

Electronic Timer Drains

Condensate Management Solutions

The cost-effective EDV line of electronic drains are designed to automatically discharge condensate using an easy to operate built-in timer.



Reliable, 100% Continuous-duty Operation in a Compact Footprint

The reliable EDV is a cost-effective, user-friendly, automatic electronic drain valve with a compact footprint. This all-purpose valve removes condensate from compressors, receivers, dryers as well as from after coolers, filters and drip legs. Each EDV includes a y-filter with mesh screen and ball valve to help prevent clogging.

Simple Design

Condensate follows a serpentine path through a small orifice that is actuated by an electric timer. The length of time the drain is open and the frequency at which it opens can be adjusted manually by easy to operate dials. Depending on humidity and duty cycle, requirements for condensate discharge can be set and changed over time.

Simple Operation

Offered in a variety of outlet pipe and orifice sizes, this compact and reliable drain valve can meet system demands easily. Ultra bright LED lights alert the user when the power is on and the valve is open.

EDV Features

- **NEMA 4 (IP65) enclosure** for enhanced protection again water and particulates
- **CE & UL** agency approved components
- **Exclusive SBV hex cap** with whistle notch to alarm if strainer is being serviced under pressure Operates on demand zero air loss design for energy savings
- **Compact Size** for operation in confined spaces
- **Time on & time off dials** for easy adjustment to system demand requirements
- **Strainer/ball valve combination** prevents valve from clogging and allows for isolation when servicing
- **Test switch** for manual override to actuate the drain

Condensate Drain Offering		BEST
		
	BETTER	
		PNLD II
		<ul style="list-style-type: none"> • Robust pneumatic design • Large orifices, clog free • No electricity required • No consumable parts
GOOD		
		ENLD
		<ul style="list-style-type: none"> • Electronic control sensor • NEMA 4/IP67 rating • Easy maintenance
	EDV	
	<ul style="list-style-type: none"> • Timer controlled drain • Low initial investment • Easy to install 	

Simplified Condensate Solutions

The easy to use EDV electronic condensate drain comes with a diverse set of connection configurations and operates at both 110/120 V and 230/240 V, giving you a cost-effective option for a variety of applications.

EDV Specifications			
Feature	Data	Feature	Data
Timer Interval	0.5-45 minutes	Manual Override	Yes
Drain Cycle	0.5-10 seconds	Seals	Viton®
Maximum Air Pressure	250 psig (17.25 bar)	LEDs	Ultrabright
Dimensions	4.75" x 3.5" x 2" (121 mm x 89 mm x 51 mm)	Controls	Large, easy to read and adjust
Weight	1.5 lb (680 g)	Mounting	NPT or BSP connections
Operating Temperature		Enclosure NEMA 4 (IP)	Yes
Fluid	33°F-265°F (1°C - 129°C)	Valve Plunger	18FM
Ambient	4°F-125°F (-16°C - 52°C)	Valve Body	Low lead brass (≤ 0.5%)

EDV Drain Offering				
Part Number		Inlet Connection (NPT)	Outlet Connection (NPT)	Orifice (in)
110/120 V	230/240 V			
37995925	37995933	0.50	0.25	3/32
54410931	37995909	0.50	0.25	7/16
37995891	37995917	0.50	0.25	7/16

EDV Accessories & Components	
Part Number	Description
54381090	1/4" Male NPT Valve Connection
37996337	1/2" Male NPT Valve Connection
38000154	Stainless Steel Filter Screen



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