



External Pneumatic Operated Condensate Drain

Robo-Drain RD11



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

Translucent reservoir for visual assurance of operation.

Ideal for Oil/Water Separators.

Features

Large 28 oz. capacity discharge

Isolated trigger assembly

Non clogging

Low profile

Translucent reservoir

Full port drain valve

Fully pneumatic

Automatic design

Made in the USA

Benefits

Ideal for most compressor installations

Reliable design – unaffected by contaminants

Saves valuable air. Saves money

Fits in tight spots

Easy-to-see condensate level
“Quick check”

Handles scale and rust without clogging

No electricity required

Operates on demand

Model No. RD11

Specifications

Inlets: (2) 3/4" NPT

Outlet: 1/2" NPT

Power: Clean, Dry Compressed Air
80 to 130 PSI

Pressure: 0 to 250 PSI

Operating Temperature: 32° to 180° F.

Weight: 17 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®*

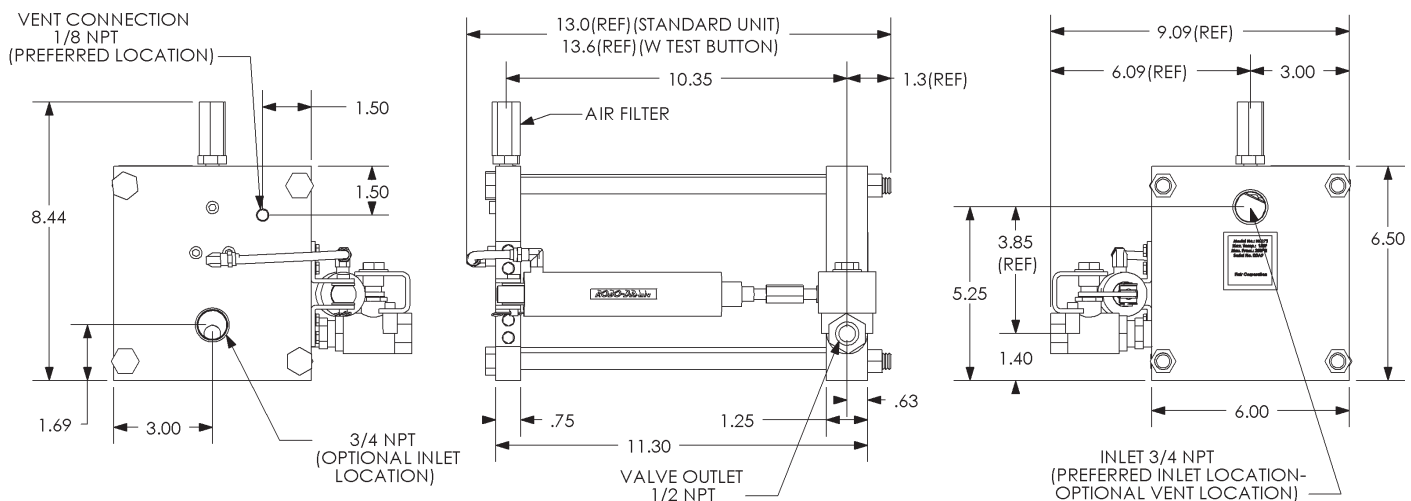
Consult factory for additional Options

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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www.filtrationgroup.com

All design specifications are subject to change without notice.

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External Pneumatic Operated Large Volume Condensate Drain

Robo-Drain RD13



A fully automatic, large volume, zero loss drain that requires no electricity.

Translucent reservoir for visual assurance of operation.

Ideal for Oil/Water Separators.

Features

Huge 72 oz. capacity
Isolated trigger assembly

Non clogging
Low profile
Translucent reservoir

Full port drain valve
Fully pneumatic
Automatic design

Made in the USA

Benefits

Designed for larger compressor installations

Reliable design – unaffected by contaminants

Saves valuable air. Saves money

Fits in tight spots

Easy-to-see condensate level
“Quick check”

Handles scale and rust without clogging

No electricity required

Operates on demand

Model No. RD13

Specifications

Inlets: (2) 3/4" NPT
Outlet: 1/2" NPT
Power: Clean, Dry Compressed Air 80 to 130 PSI
Pressure: 0 to 250 PSIG
Operating Temperature: 32° to 180° F.
Weight: 22 lbs.
Discharge: 72 ounces per cycle
Capacity: 6600 SCFM at aftercooler*

