

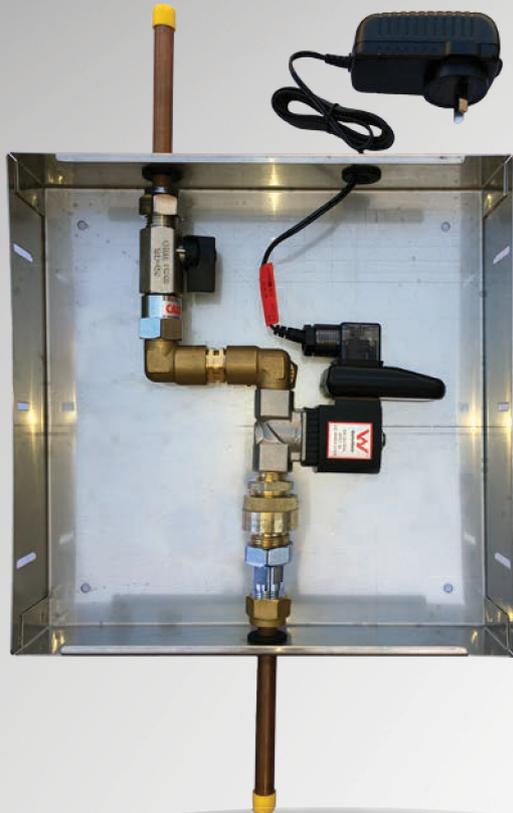


AUTOMATIC TRAP PRIMER

15MM

All Valve

INDUSTRIES



MAINTAINS A CONSTANT WATER SEAL IN TRAPS

FEATURES

- Reliable solenoid valve and digital timer for long service life.
- Available as an individual unit supplied in components or plumbed complete in stainless lockable enclosure
- Supplied with a 240VAC to 12VDC plug in power supply adaptor.
- Soft close solenoid valve helps reduce water hammer.
- Supplied with vacuum breaker
- Able to prime single or multiple traps *

PRODUCT DETAILS

The TrapMatic Automatic trap priming valve is designed to maintain a constant water seal in floor drain traps where they are infrequently used.

Applications include commercial buildings such as schools, hospitals, manufacturing facilities, and any other buildings that require floor drain trap seal protection.

Evaporation of water in drains is accelerated in areas where high ambient temperatures quickly dry out traps, such as in boiler rooms, causing sewer gases to escape.

Components

The solenoid valve is a general purpose Watermark approved valve with encapsulated coil and LED connector plug. It features a soft close function to reduce water hammer and is suitable for hot or cold water.

The valve is operated by a digital timer which is able to adjust the frequency and volume of water delivered. A 240V to 12VDC plug in power source is also provided with the unit.

A vacuum breaker approved to AS2845.1 is provided with the assembly to eliminate the risk of back siphonage from the trap. Note that a separate air gap may still be required under AS3500.2.

An optional stainless steel recessed lockable enclosure is available if required.

Installation Notes

The trap primer must be installed in accordance with AS3500.2 and the notes in the installation manual.

An air gap may be required to be plumbed by the installer, as required under AS3500.2

If supplied as an individual unit, then the installer is to assemble components and provide a mini stop valve to control the flow.

The trap primer should be located in the same room or compartment as the floor waste gully.

The unit is able to prime 1 - 10 traps*

* Note that if multiple traps are plumbed from one assembly, then each individual line should be flow controlled to ensure equal distribution of water to each trap. The maximum distance of the charge pipe should be 10m to any trap.

PERFORMANCE

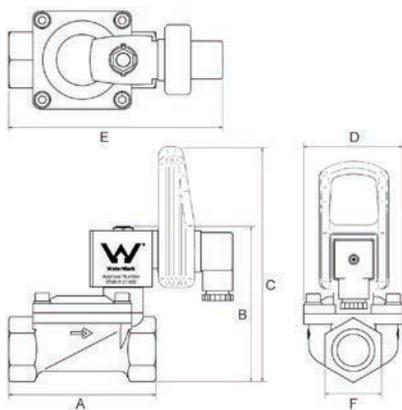
TIMER

INTERVAL TIME T2(1)	0.1 seconds – 99 hours
DISCHARGE TIME T1(1)	0.1 seconds – 99 hours
MANUAL TEST SWITCH	Yes, microswitch membrane
PROTECTION	IP 65
CASE MATERIAL	ABS Plastic FR Grade
CONNECTION	ISO 4400/6952
INDICATORS	1 LED (yellow) 'ON' 1 LED (yellow) 'OFF'

VALVE

MATERIAL	304SS body, EPDM seals
APPROVAL	WMKA 21409
SIZE	15mm BSP
MIN / MAX PRESSURE RANGE	50kPa - 1,000kPa
RECOMMENDED PRESSURE	100kPa - 500kPa
FLUID TEMPERATURE	-10°C to +80°C
AMBIENT TEMPERATURE	-10°C to +45°C
PROTECTION	IP 65
POWER CONSUMPTION INCLUDING TIMER	2.5 Amp
VOLTAGE	12VDC solenoid coil 240VAC plug in transformer. <i>Other voltages available upon request.</i>

DIAGRAM



CODE	APT15B
A	52
A*	150
B	85
C	130
D	43
E	97
F	26
WEIGHT	0.56 kg

A* length of trap primer with hose vacuum breaker and fittings

SIZE OF STAINLESS STEEL ENCLOSURE IS 300 X 300 X 70MM

CODE	DESCRIPTION
SSATPV15	Trap Priming Valve in SS enclosure
ATPV15	Trap Priming Valve 15mm with power adaptor



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