

# OPTIMUM

## Electronic timer drain

### PRODUCT FEATURES

The OPTIMUM timer controlled condensate drain is a combination of a solenoid valve and an electronic timer designed to automatically remove condensate from compressors, compressed air dryers and receivers - up to any size, type or capacity.

The OPTIMUM offers installation simplicity and it is recognised as the most reliable and best performing condensate drain worldwide. The large orifice in the direct acting valve, combined with its sophisticated timer module ensure many years of trouble-free draining of condensate providing minimum service work is carried out.



### COMMERCIAL BENEFITS

- Any type of compressed air system and up to any compressor capacity
- Also available in stainless steel and high pressure
- Voltage range 12 – 380VAC/DC
- Environmental low Watt version available
- Serviceable valve construction, offering you routine maintenance revenues
- Consult JORC for private labelling options

### TECHNICAL ADVANTAGES

- Large (4.5 mm) valve orifice
- Does not air-lock during operation
- Quick to service
- TEST (micro-switch) feature
- Accurate time cycles
- High quality PCB components, offering you consistent quality

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### DIMENSIONS



Also available in a version that requires less than 1 Watt to operate!



Highest quality PCB

### TECHNICAL SPECIFICATIONS

|                             |                                                                      |
|-----------------------------|----------------------------------------------------------------------|
| MAXIMUM COMPRESSOR CAPACITY | Any size                                                             |
| PRESSURE RANGE              | 0 - 230 psi bar <i>higher pressure available, see OPTIMUM-HP-(S)</i> |
| SUPPLY VOLTAGE OPTIONS      | 12 - 380 VAC/DC 50/60Hz. <i>please indicate</i>                      |
| MEDIUM TEMPERATURE          | 34 - 131 °F (1 - 55 °C)                                              |
| AMBIENT TEMPERATURE         | 34 - 131 °F (1 - 55 °C)                                              |
| TIMER CYCLE RANGE (ON/OFF)  | 0.5 - 10 seconds / 0.5 - 45 minutes                                  |
| TIMER PCB                   | SMD technology, ensuring consistency in production                   |
| TIMER CYCLE INDICATION      | Bright LED illumination                                              |
| TEST FEATURE                | Yes                                                                  |
| VALVE TYPE                  | 2/2 way, direct acting                                               |
| VALVE ORIFICE               | 4.5 mm                                                               |
| VALVE SEALS                 | FPM                                                                  |
| INLET/OUTLET CONNECTIONS    | 1/8", 1/4", 3/8", 1/2" (NPT or BSP)                                  |
| INLET CONNECTION HEIGHT     | 0,4" (1 cm)                                                          |
| SERVICEABLE VALVE           | Yes                                                                  |
| VALVE HOUSING MATERIAL      | Brass (Stainless steel available)                                    |
| POWER CONNECTION            | DIN 43650-A                                                          |
| ENVIRONMENTAL PROTECTION    | NEMA4 (IP65)                                                         |



Accessories include ball valve strainers

### JORC is NEN - EN - ISO 9001:2015 certified

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