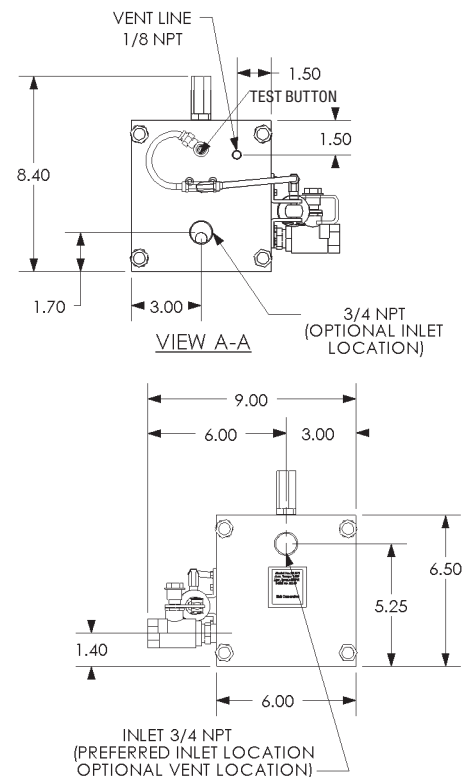
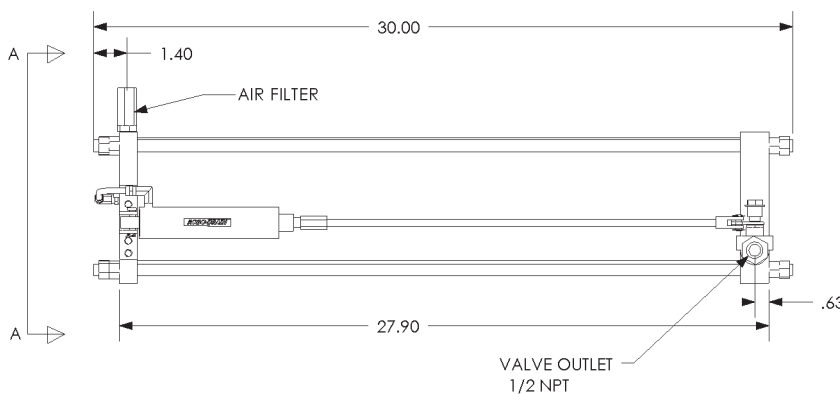
*Capacity may be more or less depending on application

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

Dimensions



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.



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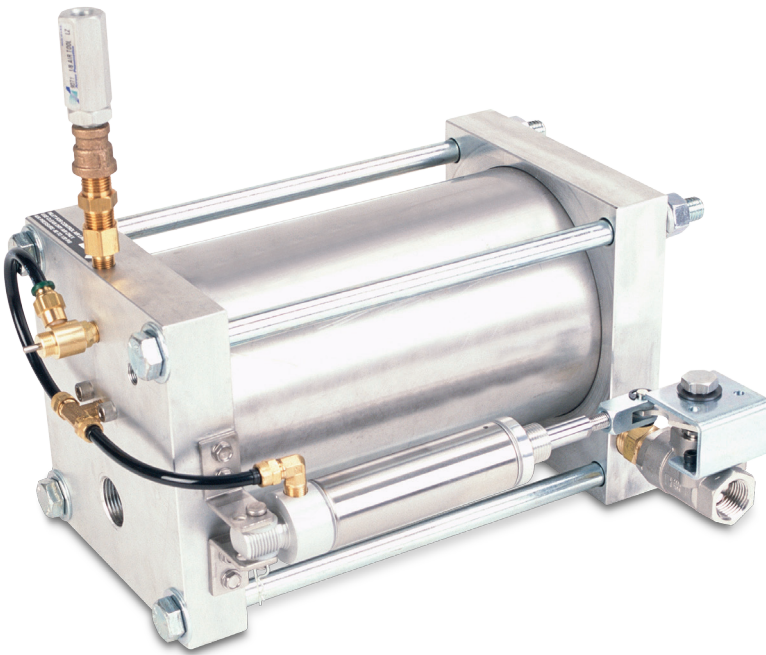
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External Pneumatic Operated High Pressure Condensate Drain

Robo-Drain RD750



A fully automatic, high pressure, zero loss drain that requires no electricity.

Durable stainless steel reservoir.

Ideal for systems to 750 PSI.

Features

Rated to 750 PSI

Isolated trigger assembly

Non clogging

Low profile

Stainless steel reservoir

Full port drain valve

Fully pneumatic

Automatic design

Made in the USA

Benefits

Ideal for high pressure compressor installations

Reliable design – unaffected by contaminants

Saves valuable air. Saves money

Fits in tight spots

Durable for high pressure capacity

Handles scale and rust without clogging

No electricity required

Operates on demand

Model No. RD750

Specifications

Inlets: (2) 3/4" NPT

Outlet: 1/2" NPT

Power: Clean, Dry Compressed Air
80 to 130 PSI

Pressure: 0 to 750 PSI

Operating Temperature: 32° to 180° F.

