

BMV SERIES

Condensate Drain



MICROPROCESSOR OPERATED BALL VALVE

The BMV is the optimum condensate drain for difficult applications with high condensate flows and heavy particulate loads. With a wide, uncloggable ball valve operated by a powerful motor, and battery back-up for power outages, the BMV provides reliable, unstoppable condensate removal when other drains have failed.

With an operating pressure range of up to 720 psig, and connection sizes from 1/4" to 1", the BMV has a virtually unlimited capacity, making it suitable for any compressed air application using any type of compressor.

The BMV is controlled via a microprocessor with nine selectable timer settings. An LED indicator indicates the program selected, while a valve open light confirms drain operation. When you need reliable condensate removal, no other drain provides peace of mind like the BMV.



TIMER CONTROLLED



CLOG FREE



BATTERY BACK-UP

FEATURES

BENEFITS

Powerful actuator	Does not clog - ever. Perfect for difficult applications with high particulate loading.
Large discharge orifice	
No balance line required	Does not air-lock during operation
Adjustable timed operation	Fits any equipment at any flow rate
Optional battery backup	Closes valve during a power outage
Built in test function	Manually activate drain & verify operation
LED status lights	Visual verification of drain status
LED program indicator	Choose from 9 pre-set programs.
Remote contacts	Can be operated via a remote signal.

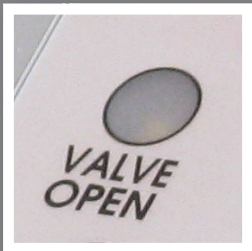
SPECIFICATIONS



Compact modern design



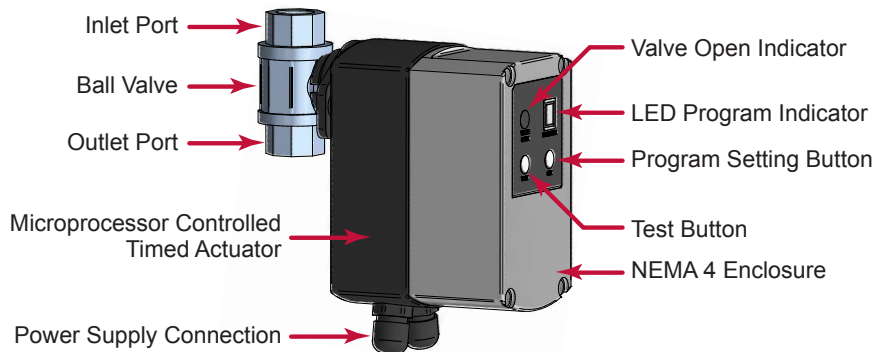
LED program indicator



Valve open indicator

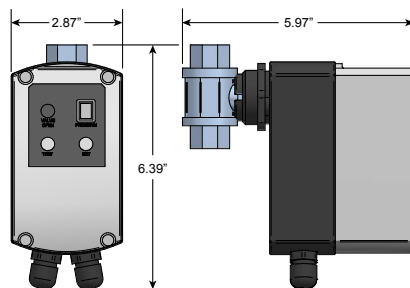


Nine pre-set programs



Maximum Compressor Capacity		Unlimited
Inlet / Outlet Connection Options		1/4", 1/2", 3/4" & 1" NPT
Discharge Valve	Orifice Diameter	12 mm
	Type	Motorized ball valve
	Valve Body Material	Standard: Nickel plated brass Optional: Stainless steel ⁽¹⁾
	Valve Ball Material	Stainless steel
	Seal Material	Viton (FPM) & Teflon
Operating Pressure	Minimum	0 psig
	Maximum	720 psig
Condensate Temperature	Minimum	34°F
	Maximum	140°F
Voltage Options	DC	12 or 24 VDC
	AC	24, 115, 230 or 380 VAC
Timer Range	Open	3 1/2 seconds to 15 minutes
	Closed	4 minutes to 24 hours
Battery Backup		4 x AA 1.5V batteries
Electrical Enclosure		NEMA 4 / IP65

(1) Available in 1/4" & 1/2" NPT connection sizes only.



Perfect for installations with:

- Heavy rust, scale or debris
- High operating pressures
- High condensate flow rates
- Corrosive environments
- Frequently blocked drains

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