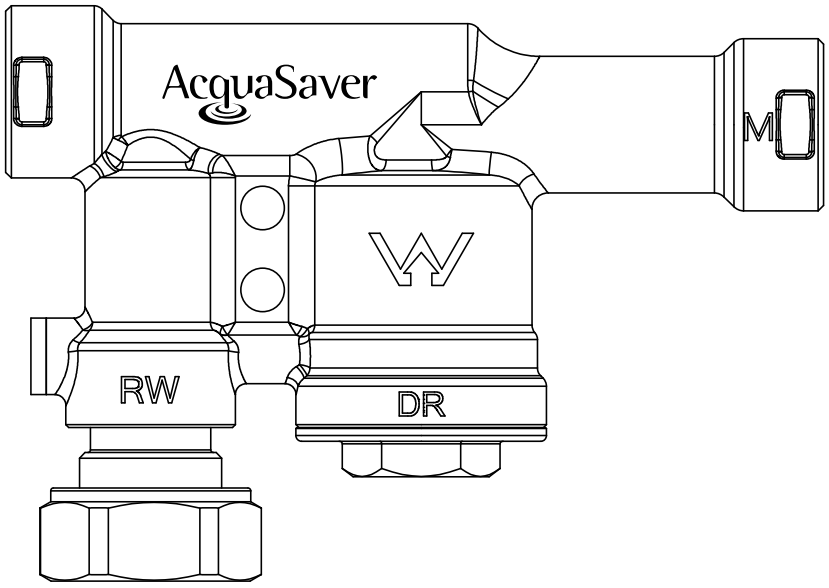
AcquaSaver®



WaterMark
WMTS477
LN60075

www.acquasaver.com.au

AcquaSaver®

Installation and Operating Instructions

Introduction

The AcquaSaver® Valve is a fully automatic mechanical rainwater/mains water changeover device designed for pressure pump supply systems for harvesting rainwater for the toilet, laundry and household applications with automatic mains backup.

It is suitable for up to 2 toilets and washing machine and an extra tap outlet

Operation

The AcquaSaver® Valve will always prioritize the use of rainwater over mains water when rainwater is available and will automatically switch over to mains water in the event of the rainwater tank running low or electrical failure.

When rainwater has been replenished or power has been restored to the pump, the AcquaSaver valve will automatically prioritize back to rainwater.

The pump is only active when rainwater is being drawn from the water tank, it does not operate when the AcquaSaver Valve has switched to mains position.

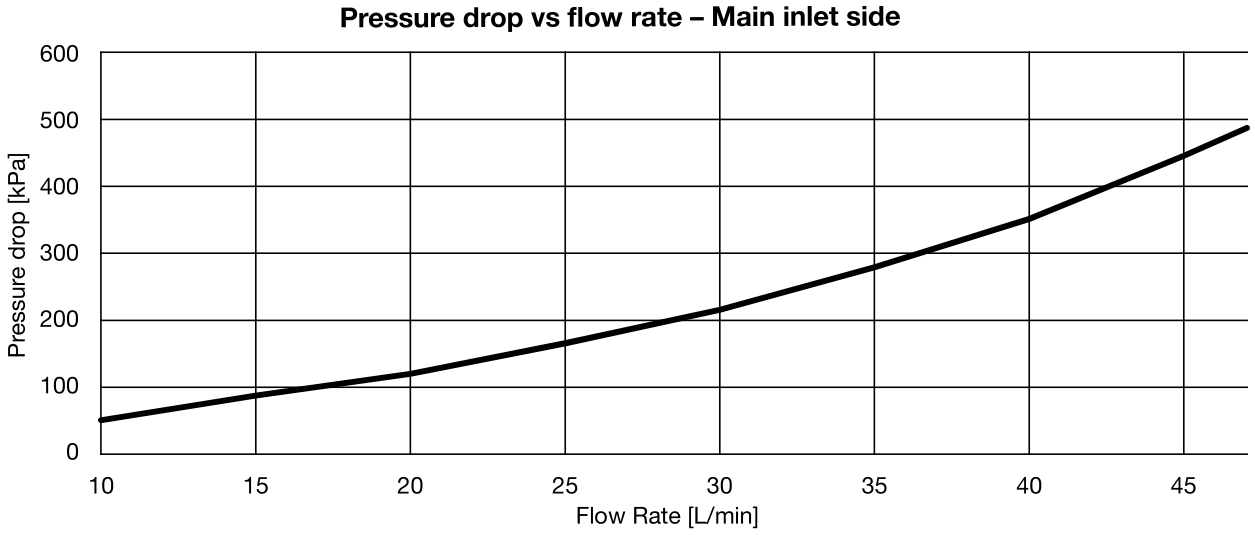
The pump controller starts and stops the pump when it detects a demand - for example flushing a toilet or using a washing machine.