Weight: 22 lbs.

Discharge: 24 ounces per cycle

Materials

Reservoir: 304 Stainless Steel

Valve: Stainless Steel w/S.S. Ball and Stem

Float: Stainless Steel

Seat: Stainless Steel

Seal: Viton®*

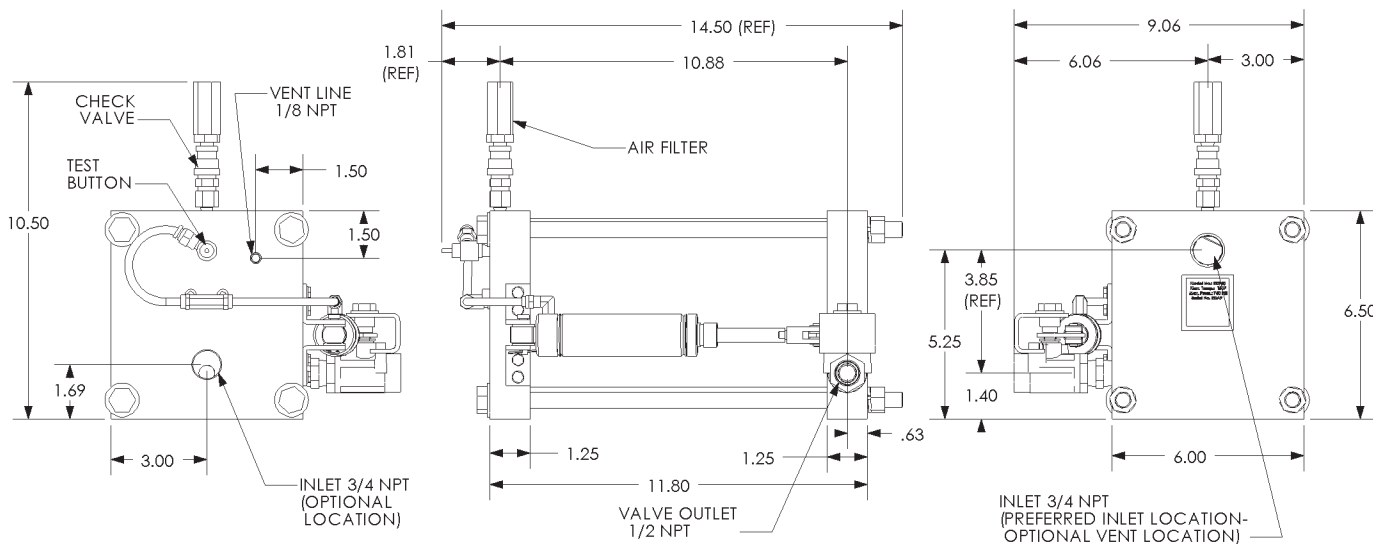
Consult factory for additional Options

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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External Pneumatic Operated Condensate Drain

Dehydra 52



A fully automatic plug and play design, zero loss drain that requires no electricity.

Translucent reservoir for visual assurance of operation.

Features

- Plug and play design
- Fully pneumatic
- Compact design
- Non clogging
- Translucent reservoir
- Simple trigger assembly
- Full port ball valve
- Versatile for many applications

Made in the USA

Benefits

- Easy to install
- No electricity required
- Can be installed in a tight space
- No strainers to clean
- Easy-to-see condensate level
"Quick check"
- Ensures a positive action, preventing air loss
- Provides rapid discharge and avoids pluggage by contaminants
- Can be used for aftercoolers, receivers, dryers, or filters

Model No. Dehydra 52

Specifications

Inlets: (2) 1/2" NPT

Outlet: 1/2" NPT

Power: Clean, Dry Compressed Air
50 to 120 PSI

Pressure: 0 to 200 PSI (52C) • up to 450 (52)

Operating Temperature: 33° to 180° F.

Weight: 19 lbs.

