

# Kavair Ventomatic

## Automatic Drain Valve

G3/8

2/2



### Features

- ◆ Electronic timer for ultimate reliability
- ◆ Adjustable interval and discharge times
- ◆ Self-cleaning valve needs no maintenance
- ◆ LED indicators show operational status
- ◆ Impulse test button
- ◆ Supplied un-branded with full instructions - ideal for distributors
- ◆ Includes tamper proof kit

### Technical Specifications

|                          |                                    |
|--------------------------|------------------------------------|
| <b>Electronic Timer:</b> | Power 'ON' LED<br>Valve 'OPEN' LED |
| Interval time:           | 0.5 to 45 min                      |
| Discharge time:          | 0.5 to 10 sec                      |
| <b>Solenoid Valve:</b>   |                                    |
| Function:                | 2/2 NC                             |
| Port connections:        | G3/8                               |
| Main pressure range:     | 0 - 16 bar max                     |
| Filtration:              | Strainer recommended               |
| Temperature range:       |                                    |
| Ambient:                 | -10°C to +50°C                     |
| Media:                   | -10°C to +80°C                     |
| Lubrication:             | Not required                       |
| Media:                   | Air, gases, non corrosive liquids  |

### Timer and solenoid valve assembly

|                    |  |
|--------------------|--|
| Electrical data:   | AC 220V, 50Hz, 19W<br>AC 110V, 50Hz, 28W |
| Insulation:        | Class H 180°C                            |
| Protection:        | IP 6 5 (with connector)                  |
| Temperature range: | -10°C to +140°C                          |

### Ordering Information:

By part number

| Part number | Description                       |
|-------------|-----------------------------------|
| VMA220      | Auto drain valve assembly 220V AC |
| VMA110      | Auto drain valve assembly 110V AC |

### Description

Failure to carry out routine draining of compressed air systems can cause serious damage to 'downstream' components such as valves, cylinders and control systems.

The *Kavair Ventomatic* eliminates the risk of this potentially expensive problem by providing regular automatic condensate drainage.

A special electronic timer is coupled to a purpose built self cleaning solenoid valve.

The complete unit requires only a simple installation procedure.

Once fitted the unit can be set with a variety of interval and discharge times to suit the particular compressed air system requirements.

The unit is suitable for air, neutral gas and contaminated liquid discharge.

### Materials

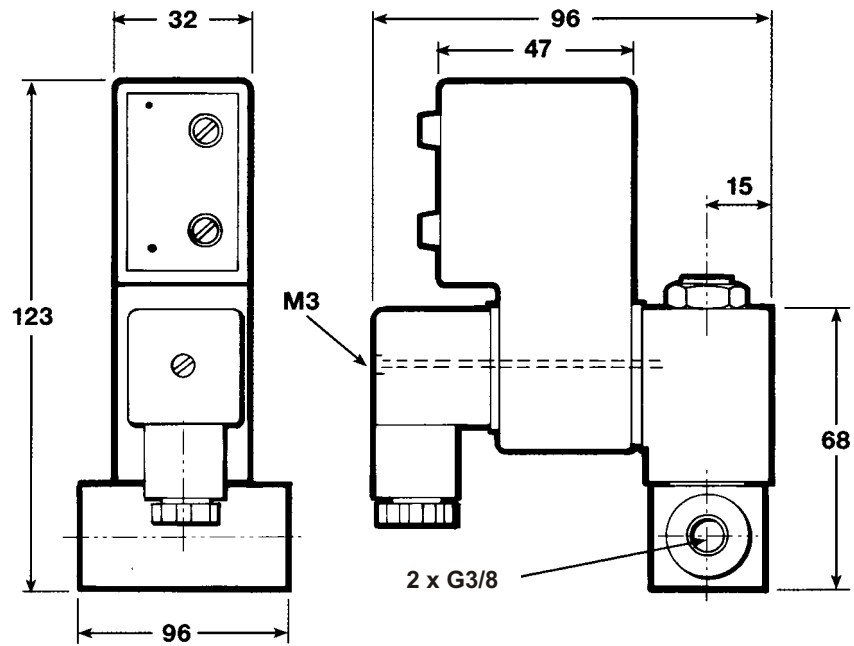
#### Solenoid valve

|                   |                 |
|-------------------|-----------------|
| Tube and plunger: | Stainless steel |
| Spring:           | Stainless steel |
| Body:             | Brass           |
| Seals:            | Buna            |

**Dimensions**  
units mm

**VMA220, VMA110 Series**

2/2 NC  
G3/8



**Installation**

If the system to be drained does not have a reservoir then a drip-leg should be fitted at the selected drain location point.

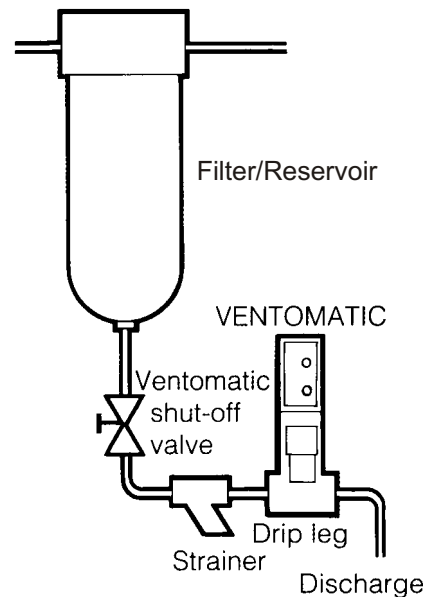
A simple shut-off valve must be fitted upstream of the Ventomatic as a means of isolating the system during any routine servicing.

Where a system is known to be contaminated by pipe-scale or any other heavy particles then it is recommended that a strainer should be installed between the shut-off valve and Ventomatic.

Contaminated discharge must be collected in an approved reservoir in accordance with environmental regulations.

The unit should be securely mounted on a suitable bracket and the solenoid valve body must be in the horizontal position.

Full installation instructions are provided with each product.



**Options**

| Part number | Description             |
|-------------|-------------------------|
| KVAB1 3/8   | G3/8 2/2 shut off valve |
| G#012210    | Strainer                |