The operating mechanism of the AcquaSaver Valve is a unique patent design, it works by hydraulic water pressure created by the pump to close one inlet fully before opening the other inlet. This ensures an extremely reliable mechanism using few moving parts and no electronic components and no energy consumption.

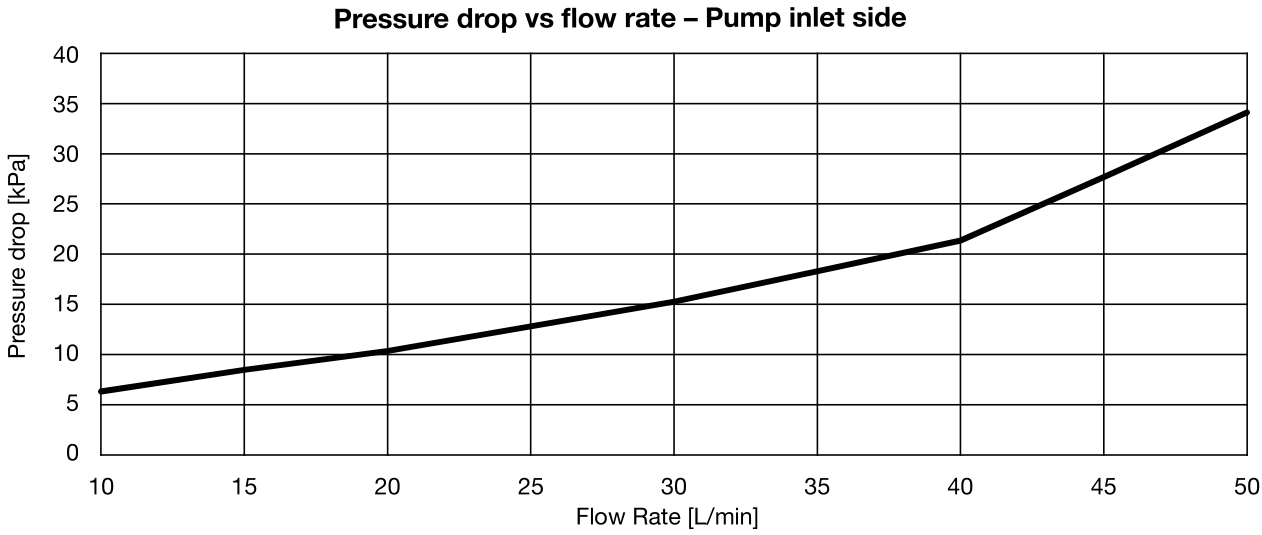
Features

- Easy to install
- Patent design
- Solid Brass mounting bracket (optional)
- Watermark approved to WMTS477/LN60075
- Does not require regular maintenance
- No electrical consumption - No electronic components
- Solid brass construction - Fully weatherproof - Built to last
- Suitable for any pressure pump with sufficient head pressure
- Can be mounted in any position
- Built-in dual check valve for backflow prevention
- 2 Year warranty

Flow Rates



Pressure drop verssus flow rate between the mains water inlet side and the outlet of the device



Pressure drop verssus flow rate between the rainwater inlet side and the outlet of the device