Discharge: 52 ounces per cycle

Materials

Reservoir: Composite

Heads: Aluminum

Valve: Bronze w/S.S. Ball and Stem

Float: Poly (Stainless Available)

Seal: Viton®*

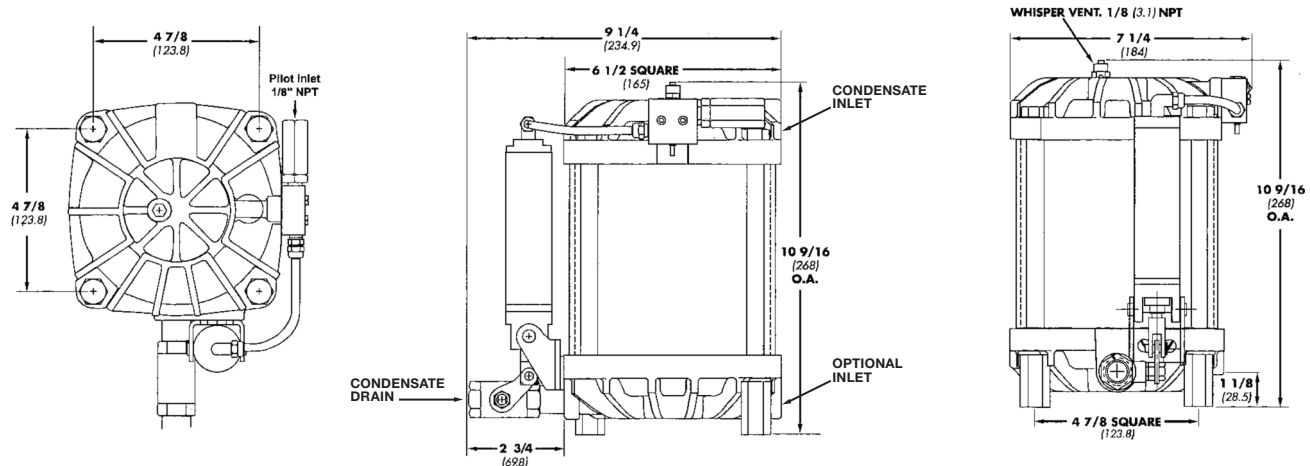
Consult factory for additional Options

How It Works

Condensate enters the drain through one of two inlet connections. A non-metallic float is tethered to a float arm. As condensate is collected and the translucent reservoir fills, the float rises. When the condensate reaches a design level, the float lifts the trigger assembly and a drain cycle is initiated. The trigger assembly opens and directs control air to the valve actuator, which in turn opens the full-port drain valve.

Condensate will then exit the unit. As the condensate level drops, the trigger assembly closes and the valve actuator closes the drain valve. The drain is returned to a standby condition.

Dimensions



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“The Best in Condensate Management”

Zero Loss Demand Drain

Electric Operated Condensate Drain

Accu-Drain



A fully automatic,
zero loss drain

Translucent reservoir
for visual assurance
of operation

Features

Zero Air Loss

Non clogging, Straight-Thru Flow
POSI-VALVE design solenoid valve

Compact design

Translucent reservoir

Indicator lights

Multiple sizes

Made in the US

Benefits

Energy efficient

Passes rust and scale that would foul other
solenoid valves - no strainers to clean

Can be installed in a tight space

Easy-to-see condensate level

“Quick check”

Easy to see status of drain

Sized for your needs

Model No. ACD3 & ACD5

Specifications ACD3

Inlets: (2) 1/2" NPT

Outlet: 1/4" NPT

Compressor Capacity: 450 CFM

Dryer Capacity: 900 CFM

Filter Capacity: 2700 CFM

Pressure: 0 to 200 PSI

Operating Temperature: 35° to 180° F.

Weight: 5 lbs.

Discharge: 8 ounces per cycle

Voltage: 115 - includes 6' power cord

Specifications ACD5

Inlets: 3/4" & 1/2" NPT

Outlet: 1/4" NPT

Compressor Capacity: 1125 CFM

Dryer Capacity: 2250 CFM

Filter Capacity: 6750 CFM

Pressure: 0 to 200 PSI

Operating Temperature: 35° to 180° F.

Weight: 10 lbs.

