

EZ-12

Pneumatically-Powered Automatic Condensate Removal System



Features....

- ◆ See-Through Vessel
- ◆ Fully Pneumatic
- ◆ Operates On Demand
- ◆ No Wasted Air
- ◆ Plug & Play Design
- ◆ Low Profile, Compact Design
- ◆ Completely Self-Contained
- ◆ Non-Clogging Ball Valve
- ◆ No Strainers to Clean
- ◆ Versatile for Many Applications

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"The Best in Condensate Drain Technology"

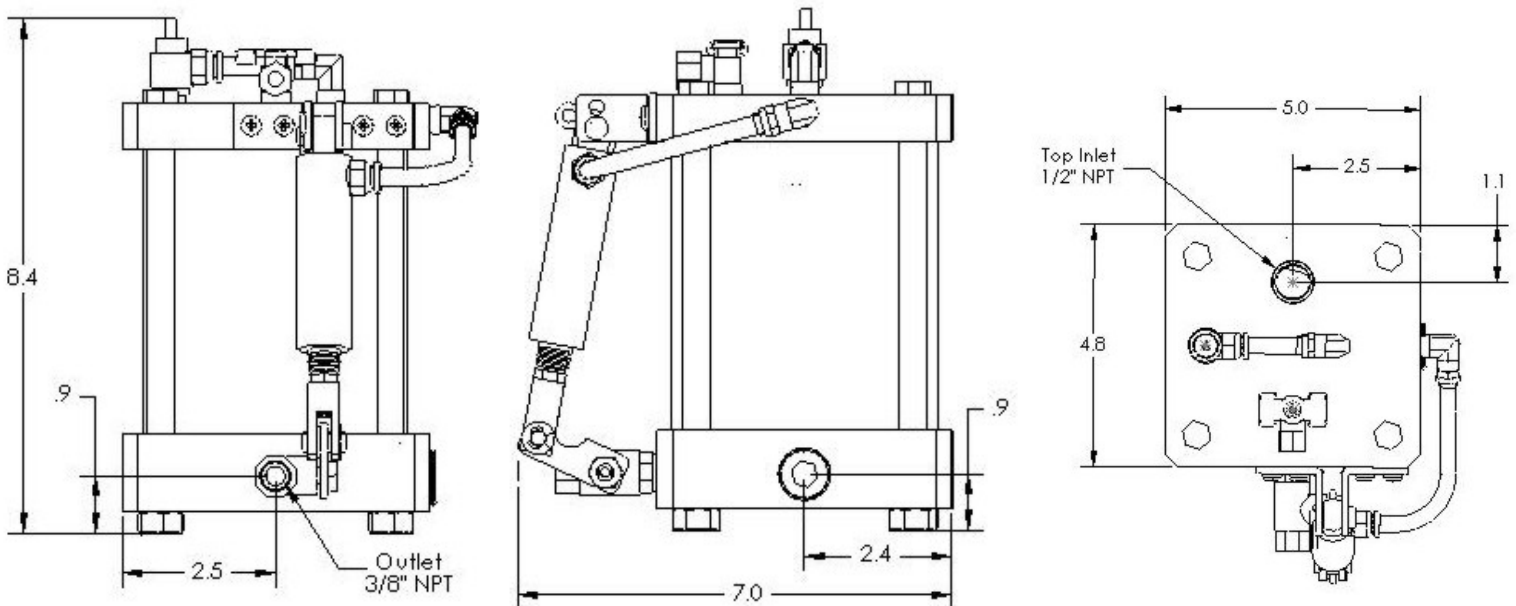
DESIGN

The **EZ-12** is a demand operated drain. The unit is fully automatic, and does not require external power. Its compact and versatile configuration permits installation in areas where the vessel to be drained is in tight spots. The **EZ-12** uses a simple trigger assembly to ensure a positive opening and closing, to prevent air loss. A full port ball valve ensures rapid discharge and avoids pluggage by contaminants.

The **EZ-12** is ideal for aftercoolers, receivers, dryers, filters, or drip legs.

OPERATION

Condensation enters the drain through the bottom or top inlet port. The see-through vessel allows visual inspection. A stainless steel float is attached to a lever arm. Attached to the other side of the lever arm is a filter protected poppet and seal. The seal rests on a seat in the top head which closes the control air discharge when a minimal level of condensate is in the vessel. As more condensate enters the vessel the float rises pulling the poppet and seal away from the seat. This allows internal, filtered air to flow through the control air tubing to extend the external air cylinder. The air cylinder extends to open the ball valve. Condensation will then exit the unit. The float drops and the poppet seal closes the control air line and the air cylinder closes ball valve. The drain is now ready to accept condensate again.



SPECIFICATIONS

Inlet/Vent:	(2) 1/2" NPT
Outlet:	3/8" NPT
Power:	No External Power Required
Pressure:	0 to 200 PSI
Operating Temperature:	33° to 180° F.
Weight:	8 lbs.
Discharge:	12 Ounces per cycle.

MATERIALS

Reservoir:	Composite
Heads:	Aluminum
Valve:	Bronze w/SS. Ball and Stem
Float:	Stainless Steel
Seal:	Viton

All design specifications are subject to change without notice.

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