

# Automatic Discharge Valve

## Product Code ADV-100

### (240v AC mains operated)

# INSTALLATION INSTRUCTIONS

please read carefully

**DESCRIPTION** The ADV-100 doses a preset volume of water at fixed intervals, for replenishing seals in traps, gulleys and drains and also for refreshing 'deadlegs' in buildings to stop stagnation.

**SPECIFICATION** Dosing volume adjustable from 50ml to 2000ml (approx.) at normal mains pressure. Dosing interval, programmable by dipswitch from 3 hrs to over 7 days in 3 hour increments. Therefore weekly dose can be preset from 50ml to 28 litres!

**For alternative specifications, please contact sales office.**

**PLUMBING** Fit the ADV-100 into supply pipe using compression fittings. Ensure water supply is connected to valve inlet (marked IN on underside). Valve may be rotated through 180 degrees if required. Fit isolating valve (supplied) on inlet side of ADV-100, leave in fully open position. Fix unit to wall using screws and plugs provided, fit plastic screw caps.

**ELECTRICAL** Fit cable gland (supplied) into ADV-100 enclosure. Connect E,N & L terminals of ADV-100 using 0.75mm or 1mm 3 core cable to a convenient 240v supply, with a 3A fuse (in a spur box) or a 5A fuse (in a consumer unit), **SCREWLESS TERMINALS: strip back cable insulation 10mm, depress lever, insert conductor fully, release lever!** The ADV 100 **MUST** be earthed. Internal fuse is 250mA 20 x 5mm quick-blow glass. **Observe current and local wiring regulations!**

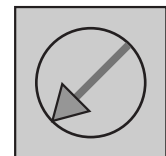
**MANUAL OVERRIDE** With all dipswitches OFF (down) press and release the blue 'DOSE' button to open and close the valve independent of any timing. The LED is ON to indicate the valve is open. This mode is useful for commissioning or when a large volume of water is needed ie for initial filling of traps and gulleys. Select a timing interval to return to automatic timed operation.

### SETTING TIMED DOSING VOLUME

Press blue 'DOSE' button to give one timed dose. Adjust the blue control marked 'DOSING VOLUME' until the required volume of water is passed. The valve opening time is from 1 sec to 40 secs approx. The LED flashes once per second to indicate a timed dose in progress.

**TIP Use measuring jug to assist in calculating daily/weekly volumes.**

**DOSING  
VOLUME**



MIN MAX

### SETTING DOSING INTERVAL

Select one or more switches to give the required dosing interval. Set switches to ON position (up) to select.

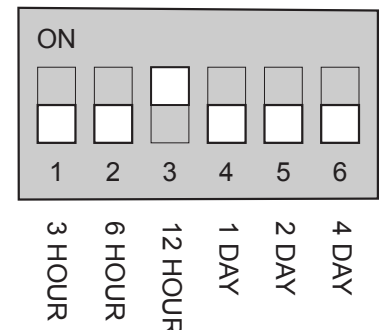
**Times are additive**, for example:

For 7 DAY interval - select 1, 2 and 4 DAY switches.

For 36 HOUR interval - select 12 HOUR and 1 DAY.

The default (factory) setting is for an interval of 12 HOURS as shown. The LED blinks once per second to indicate timing in progress.

**DOSING  
INTERVAL**



Earl Road Rackheath Industrial Estate  
Norwich NR13 6NT

### FOR TECHNICAL SUPPORT

Tel 01603 720999 Fax 01603 721499  
email [technical@watersavers.co.uk](mailto:technical@watersavers.co.uk)  
website [www.watersavers.co.uk](http://www.watersavers.co.uk)