



Combo Integrated Strainer/Ball Valve Drain Assembly—300psi

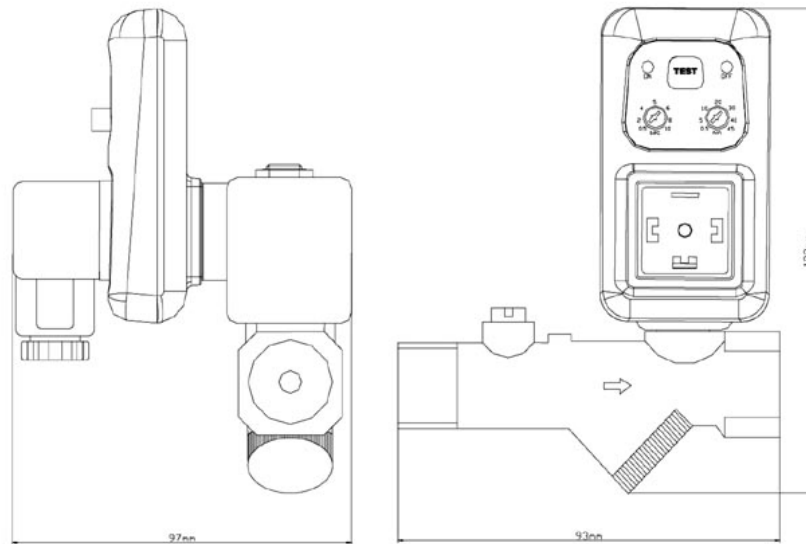


The **COMBO** is unique in the fact that the solenoid valve has an integrated ball valve strainer. The **COMBO** offers all the advantages of a timer controlled drain and in addition has the protection of a mesh strainer, preventing large particles from blocking the valve orifice. The unit can be shut off from the compressed air system enabling safe maintenance work to be carried out.

- Timer Manual TEST switch- Yes, micro switch
- Timer Environmental protection- IP 65, NEMA 4 when installed
- Valve Insulation- Higher-grade H coils. Industry standard is grade F. Grade H offers superior resistance to higher temperature and longer life.
- Valve Body- Forged brass, 4.0 mm orifice.
- Mounting Positions- Horizontally or Vertically
- Bright lights for clearer indication of operating status.

Item #	Item Name	Valve In/Out Port (NPT Female)	Working Pressure (Max)	Timer Working Voltage
2553HV	COMBO	1/2"	300 psi	380 volt
2503	COMBO	1/2"	300 psi	230 volt
2523	COMBO	1/2"	300 psi	115 volt
2563	COMBO	1/2"	300 psi	24 vac
2583	COMBO	1/2"	300 psi	24 vdc
2553LV	COMBO	1/2"	300 psi	12 vdc
2503HP	COMBO	1/2"	500 psi	230 volt
2523HP	COMBO	1/2"	450 psi	115 volt
321495	Optional self cleaning pigtail can be used on all combo valves. Sold seperately, installed by customer			
9038	Optional hose barb			

Dimensional Drawings



Specifications

Product Name	COMBO Integrated Strainer/Ball Valve Drain Assembly- 1/2 inch,
Working Pressure (Max)	300 psi
Working Pressure Range (Min-Max)	0 - 300 psi
Orifice Size	4.0 mm
Timer Working Voltage	24 -240 DC/VAC
Timer Voltage Options \pm 10%	24—240 VAC/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 with incorporated Ball Valve Strainer
Valve Ambient Temperature (Min/Max)	35 - 130 °F
Max. Valve Media Temperature	190 °F
Valve Voltage \pm 10%	Per coil
Note for Valve Voltage	See coil for correct voltage.
Valve In/Out Port (NPT Female)	1/2 Inch O.D. X 1/4 Inch I.D. Dual Inlet
Valve Inlet	1/2 Inch O.D. X 1/4 Inch I.D. Dual Thread -
Valve Outlet	1/2 NPT Female

Note: Float drains and manual drains are no longer accepted as reliable drains. Downstream processes can be seriously disrupted, simply because an unreliable drain has been applied. Float drains are notoriously known for their failure rate and are widely recognized

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