

# Ingersoll-Rand®

## EDV-2000™ Electric Drain Valve

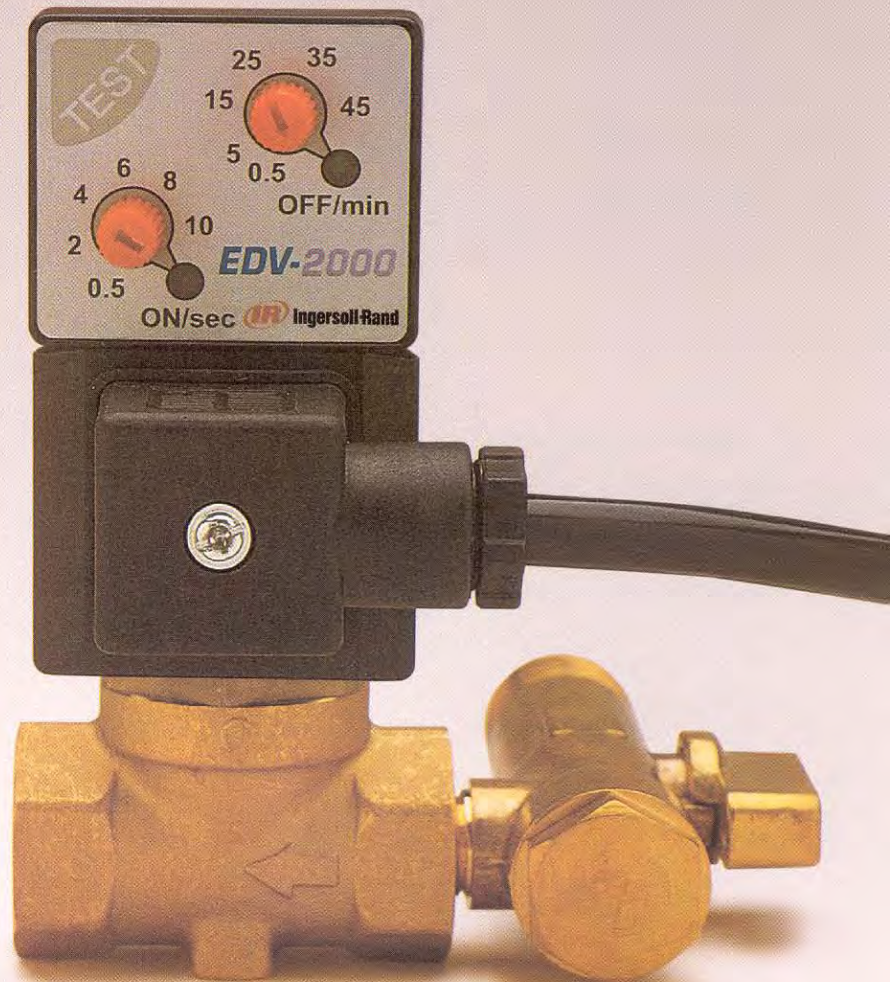
The EDV-2000 is a “user friendly” full feature automatic electric drain valve that cost effectively removes condensate from compressors, receivers, dryers, aftercoolers, filters and drip legs. Each EDV-2000 includes an electric drain valve and a strainer/ball valve.

### The EDV-2000 is:

- Easy to read
- Compact
- Easy to adjust
- Reliable

### The EDV-2000 provides the following features:

- 2 year warranty
- 100% Continuous Duty.
- Large-scale, adjustable “time on” drain cycle of 0.5-10 seconds.
- Large-scale, adjustable “time off” timer interval of 0.5-45 minutes.
- Ultra bright LED to indicate power is on and to indicate valve is open.
- Soft touch TEST switch for manual override.
- Strainer/ball valve combination prevents valve from clogging and allows isolation for servicing.
- Ingersoll-Rand exclusive SBV hex cap with whistle notch to alarm if strainer is being serviced under pressure.
- Agency approvals (recognized components mark).
- NEMA 4 (IP65) enclosure
- 6' (1.83M) heavy duty power cord with AC plug.



