



**Brass or stainless  
steel version**

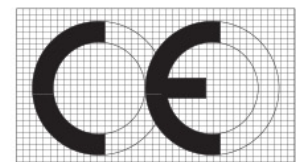
**Up to 400 bar**

The OPTIMUM-**HP** is the high pressure option of the OPTIMUM timer controlled condensate drain. The **HP** is offered with the widest range of technical options for compressed air systems up to 400 bar.

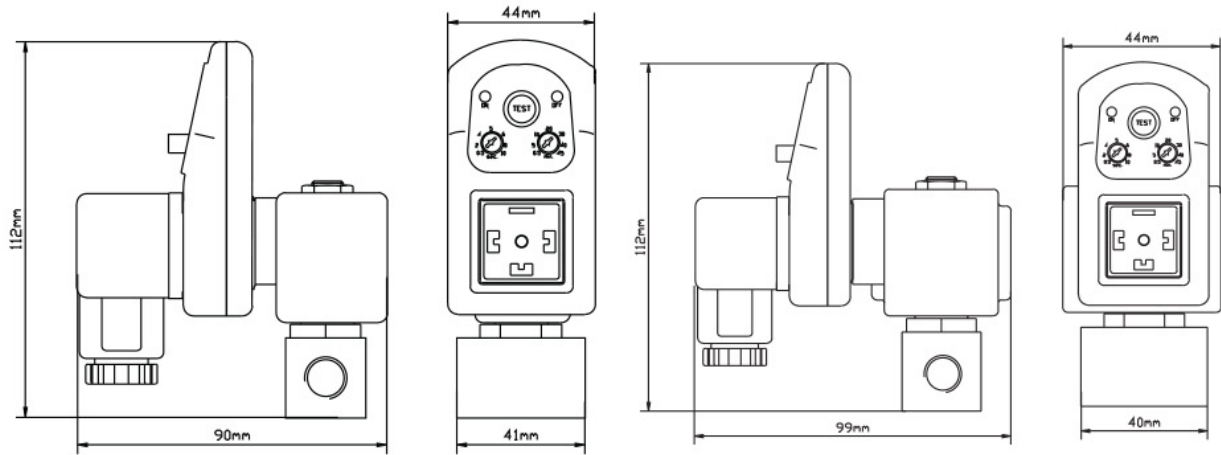
The valve body is typically produced in brass up to 80 bar. All pressures above 80 bar are typically produced in stainless steel.

## Features

- Pressure range 16 – 400 bar
- Simple installation procedure
- Valve orifice size according to pressure rating requirements
- FPM (viton) valve seals
- Any voltage possible
- Valve connection options 1/8" or 1/4" BSP or NPT
- Surface Mounted Technology printed circuit board in timer
- Private labeling possible, consult factory.
- Also available with power cable



**Dimensions in mm**



**Dimensions up to 40 bar**

**Dimensions up to 400 bar**

**Timer specification**

Interval time	0.5 - 45 minutes, adjustable
Discharge time	0.5 - 10 seconds, adjustable
Manual TEST switch	Yes, micro switch
Supply voltage options	12 to 380 VAC/DC, +/- 10%, 50/60 Hz
Current consumption	7mA maximum
Operating temperature	-40°C to +60°C (-40°F to 140°F)
Environmental protection	IP 65, NEMA 4 when installed
Housing material	ABS plastic FR grade UL94Vo
Connection	DIN 43650A ISO 440/6952
Indicators	1 LED (yellow) indicating ON 1 LED (yellow) indicating OFF Bright lights for clearer indication of operating status.

**Valve specification**

Type	2/2 way direct acting
In/out ports	1/4" BSP or NPT female
Min./Max. working pressure	0 - 400 bar g.
Min./Max. temperature	2°C - 55°C ambient (35°F - 131°F)
Valve seal	Viton (FPM)
Media temperature	Max. 90°C (194°F)
Valve body	Forged brass or st/st depending on pressure rating requirements
Orifice	Depending on pressure rating requirements
Insulation	Higher grade H coils. Industry standard is grade F. Grade H offers superior resistance to higher temperature and longer life.
Environmental protection	IP 65 (NEMA 4)
Voltage options	12V - 380VAC/DC 50/60 Hz. See coil for correct voltage
Voltage tolerance	+/- 10%
Mounting in any position	Yes

**World's highest pressure rated electronic drain.**