

Moisture Minder® EDV Electronic Solenoid Valve P/N 21999-0177

Recommend on time - ½ to 2 seconds

(It is more efficient to cycle your valve more often with less on time)

Off time, or cycle time, setting may need to be adjusted depending on condensate output

U.S. Patent # 6571830

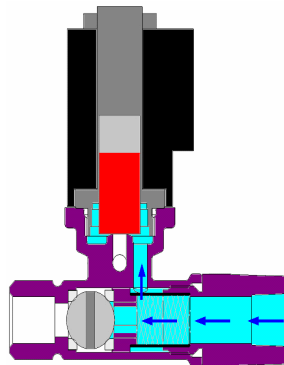
EPO # 01306857.2

**For Compressors (Up To 300HP)
Dryers, Aftercoolers, Separators,
and Filters**



Bulk Head Mounting
3/4-16 UNF Threads

Built-in Ball Valve



Inlet Port

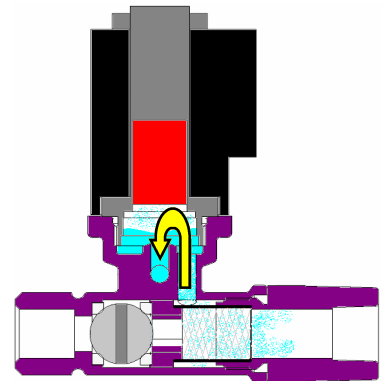
1/4" NPT I.D.
1/2" NPT O.D.

**Discharge or
Outlet Port**

1/4"NPT

- Condensate enters through the inlet side of the valve.
- Debris is captured inside the internal strainer.

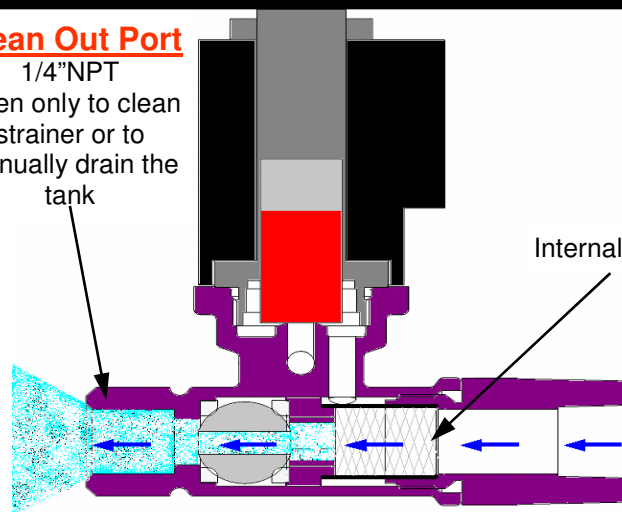
- When valve activates condensate flows thru the strainer up to the orifice and out the back discharge port
- Debris is captured by internal strainer which prevents fouling of orifice



Clean Out Port

1/4"NPT

Open only to clean
strainer or to
manually drain the
tank



Internal Strainer

Warning: Install fitting and drain line to clean out and discharge ports and route to a safe area to avoid injury to self or others

- No disassembly needed for cleaning internal strainer
- Opening ball valve allows system pressure to blow out debris
- Serves as manual drain



INSTALLATION INSTRUCTIONS FOR MOISTURE MINDER® ELECTRONIC DRAIN VALVE USING OPTIONAL INSTALLATION KIT (P/N 21999-0316)



WARNING

BEFORE SERVICING OR WORKING ON ANY COMPRESSED AIR SYSTEM COMPONENTS, USE THE MANUFACTURE'S MANDATORY SAFETY SHUT DOWN PROCEDURE FOR ALL COMPONENTS.