Discharge: 21 ounces per cycle

Voltage: 115 - includes 6' power cord

Materials

Reservoir: Aluminum and Composite

Control Stem: Teflon Coated

Float: Stainless Steel

Seat: Stainless Steel

Seal: Viton®*

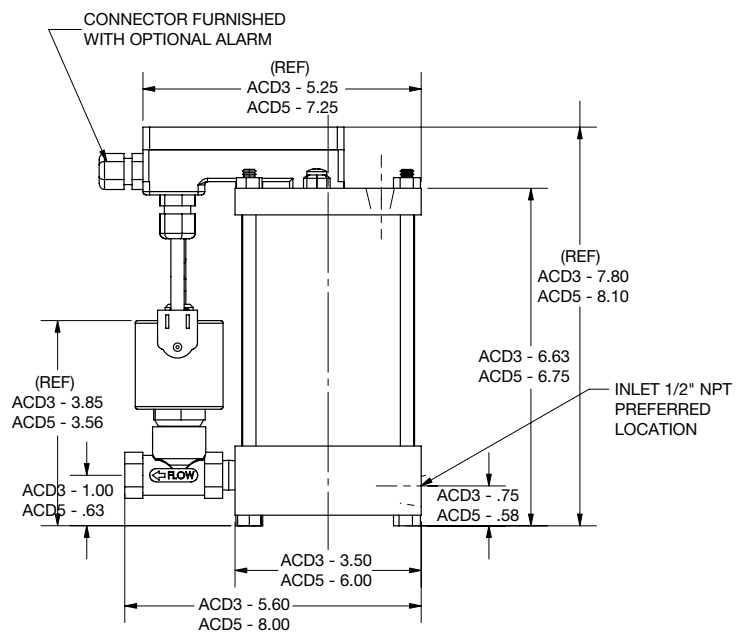
**Consult factory for Optional Remote Alarm
Contacts and other Options**

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 level switch rises. When the condensate reaches a design level, the level switch sends a signal to the straight flow posi valve, which in turn opens a full-port drain.

When installed, a light indicates power is being supplied to the drain. A second light indicates when the valve has been actuated by the float switch. An override switch is provided for manual operation of the drain.

Dimensions



ASP
INDUSTRIES

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Bulletin ACD3&5 06/12

Electric Operated Condensate Drain

Accu-Drain



A fully automatic,
zero loss drain.

Translucent reservoir
for visual assurance
of operation.

Features

Zero Air Loss

Non clogging, Straight-Thru Flow
POSI-VALVE design solenoid valve

Compact design

Translucent reservoir

Indicator lights

Multiple sizes

Made in the USA

Benefits

Energy efficient

Passes rust and scale that would foul other
solenoid valves - no strainers to clean

Can be installed in a tight space

Easy-to-see condensate level
"Quick check"

Easy to see status of drain

Sized for your needs

Model No. ACD3 & ACD5

Specifications ACD3

Inlets: (2) 1/2" NPT

Outlet: 1/4" NPT

Compressor Capacity: 450 CFM

Dryer Capacity: 900 CFM

Filter Capacity: 2700 CFM

Pressure: 0 to 200 PSI

Operating Temperature: 35° to 180° F.

Weight: 5 lbs.

Discharge: 8 ounces per cycle

Voltage: 115 - includes 6' power cord

Specifications ACD5

Inlets: 3/4" & 1/2" NPT

Outlet: 1/4" NPT

Compressor Capacity: 1125 CFM

Dryer Capacity: 2250 CFM

Filter Capacity: 6750 CFM

Pressure: 0 to 200 PSI

Operating Temperature: 35° to 180° F.

Weight: 10 lbs.

Discharge: 21 ounces per cycle

Voltage: 115 - includes 6' power cord

Materials

Reservoir: Aluminum and Composite

Control Stem: Teflon Coated

Float: Stainless Steel

Seat: Stainless Steel

Seal: Viton®*

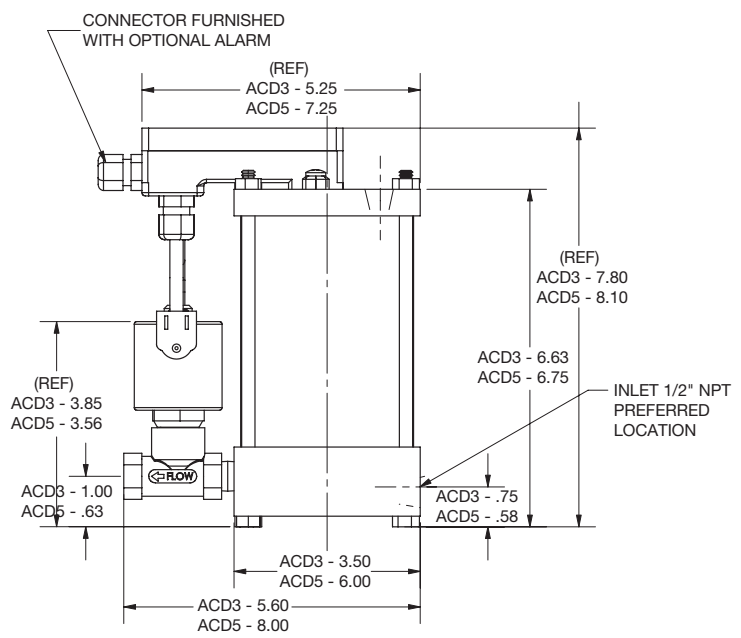
**Consult factory for Optional Remote Alarm
Contacts and other Options**

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 level switch rises. When the condensate reaches a design level, the level switch sends a signal to the straight flow posi valve, which in turn opens a full-port drain.

