

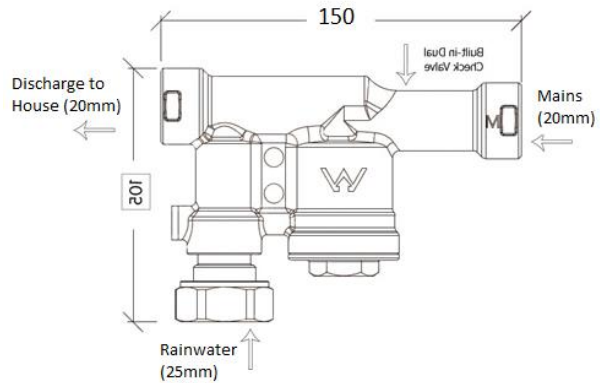
## RM20:- AQUASAVER RAIN TO MAINS CHANGEOVER VALVE 20mm

Automatic Hydraulic device to change-over from pumped water to town supply water in case of pump tripping due to Run-Dry or other Pump fault OR Mains power failure.

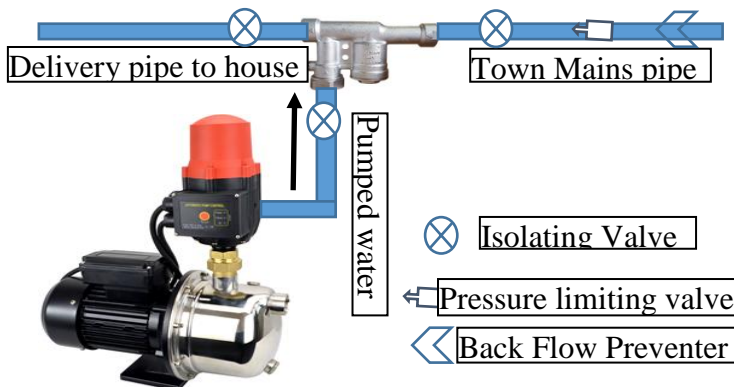
### APPLICATION

System designed to normally supply pumped water and automatically changeover to Town mains potable water supply, in case of pump tripping due to Run-Dry or other Pump fault OR failure of 230V mains power to pump.

Items supplied with RM20 Aquasaver Valve package

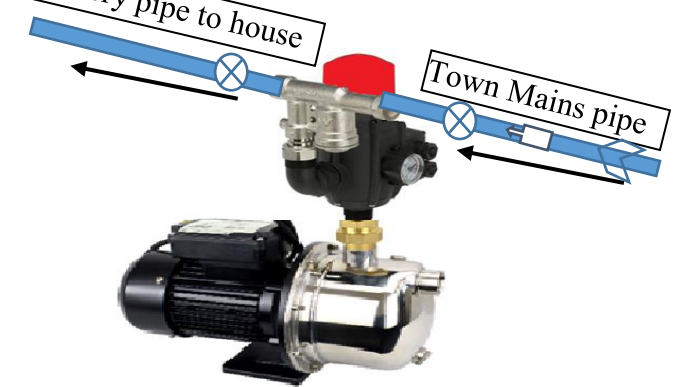


#### Preferred Installation Type 1



**RM20 Aquasaver** Valve installed away from pump Press- Control. Pumped water supply pipe, Town Mains and Delivery pipe to house to be connected to Aquasaver valve as shown. Please ensure proper supports and flexible connections are used to avoid vibration / stress from pipe passed on to Press-Control. Any damage to Pump/Press-Control due to noncompliance of above is not covered under warranty

#### Optional Installation Type 2



**RM20 Aquasaver** Valve installed directly on Press-Control with Elbow. Please ensure that Town Mains and Delivery pipes are independently supported w/o any stress on Press-control device. Use flexible connections to avoid vibration / stress from pipe passed on to Press-Control. Any damage to Pump/Press-Control due to noncompliance of above is not covered under warranty

**ITEMS IN RED CIRCLE ARE INCLUDED IN "RM20" AQUASAVER RAIN TO MAINS CHANGEOVER VALVE 20mm PACKAGE**

**NOTE: - PUMP AND PRESSCONTROL ARE NOT INCLUDED IN ABOVE "RM20" AQUASAVER VALVE PACKAGE**

## RM20:- AQUASAVER RAIN TO MAINS CHANGEOVER VALVE 20mm Continued...

### APPLICATIONS

- Designed for rain to mains changeover system mainly in Domestic/Residential applications.
- Suitable for up to maximum **2 toilets, washing machine & 1 outside tap**.
- System **can be retrofitted** to existing “WALLACE” ground mounted (HJ / MPEP) series pumps, which are operated with **Press-Control device**.

### FEATURES AND BENEFITS

- Simple and Easy to install device.
- No regular maintenance required.
- No electrical components or power consumption when only Aquasaver valve system is used.
- Durable Nickel Plated solid Brass construction, built to last.
- Suitable for use with “WALLACE” (HJ & MPEP) series pumps, operated by **Press-Control device**.
- Can be mounted in any orientation/position.
- Built-In dual check valve act as back flow prevention. However any other **Back-Flow Prevention** device required as per local authorities **must be installed**. Please check with your local authorities for details.
- 2 Year Warranty subject to correct installation, operation & maintenance as per instructions.

### SPECIFICATIONS

Part no / Model	MAXIMUM ALLOWED			Minimum Pump SOH required	Inlet port to connect pump delivery	Inlet port to connect town supply pipe	Outlet port to connect to house supply	Weight	Overall size L X W X H mm
	Mains Pressure	Pump Pressure	Flow Rate possible						
RM20	500 kPa	600 kPa	50 L/min	300 kPa	25mm / 1"	20mm / ¾"	20mm / ¾"	0.85 KG	170X90X45

### SOME IMPORTANT INSTALLATION & OPERATING DETAILS

(Refer detailed installation & operating instructions provided with unit)

- Preferably install RM20 Aquasaver valve away from pump press control as shown above in “**Preferred Installation Type 1**”. If this is not possible then install on Press control with elbow as shown in “**Optional Installation Type 2**”.
- Use suitable thread sealing tape/cord to ensure leak-proof joints.
- Use independent pipe supports & flexible connections to avoid vibration / stress from pipe being passed on to Pump Press-Control. Any damage to Press-Control is not covered under warranty.
- Connect Town Mains water Supply pipe, Pumped water supply pipe and House delivery pipe to correct ports as shown above. Suitable isolating valve, Pressure Limiting valve (where required) & any back flow prevention (required as per local authority) must be installed.
- If pump Press-Control stops pump on “**Run-Dry**” or any other pump “**Fault**” mode, then pump need to be **Manually Re-Start** after rectifying faults, like “**Re-Priming**”, “**Re-filling tank**” etc.
- To avoid manually “**Re-Priming pump & suction pipe**” every time pump stops on **Run-Dry mode**, following options are available. **Check with Wallace for details of these options**.

**Install float switch in water tank to activate Level Signals which then are used as below.**

**Option 1):** - Level signal from float is given to “**Water Monitor**” panel (low safe 12 VDC system) which will automatically Start/Stop power to pump based on high/low level signals from float.

**Option 2):** - Level signal from float is given to “**Clipsal 451SUA adaptor**” (230 VAC system) which will automatically Start/Stop power to pump based on high/low level signals from float.