



Optimum Timer Controlled Condensate Drain - 230 psi



The Optimum Drain Assembly consists of a solid-state timer coupled to a solenoid valve. Instruction manual outlines installation procedure. The unit is suitable for ALL compressed air system components (aftercoolers, dryers, filters, pressure vessels and piping), regardless of their size or capacity - simply adjust the interval and discharge times to suit the particular compressed air system.

- Timer Manual TEST switch- Yes, micro switch
- Timer Environmental protection- IP 65, NEMA 4 when installed properly
- Valve Insulation- Higher grade H coils. Industry standard is grade F. Grade H offers superior resistance to higher temperature and longer life.
- Valve Environmental protection- IP 65 (NEMA 4)
- Valve Body- Forged brass, orifice 4.5 mm - 3/16 inch - .187
- Mounting in any position - Yes
- Bright LED for clearer indication of operating status

Item #	Item Name	Valve In/Out Port (NPT Female)	Working Pressure (Max)	Timer Working Voltage	Orifice Size
2601	OPTIMUM	1/4"	230 PSI	230 VAC	4.5 mm
2602	OPTIMUM	3/8"	230 PSI	230 VAC	4.5 mm
2603	OPTIMUM	1/2"	230 PSI	230 VAC	4.5 mm
2621	OPTIMUM	1/4"	230 PSI	115 VAC	4.5 mm
2622	OPTIMUM	3/8"	230 PSI	115 VAC	4.5 mm
2623	OPTIMUM	1/2"	230 PSI	115 VAC	4.5 mm
2661	OPTIMUM	1/4"	230 PSI	24 VAC	4.5 mm
2662	OPTIMUM	3/8"	230 PSI	24 VAC	4.5 mm
2663	OPTIMUM	1/2"	230 PSI	24 VAC	4.5 mm
2681	OPTIMUM	1/4"	230 PSI	24 VAC	4.5 mm
2682	OPTIMUM	3/8"	230 PSI	24 VAC	4.5 mm
2683	OPTIMUM	1/2"	230 PSI	24 VAC	4.5 mm

OPTIMUM Upgrade to 300 psi Adder for 12 VDC

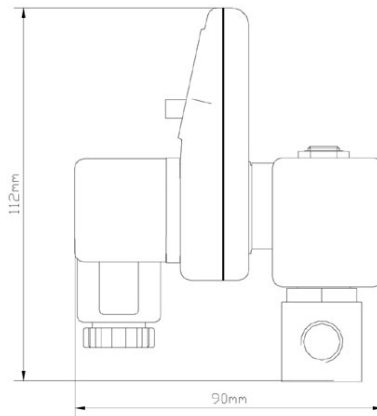
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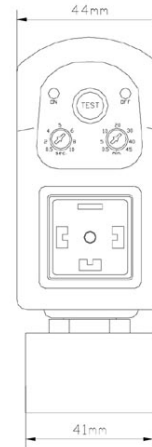
Back

1"=25.4mm

Dimensional Drawings



Side



Specifications

Product Name	2601 Optimum Timer Controlled Condensate Drain- 1/4 inch, 230 VAC
Valve In/Out Port (NPT Female)	1/4 Inch
Working Pressure (Max)	230 psi
Working Pressure Range (Min-Max)	0 - 230 psi
Orifice Size	4.5 mm
Timer Working Voltage	230 VAC
Timer Voltage Options ± 10%	24 - 240 V AC/DC 50/60 Hz
Body Material	Brass
Timer Adjustable Interval Time	0.5 - 45 Minutes
Timer Adjustable Discharge Time	0.5 - 10 Seconds
Max. Timer Current Consumption	4 mA
Timer Operating Temperature	-40 to +140 °F
Timer Housing Material	ABS Plastic FR Grade
Timer Connection	DIN 43650A, ISO 440/6952
Timer Indicators	1 LED (yellow) indicating ON, 1 LED (yellow) indicating OFF
Valve Type	2/2 Way Direct Acting
Valve Ambient Temperature (Min/Max)	35 - 130 °F
Max. Valve Media Temperature	190 °F
Valve Voltage ± 10%	12 - 380 V AC/DC
Note for Valve Voltage	See coil for correct voltage.

Note: 12 VDC and 380 VAC are available. The OPTIMUM name truly reflects the flexibility of valve connections, voltage options and pressures. Ten years of continuous research and improvement have resulted in the most reliable timer controlled drain in the world.

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