

## Motorized Diverter Valves

These industrial-quality motorized ball valves are ideal for switching between harvested rainwater and public water supplies when used with a backflow valve on the public water side. A gear-driven electric actuator rotates the valve 90° to connect the center port to either one of the end ports. Valve construction is 316 stainless steel for optimal corrosion resistance with PTFE seats for low operating torque. Standard sizes are 1", 1-1/4", 1-1/2", 2", and 3". All but the 3" have full ports for significantly lower pressure drop (higher CV) than standard 3-port valves.

The actuators housings are rated IP67 (NEMA 6) and are suitable for exterior use above ground or in well-drained underground vaults. Standard motors are 24v AC/DC, simplifying wiring and minimizing electrical hazards in wet environments. Other features include an electronic torque limiter, internal anti-condensation heater, internal limit switches, and a manual override knob. Where it is essential that water always be available, the actuator can be supplied with an internal rechargeable battery and trickle charger that will automatically switch the valve to the public water supply in the event of a power failure.



### PHYSICAL CHARACTERISTICS

Size	Ports	CV	H	L	D	P1	P2	Power (AC-DC)
1"	1"	30	12"	4-1/2"	7-1/4"	1-1/4"	2-1/4"	43va - 29w
1-1/4"	1-1/4"	47	12-1/2"	5"	7-1/4"	1-1/2"	2-1/2"	43va - 29w
1-1/2"	1-1/2"	70	14"	6"	8-1/4"	2"	3"	43va - 17w
2"	2"	133	15-1/4"	7"	8-1/4"	2-1/2"	3-1/2"	43va - 29w
3"	2-1/2"	266	16-1/2"	7-3/4"	8-1/4"	2-3/4"	4"	43va - 29w