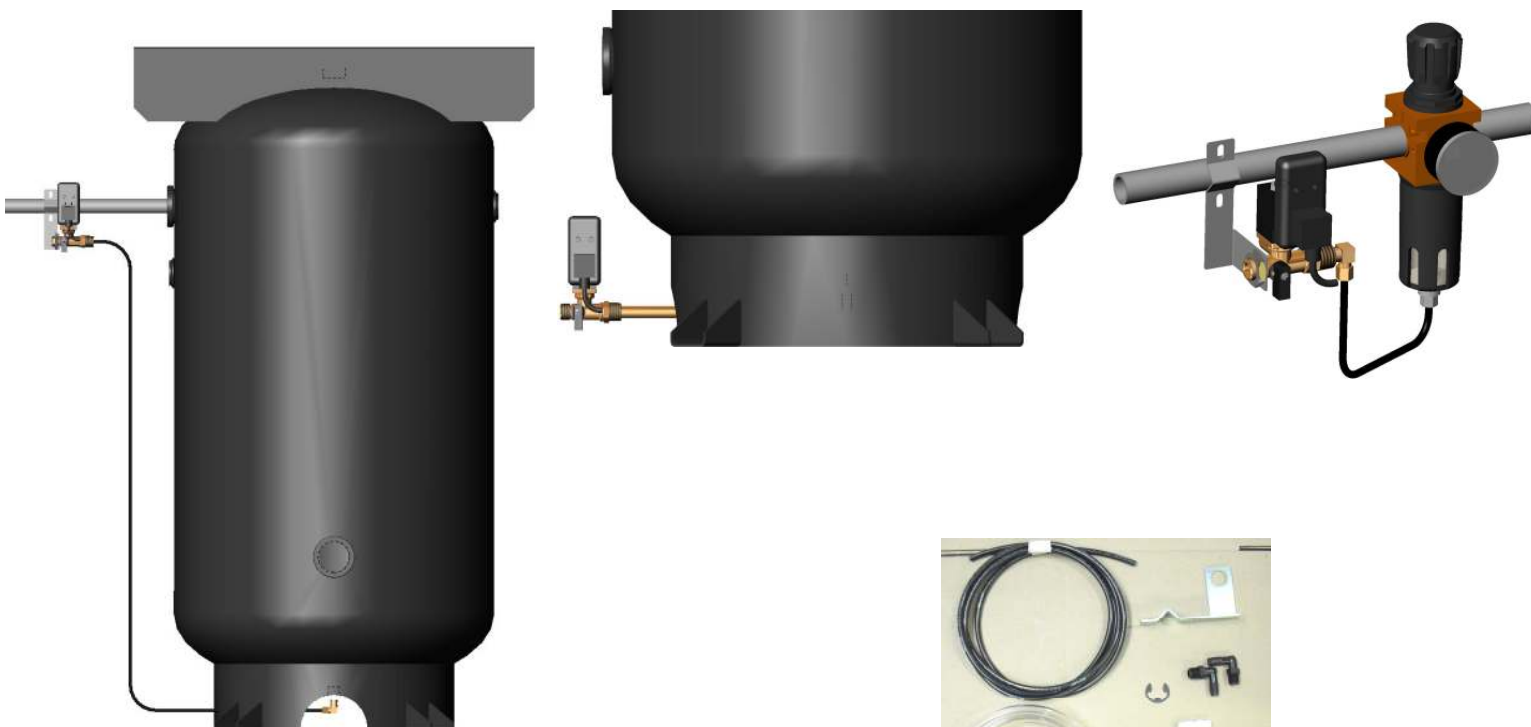


1. THIS INCLUDES DISCONNECTING ELECTRICAL POWER AND USING REQUIRED SAFETY LOCKOUT TAGS
2. AIR PRESSURE IN SYSTEM MUST BE BLED DOWN TO ZERO
3. SAFETY GLASSES MUST BE WORN
4. A LICENSED ELECTRICIAN MUST DO ALL ELECTRICAL WORK
5. ALL STATE AND LOCAL CODES MUST BE FOLLOWED
6. TEFLON PIPE SEALANT SHOULD BE USED ON ALL PIPE FITTINGS
7. ALLOW FOR MANDATORY 18" HEIGHT REQUIREMENT IN AUTOMOTIVE SHOP APPLICATIONS

Mounting Instructions:

- Bulkhead feature can be used to mount valve to dryer side panels or to motor mounting plates on compressors- drill a 3/4" diameter hole for this mounting application and secure with jam nut and e-ring
- Valve can be mounted on standard piping (1/2", 3/4" and 1") with mounting bracket
- Use push-in fittings and 1/4" tubing to connect EDV drain to water discharge port of item to be drained
- Connect 1/4" barbed elbows to discharge port and flush-out port and route away using 3/8" clear tubing

Mounting Options for EDV using Installation Kit P/N 21999-0316



Installation Kit
P/N 21999-0316