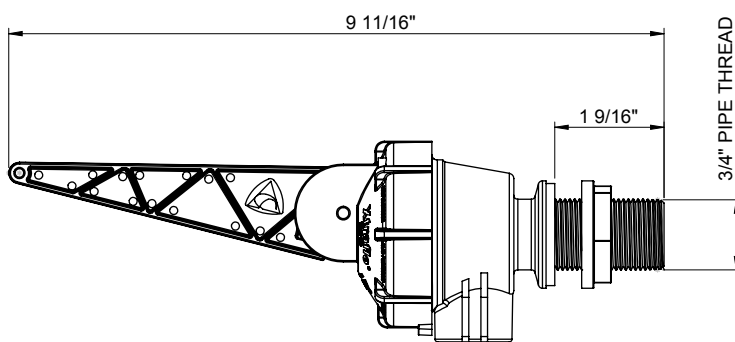
RainAid Flow Chart



Materials

Body: Acetyl
Arm: Acetyl
Spring: 304 S/S
Seals & O-Rings: Nitrile
Diaphragm: Nitrile

Dimensions – Weights



USA: T: (978) 689-6066 • F: (978) 975-8350 • Watts.com
Canada: T: (905) 332-4090 • F: (905) 332-7068 • Watts.ca
Latin America: T: (52) 81-1001-8600 • Watts.com