



## EDV Series

### Eliminate Condensate in your Air Lines

Cooling, drying and filtering your compressed air is only part of the air treatment process. In a 100 SCFM system operating at 100 PSIG and in ambient conditions of 70°F with 50% RH, each 8-hour shift produces 2 1/2 gallons of condensate which must be removed from the system.

#### Time & Money Savings:

The inexpensive and reliable EDV Solenoid drain valve automatically removes condensate from your air system and has an integral strainer to prevent clogging.

It saves time and money by eliminating the need for time-consuming manual draining or leaving manual drains cracked open (wasting valuable compressed air).

#### Adjustable to Your Needs:

With adjustable valve open and cycle times, all EDV Series drain valves can be set for your operating conditions. The valve open time may be set for 1 to 60 seconds and the cycle time may be set for 1 to 60 minutes.

#### Features

- Indoor or Outdoor Installation
- NEMA 4 Lexan Enclosure
- Standard Units Rated to 230PSIG
- Integral Isolation Valve & Strainer
- Solid State Timer

#### Benefits

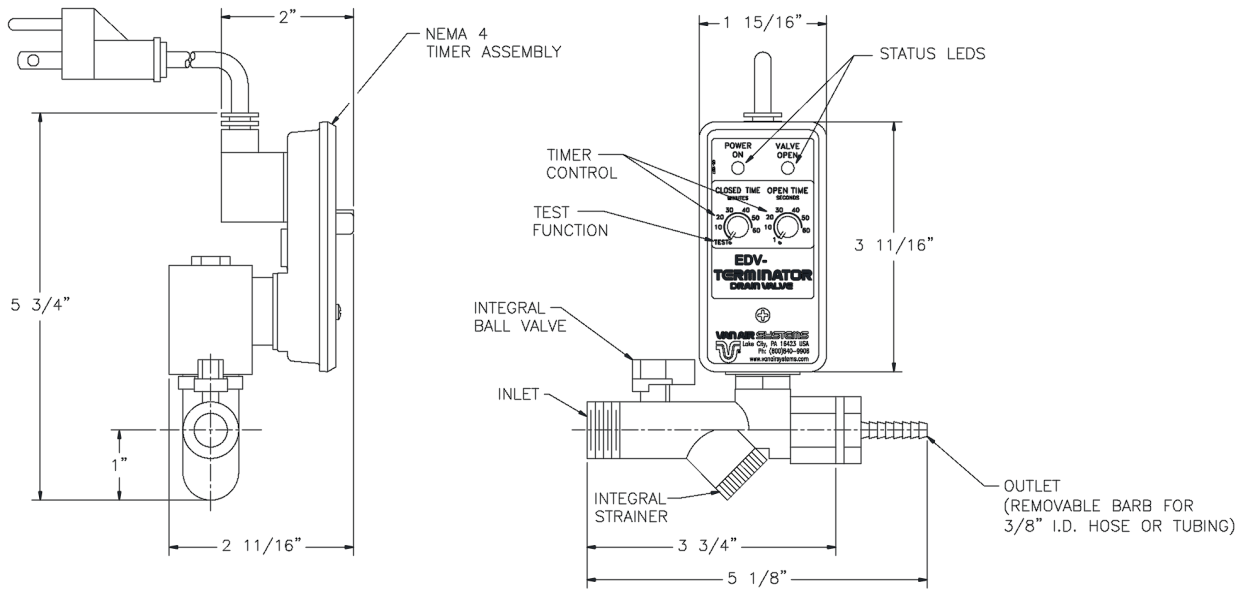
- Easy to use test function
- Protect against damage from liquid carryover
- Reliable and inexpensive
- Easy to adjust variable open and cycle times

#### Applications

- Filters
- Drop Legs
- Receivers
- Separators
- Aftercoolers

## STANDARD SPECIFICATIONS

|                           |                        |
|---------------------------|------------------------|
| Cycle Time (Valve Closed) | 1 to 60min.            |
| Open Time                 | 1 to 60sec.            |
| Power Cord with Plug      | 6ft., 18/3 wire        |
| Valve Seals               | Viton                  |
| Enclosure                 | NEMA 4/Lexan           |
| Valve Body                | Brass                  |
| Power on LED              | Green                  |
| Valve Open LED            | Yellow                 |
| Test Function             | On Timer Knob          |
| Manual Isolation Valve    | Ball Type              |
| Integral Strainer         | Stainless Steel        |
| Outlet Barb Fitting       | 3/8"ID Pipe or Hose    |
| Temperature Range         | 35-130°F/0-54CC        |
| Inlet                     | 1/4" FPT, 1/2" NPT (M) |



| Van Air Part No. | Models     | Dual Inlet Connection Size (NPT) | Outlet Connection Size (NPT) | Valve Orifice | Working Pressure Range (PSIG/Bar) | Electrical (V-PH-HZ) | Current (AMPS) | Fluid Temp Range (°F/°C) | Approx Weight (lbs/Kg) |
|------------------|------------|----------------------------------|------------------------------|---------------|-----------------------------------|----------------------|----------------|--------------------------|------------------------|
| 39-10507         | EDV-115    | 1/4"(F) 1/2"(M)                  | 1/2"(F)                      | 9/64"         | 230/15.6                          | 115-1-50/60          | 0.228          | 32-176/0-80              | 1.7/.76                |
| 39-10508         | EDV-230    | 1/4"(F) 1/2"(M)                  | 1/2"(F)                      | 9/64"         | 230/15.6                          | 230-1-50-60          | 0.115          | 32-176/0-80              | 1.7/.76                |
| 39-10509         | EDV-12 VDC | 1/4"(F) 1/2"(M)                  | 1/2"(F)                      | 9/64"         | 230/15.6                          | 12V DC               | .930           | 32-176/0-80              | 1.7/.76                |
| 39-10510*        | EDV-115PA  | 1/2"(F)                          | 1/2"(F)                      | 7/16"         | 230/15.6 Pilot Assist             | 115-1-60             | 0.06           | 32-210/0-99              | 1.7/.76                |

\*39-10510 is pilot assisted for positive opening & closing. It does not include isolation valve with strainer or outlet hose barb connection.



Distributed by:

EDV\_SolenoidDrains/2010-12/VAS