When installed, a light indicates power is being supplied to the drain. A second light indicates when the valve has been actuated by the float switch. An override switch is provided for manual operation of the drain.

Dimensions



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Electric Operated Condensate Drain System

Exactronic Drain System



Combines the best of float type drains and timer operated ball valve drains.

Translucent reservoir for visual assurance of operation.

Features

Large 50 oz. capacity

No wasted air

Non clogging

Translucent reservoir

Isolated trigger mechanism

Full port ball valve

Made in the USA

Benefits

Ideal for most compressor applications

Saves energy

No strainers to clean

Easy-to-see condensate level

“Quick check”

Ensures both a positive opening and closing to prevent air loss

Handles scale and rust without clogging

Model No. EDS-2BV

Specifications

Inlets: 1/2" NPT

Outlet: 1/4" NPT

Pressure: 0 to 200 PSI

Operating Temperature: 35° to 1400° F.

Weight: 20 lbs.

Discharge: 0.4 Gal. per cycle, 100 PSI

Voltage: 120V, 60 Hz., 1 Ph.

Electrical Rating: Nema 4X

Materials

Reservoir: Aluminum and Composite

Valve: Bronze w/S.S. Ball and Stem

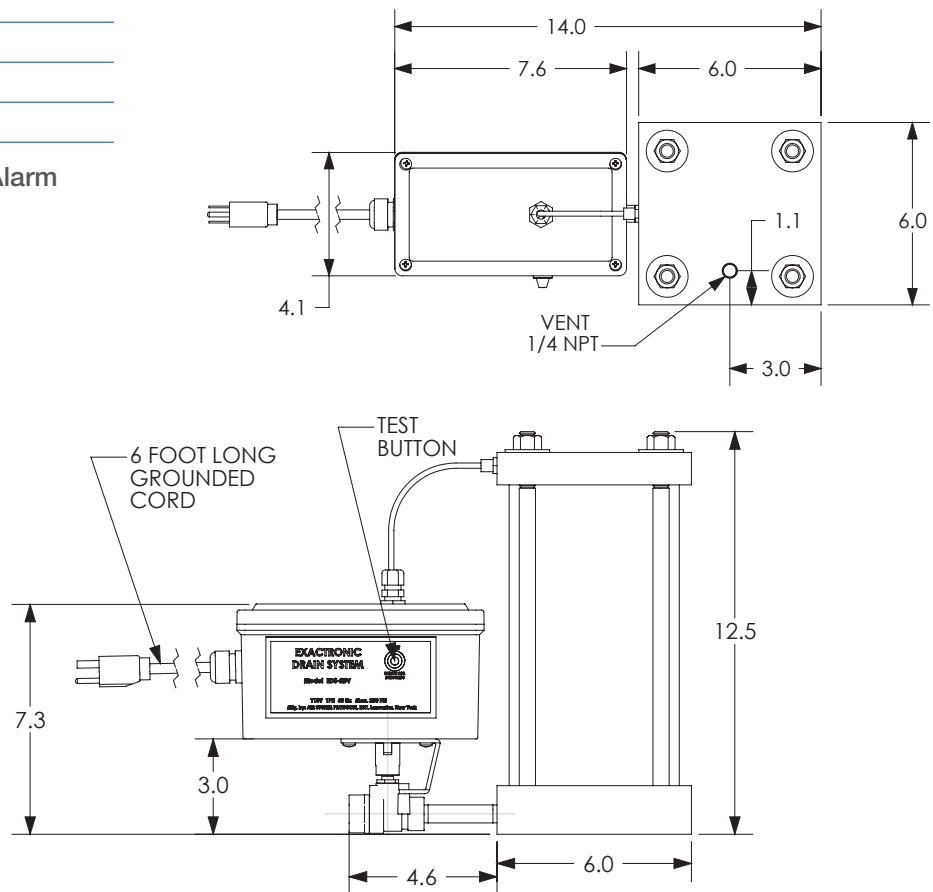
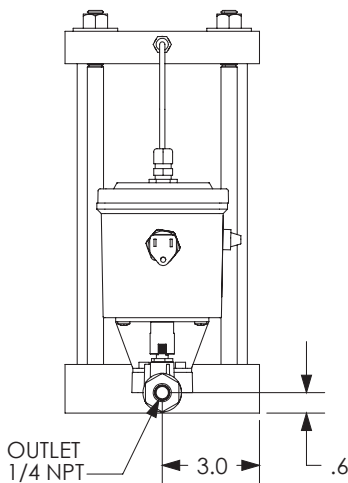
Float: Stainless Steel

Seat: Stainless Steel

Seal: Viton®*

Consult factory for Optional Remote Alarm Contacts and other Options

Dimensions



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 level switch rises. When the condensate reaches a design level, the level switch sends a signal to the electric valve actuator which in turn opens a full-port drain.

