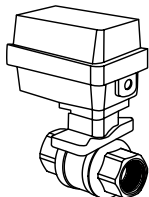
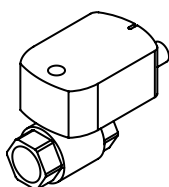


## Automated Purge Systems



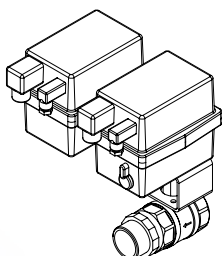
**MBV:** The MBV-series is an electrically operated normally closed motorized ball valve requiring power to open and close. Valve must be closed manually if it is open during a power failure. Solids flush from the separator purge outlet at a factory preset duration time of 12 sec – 1", 12 sec – 1-1/2", 11 sec – 2" and 25 sec – 3".

Motorized Ball Valve (MBV)									
Valve				Press/Temp		Actuator		Features	
Ball & Stem	Type	Body	Seat	Max. PSI	Max. Temp	Enclosure	Amps@115VAC	Standard Position Indicator	Manual Override
316 S.S.	Std. Port	Bronze	Durafil® PTFE	1"-2"=600psi WOG 3"=400psi WOG	150°F	1"-2"=NEMA 4 3"=NEMA 4X	1" to 1-1/2"=1.6 amps 2"=4amps 3"=3amps		



**MBVSR:** The MBVSR -series is an electrically operated normally closed motorized ball valve with spring return. Valve requires power to open and close under spring return Solids flush from the separator purge outlet at a factory preset duration time of 55 sec – 1", 150 sec – 1-1/2", 150 sec – 2" and 150 sec – 3".

Motorized Ball Valve Spring Return (MBVSR)										
Valve				Press/Temp		Actuator			Features	
Ball & Stem	Cv Rating	Body	Seat	Max. PSI	Media Temp. Range	Enclosure	VA@120VAC	Temp. Limits	Standard Position Indicator	Manual Override
316 S.S.	1"=30 1-1/2"=37 2"=240 3"=170	Forged Brass Nickel plate	PTFE	1"-3"=400psi WOG	0°F-212°F	NEMA 2 (Std.) NEMA 4 (Optional)	1"=7.5 VA 1-1/2" to 3"=11VA	-22°F to 122°F		

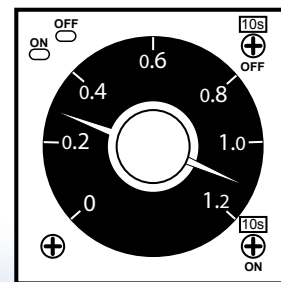


**MBVFS:** The MBVFS-series is an electrically operated normally closed motorized ball valve with an internal battery pack requiring power to open and close without using the internal battery pack. Valve will close under battery pack if a power failure occurs. Solids flush from the separator purge outlet at a factory preset duration of 14 sec – 1", 14 sec – 1-1/2", 12 sec – 2" and 30 sec – 3".

Motorized Ball Valve, Fail Safe (MBVFS)									
Valve				Press/Temp		Actuator		Features	
Ball & Stem	Type	Body	Seat	Max. PSI	Max. Temp	Enclosure	Amps@115VAC	Standard Position Indicator	Manual Override
316 S.S.	Full Port	316 S.S.	Reinforced Teflon® 15% GFT	1"-2"=800psi WOG 3"=1000psi WOG	150°F	NEMA 4X	1" to 3"=0.4 amps	Built-in trickle charge and auto battery re-charge	Charge indicator light

**CYC TIME:** Cycle timer is a solid-state repeat. Combinations of independent long or short ON/OFF time settings are possible. Fourteen time ranges from .05s to 30h or 1.2s to 300h.

Cycle Timer					
Operating Mode	Supply Voltage	Indicator	Approvals	Ambient Operating Temp	Humidity
ON Start	120 VAC	Output "ON" (Orange LED) Output "OFF" (Green LED)	UL, CSA, CE	-14°F to 131°F	35% - 85%



CYC TIME