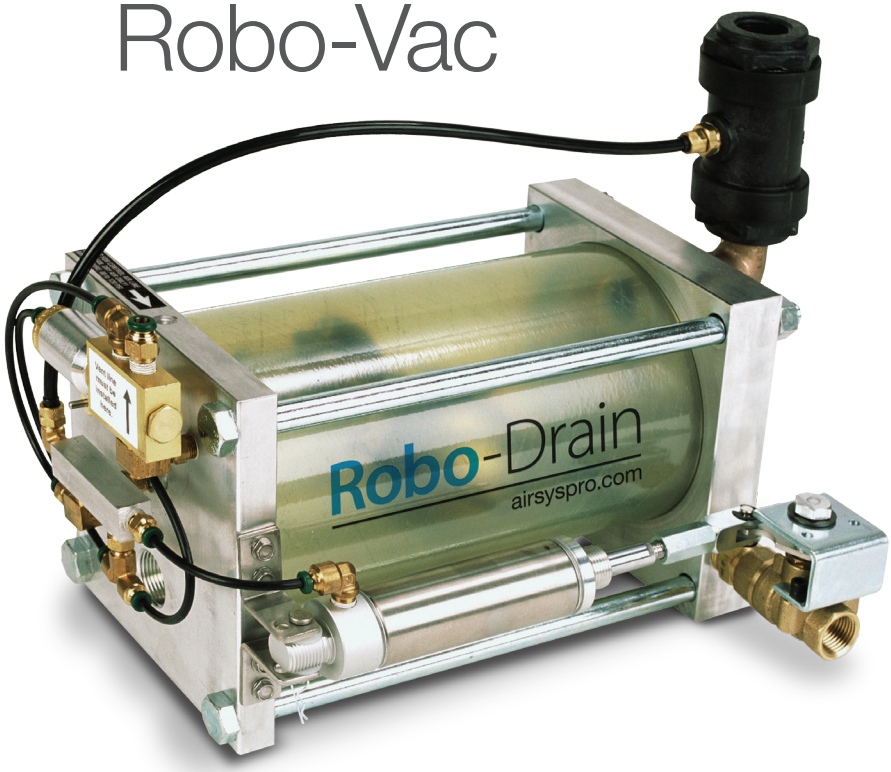
ASP Filtration Group®

Zero Loss Demand Drain

External Pneumatic Operated Condensate Drain for Vacuum Systems

Robo-Vac



A fully automatic, zero loss drain for vacuum systems that requires no electricity.

Translucent reservoir for visual assurance of operation.

Vacuum to 26" Hg.

Features

- Complete drain system
- Isolated trigger assembly
- Heavy duty industrial drain
- Horizontal low profile
- Translucent reservoir
- Non clogging, full port drain valve
- Fully pneumatic
- Automatic design

Benefits

- Designed for most vacuum systems
- Reliable design – unaffected by contaminants
- One unit works for multiple compressed air systems. Saves valuable air. Saves money
- Fits in tight spots – can be mounted under equipment
- Easy-to-see condensate level. “Quick check”
- Handles scale and rust without clogging
- No electricity required
- Operates on demand

Model No. RD11-VAC

Specifications

- Inlets: 3/4" NPT
- Outlet: 1/2" NPT
- Height: 10.5"
- Length: 15"
- Depth: 9"
- Power: Clean, Dry Compressed Air 80 to 120 PSI
- Housing Pressure: Vacuum to 250 PSI
- Operating Temperature: 32° to 180° F.
- Weight: 21 lbs.
- Discharge: 24 ounces per cycle

Materials

- Reservoir: Aluminum and Composite
- Valve: Bronze w/S.S. Ball and Stem
- Float: Stainless Steel
- Seat: Stainless Steel
- Seal: Viton®*

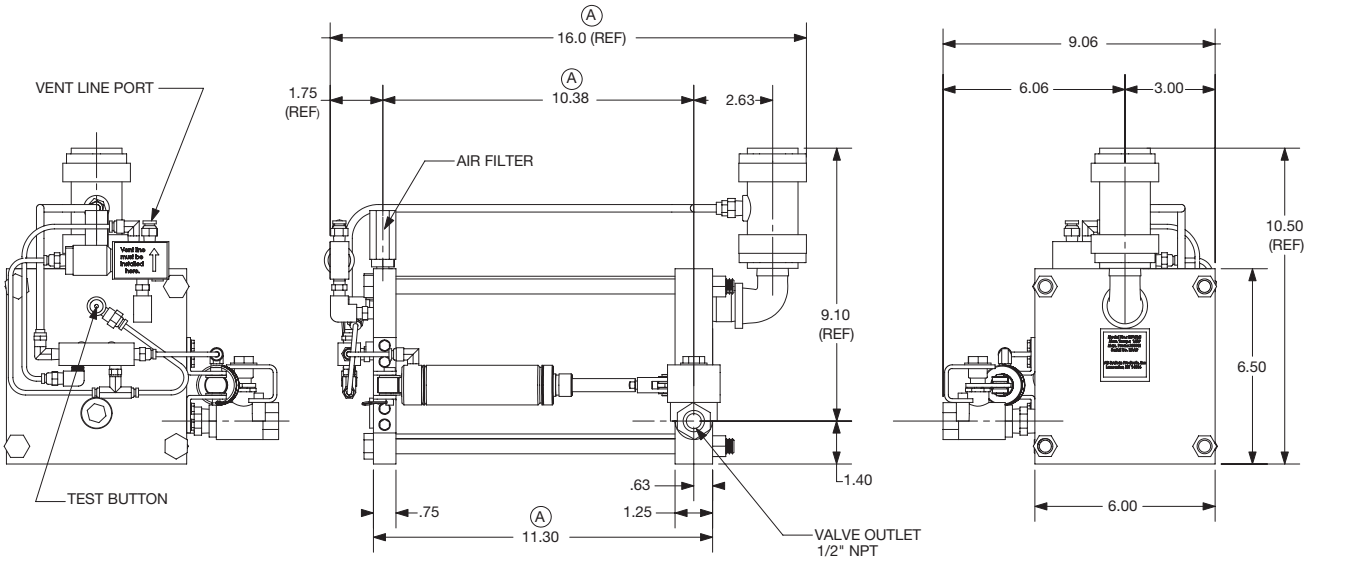
Consult factory for additional options

How It Works

Condensate enters the drain through one of two inlet connections. As condensate is collected and the translucent reservoir fills, a stainless steel float mechanism rises. When the condensate reaches a design level, the float mechanism actuates an isolated magnetic trigger assembly. The trigger assembly directs control air to the valve actuator, which in turn opens a full-port drain valve.

Condensate will then exit the unit. As the float drops, the trigger assembly closes the control air line and the valve actuator closes the ball valve. The drain is then returned to the collection mode.

Dimensions



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Hydraulics

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