Condensate will then exit the unit. As the level switch drops, a signal is sent to the valve actuator to close the ball valve. The drain is then returned to the collection mode.



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Internal Pneumatic Operated Condensate Drain

EZ-12



A fully automatic plug and play design, zero loss drain that requires no external power utility.

Translucent reservoir for visual assurance of operation.

Features

- Plug and play design
- Internally powered
- Compact design
- Non clogging
- Translucent reservoir
- Simple trigger assembly
- Full port ball valve
- Versatile for many applications

Made in the USA

Benefits

- Easy to install
- No external power utility
- Can be installed in a tight space
- No strainers to clean
- Easy-to-see condensate level
“Quick check”
- Ensures a positive action, preventing air loss
- Provides rapid discharge and avoids pluggage by contaminants
- Can be used for aftercoolers, receivers, dryers, filters, or drip legs

Model No. EZ-12

Specifications

Inlets: (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/S.S. Ball and Stem

Float: Stainless Steel

Seal: Viton®*

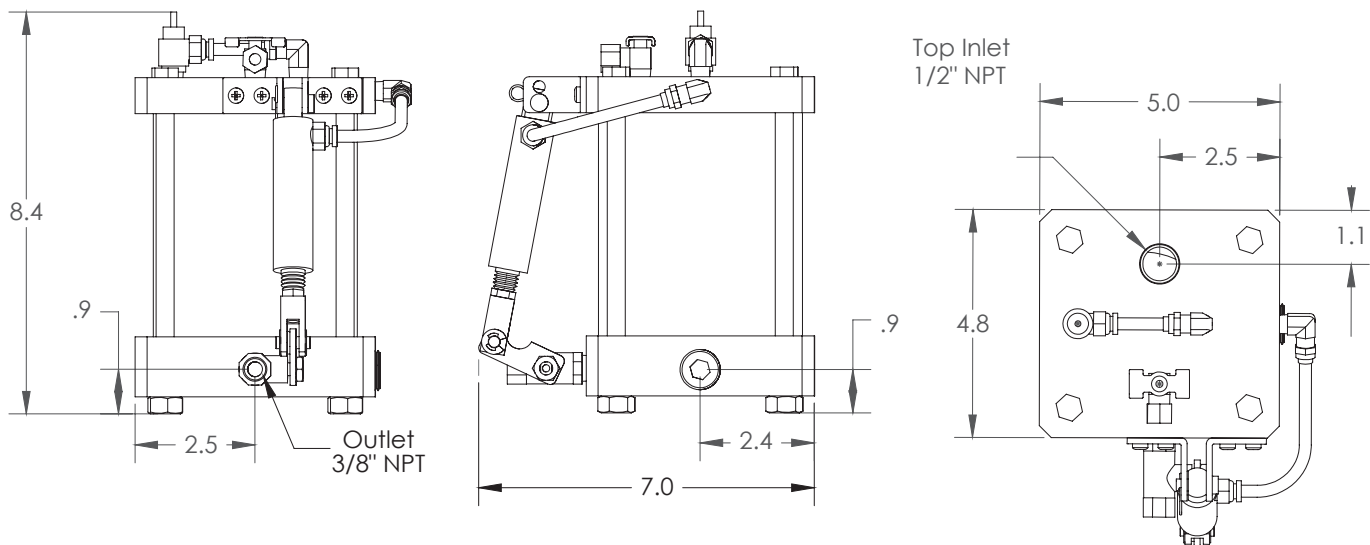
Consult factory for additional Options

How It Works

Condensate enters the drain through one of two inlet connections. A stainless steel float is attached to a lever arm. Attached to the other side of the lever arm is a filter protected poppet assembly. 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 a poppet assembly. The poppet assembly directs control air to the valve actuator, which in turn opens a full-port drain valve.

Condensation will then exit the unit. As the float drops and the poppet seal closes, the control air line and the valve actuator closes the ball valve. The drain is now ready to accept condensate again.

