



Pneumatic Drain Valve

Models PDV-500T

- No electricity needed - Ideal for remote and portable applications
- Zero air loss saves energy
- Full flow ball valve for reliable operation
- Visible liquid level verifies performance
- Safe operation in hazardous areas



Application Versatility

The new PDV-500T from Van Air is a versatile draining system that is ideal for receivers, dryers, tanks, drop legs, pipes or any equipment requiring regular condensate removal.

With no electricity needed for operation, it is well suited for remote or portable applications and is safe to operate in any hazardous area.

Zero Air Loss

As a demand operated drain, the PDV-500T automatically does the work for you. It eliminates the guess work of setting the cycle or drain open times.

As the condensate levels change, the PDV-500T automatically adjusts to drain as needed, without allowing valuable compressed air to escape.

Reliable Operation

Designed with a full flow ball valve and proprietary pilot valve using a magnet and proximity switch, the PDV-500T will not clog. This unique pilot valve design allows the control air to be totally separated from the condensate, preventing any attraction of pipe scale.

The ball valve eliminates the need to install a strainer. This means better dependability than competitive units.

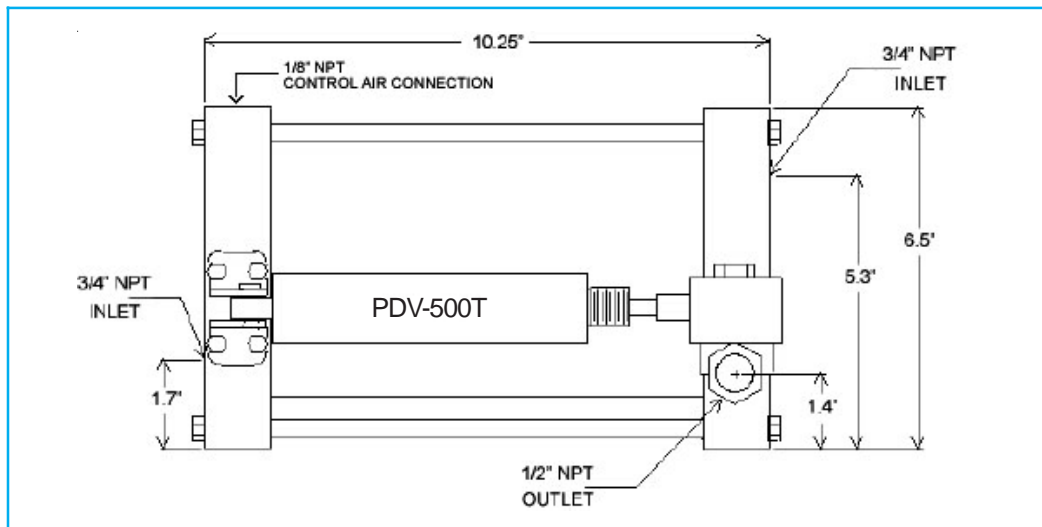
Easy Maintenance

The see-through vessel allows visual inspection of the condensate. With the optional test button, you can easily check valve operation or manually drain the system.

How It Works

A stainless steel float rises and moves a magnet over a pilot valve housing. When it reaches a preset level, the pilot valve releases control air and opens the ball valve. The liquid in the vessel drops, but does not fall far enough to lose any compressed air. This makes operation quiet.

Dimensions



Specifications

Inlets (2) 3/4" NPT
 Outlet 1/2" NPT
 Powered by Clean, dry compressed air
 80 to 130 PSI
 Control Air Connection 1/8" NPT
 Housing Pressure 0 to 250 PSI
 Operating Temperature 32° to 180° F
 Weight 16 Lbs.
 Discharge 24 ounces per cycle @ 100 PSIG
 Test button Standard

Materials

Reservoir Aluminum and composite
 Valve Bronze with stainless ball and stem
 Float Stainless steel
 Seat Stainless steel
 Seal Viton

Accessories

- Heater 39-0289
- Stainless steel ball valve 39-6880

How To Order

<u>Model Number</u>	<u>Description</u>	<u>Valve Body</u>	<u>Part Numbers</u>
Model PDV-500T	Includes test button for manual operation	Brass	39-0284
Model PDV-500T	Includes test button for manual operation	Stainless	39-0286

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