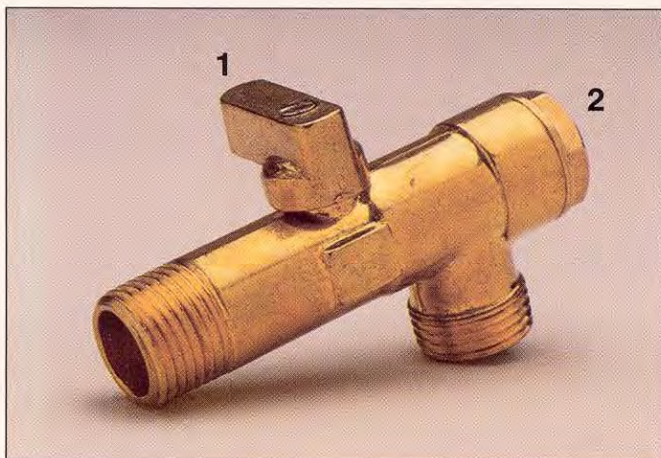
# EDV-2000™ Specifications

110/120 V 50-60 Hz I-R Part No.	230/240 V* 50-60 Hz I-R Part No.	Max. Pressure psi (Bar)	Discharge Rate in gallons (liters) per 5 seconds valve "on time"	Connection Size	Orifice Size
<b>EDV-2000</b>					
37995925 (NPT)	37995933 (NPT)	250 (17.25)	up to 0.1 gal. (0.378ℓ)	1/4"	3/32"
<b>EDV-2000 Field Retrofit Assembly</b>					
97339352 (NPT)	97339402 (NPT)	250 (17.25)	up to 0.1 gal. (0.378ℓ)	1/4"	3/32"
<b>EDV-2000</b>					
54410931 (NPT)	37995909 (NPT)	250 (17.25)	up to 0.26 gal. (0.983ℓ)	1/4"	7/16"
38000865 (BSP)	38000873 (BSP)	250 (17.25)			
<b>EDV-2000</b>					
37995891 (NPT)	37995917 (NPT)	250 (17.25)	up to 1.6 gal. (6.048ℓ)	1/2"	7/16"
38000808 (BSP)	38000881 (BSP)	250 (17.25)			

\*Based upon a 90 PSI (6.2 bar) air system and 5 seconds valve "on time." Flow rates may vary with installation.  
\*\*230 volt models are supplied without AC plugs.

**Timer Interval** .....0.5-45 minutes  
**Drain cycle**.....0.5-10 seconds  
**Maximum Air Pressure** .....250 psig (17.25 bar)  
**Dimensions**.....4-3/4" x 3-1/2" x 2"  
 (121mm x 89mm x 51mm)  
 (Small size is a distinct advantage for drain valves.)  
**Weight** .....1-1/2 lbs.(680 grams)  
**Operating Temperature**  
 Fluid.....33°F-265°F (1°C-129°C)  
 Ambient .....4°F-125°F (-16°C-52°C)

**Manual Override**.....Yes  
**Seals** .....Viton  
**LEDs** .....Ultrabrights  
 (Significantly brighter than competitors'.)  
**Controls** .....Large, easy to read and adjust  
**Mounting**.....NPT or BSP connections  
**NEMA 4 (IP) Enclosure**.....Yes  
**Valve Plunger**.....18FM  
**Valve Body**.....Low lead brass (≤ 1/2%)



## The EDV-2000 Strainer/Ball Valve Assembly

- Prevents debris from clogging drain valves
- Hand turn isolation valve (1) (disconnects flow to valve)
- Trash trap hex cap (I-R exclusive) (2)
- Stainless steel filter screen, Part #38000154
- Maximum pressure 250 psi
- Brass body
- Height 3.30" (84mm), width 2.16" (55mm)
- 1/2" male NPT or BSP connection to air systems
- Available in 1/4" and 1/2" male NPT or BSP valve discharge connection

Size	NPT (Part No.)	BSP (Part No.)
1/4"	54381090	38002515
1/2"	37996337	38002523



Ingersoll-Rand Company  
 Air Solutions  
 Davidson, NC  
[www.air.ingersoll-rand.com](http://www.air.ingersoll-rand.com)