

## CONTROL ... CONSERVATION THROUGH CONTROL ... CONSERVATION

### TDV-100 Timed Discharge Valve - technical information sheet

Developed in collaboration with public health engineers, the TDV-100 has been designed to refresh 'deadlegs' in unoccupied parts of buildings to minimise stagnation of drinking water and the associated public health risks. The TDV-100 also replenishes water seals in traps, gulleys and drains, compensating for loss of water due to evaporation etc.

#### Features:

- Adjustable valve opening (dosing) time
- Adjustable interval between doses
- Timing from 0.1 sec to 100 hours
- 240v AC supply - other options available
- Supplied with prewired valve and power cable
- Compact box for wall / void mounting



#### What does it do?

The Timed Discharge Valve type TDV-100 has been specially designed to dose a preset volume of water at regular timed intervals.

Typical applications include replenishing water seals in traps, gulleys and drains to compensate for water loss due to evaporation. Also suitable for refreshing 'dead legs' in unoccupied parts of buildings to prevent stagnation of potable water supplies.

The control is simple to install with clearly marked controls to set the necessary parameters.

#### Technical Specification:

**Dosing volume / frequency:** as both the valve opening time and the interval between doses is user adjustable from 0.1 seconds to 100 hours, it follows that almost any requirement can easily be fulfilled.

**Solenoid valve:** Brass Normally Closed (fail safe), ½" BSP female threads, 13.5mm orifice, pressure range 0.35 - 10 Bar. Please contact sales dept for alternative valve sizes

**Timing options:** The default sequence is: Dose - Interval - Dose - Interval - Dose. By breaking an internal link the sequence can be changed to: Interval - Dose - Interval - Dose - Interval

**Internal status LED:** shows open / closed status of valve and blinks to show timing

**Power supply:** 240v AC 50 Hz 10VA maximum, other AC & DC versions available

**Cables:** Power and valve cables are supplied to a nominal 2m length. Other lengths to order

**Enclosure:** size 148 x 88 x 41mm, (excluding glands) in white PVC

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