Dimensions



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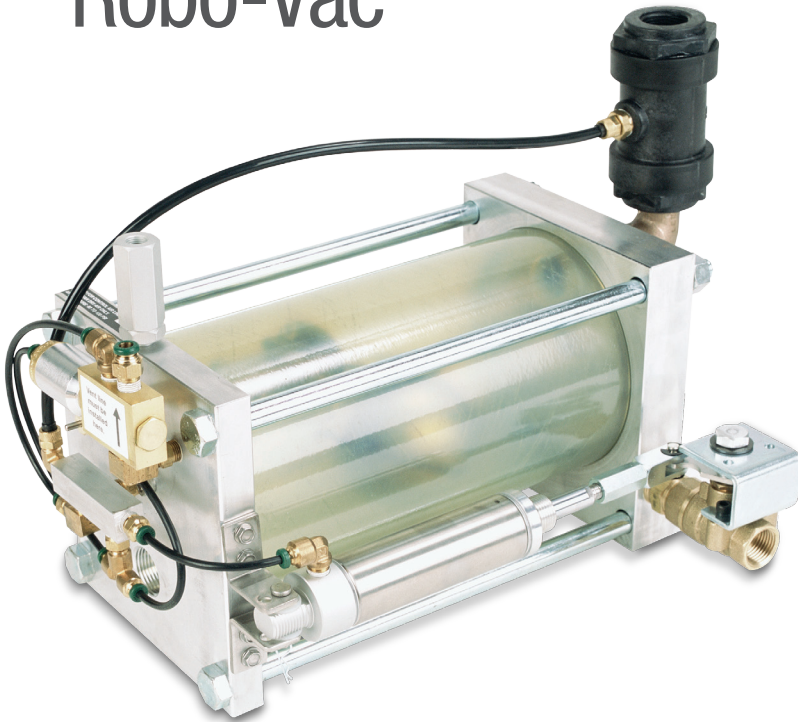
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External Pneumatic Operated Condensate Drain for Vacuum Systems

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

Non clogging

Low profile

Translucent reservoir

Full port drain valve

Fully pneumatic

Automatic design

Made in the USA

Benefits

Designed for most vacuum systems

Reliable design – unaffected by contaminants

Saves valuable air. Saves money

Fits in tight spots

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

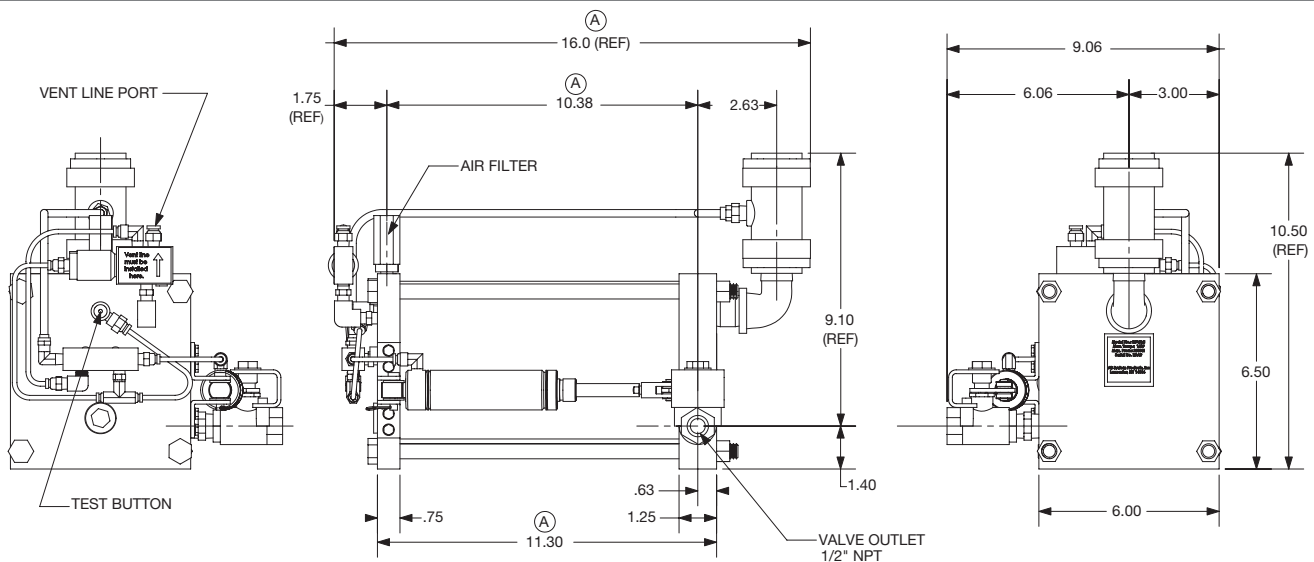
Float: Stainless Steel

Seat: Stainless Steel

Seal: Viton®*

Consult factory for additional Options

Dimensions



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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.

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