

VALUE THROUGH PERFORMANCE

DELTA

# MOTORIZED BALL VALVE

COMPRESSED AIR SYSTEM  
CONDENSATE DRAIN



MAXIMUM DEPENDABILITY  
WHERE YOU NEED IT MOST

## Deltech Motorized Ball Valve

The motorized ball valve (MBV) is a microprocessor-controlled drain valve designed to remove oil and water from compressed air. All compressed air systems produce internal condensate that, if not properly drained, can cause equipment damage, down-time and wasted man-hours. The MBV automatically discharges accumulated fluids from compressors, filters, dryers, driplegs, receivers, separators and other collection points.

The motorized ball valve is particularly suited to heavily contaminated compressed air applications that cause typical solenoid drain valves to clog and malfunction. Precision control of the flow rate by simple timer adjustments make this valve suitable for a broad range of applications.

### Completely automatic

- ⦿ No operator attention needed
- ⦿ Battery backup in the event of power failure
- ⦿ Anti-blockage feature with indicator
- ⦿ LEDs signal valve is rotating (open) and power on

### Operating economy

- ⦿ Precise timer adjustments to match contaminant load
- ⦿ Discharges accumulated fluids without clogging
- ⦿ Only 10 watts electric power

### Broad application range

- ⦿ Large 15mm drain orifice with high capacity discharge
- ⦿ Operating pressure up to 600 psig
- ⦿ Compatible with all major lubricants
- ⦿ Can be installed indoors or outdoors
- ⦿ Manual valve close feature included
- ⦿ Manual test button



### Specifications

#### Model

|                                   | MBV500                      | MBV1000  |
|-----------------------------------|-----------------------------|----------|
| Connections (NPT)                 | 1/2 - inch                  | 1 - inch |
| Voltage                           | 115/230 VAC, 50 - 60 Hz     |          |
| Amperage                          | 10W                         |          |
| Timer Interval (10 settings)      | 4 minutes to 24 hours       |          |
| Ball Valve Rotation (10 settings) | 7 seconds to 15 minutes     |          |
| Maximum Air Pressure              | 600 psig                    |          |
| Dimensions                        | 130mm x 70mm x 160mm        |          |
| Weight                            | 2-1/2 lbs.                  |          |
| Operating temperature             |                             |          |
| Fluid                             | 35°F minimum; 140°F maximum |          |
| Ambient                           | 35°F minimum; 140°F maximum |          |



**DELTECH**

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