

GreenSmart 6"-12" Rainwater Bypass Diverter Valves

Product Data Sheet



6" - 12" Actuated

6" - 12" Dual Actuated*

Standards



IAPMO ANSI Z1059-2024



ANSI B16.5



Rainwater Diverter Valves

- Listing: IAPMO R&T Tested & Listed
- Standard: IAPMO ANSI CAN Z1059-2024
- To be used for collection and diversion for Alternate Nonpotable Water Source Reuse Systems where large flows are required, such as but not limited to rainwater, stormwater, cooling tower, recreation water, fire suppression, and runoff.
- Body Material: PVC
- Sizes: 6", 8", 10", 12" Full Port
- Pressure: Valve sizes 6" & 8" 150psi @73°, 10" & 12" 75psi@ 73°
- Seats: Disc Liner EPD
- Seals: O-rings EPDM
- End Connections: Flanged Style-Socket, ANSI 150, ANSI B16.5
- Flanges: 1-Hub, 1-Spigot
- Markings: Model#, Size, Material Designation. Markings to indicate Flow Direction, Inlet, Diversion Outlet, Overflow Outlet to be included and applied by installer prior to inspection.
- Actuated valves may be installed sideways
- A debris filtering device installed upstream from the valve may be required for rainwater systems. Check with your local AHJ.
- Not for use in Sanitary Waste Systems

Electric Actuation

- UL Approved: E303174
- Normal Voltage: 24Vac
- To be powered by UL Class 2 Power Source (See Power Supply Data Sheet - Manufacturer's Product Information)
- Absorbed Current: Single - 2.0 + A
- Absorbed Current: Dual - 6.0 + A*
- Duty Rating: 75%
- Rotation: 90 degrees
- Case: 1P 67, NEMA 44x Indoor Use
- Aluminum housing (full NEMA 4x) available
- Manual Intervention: Standard
- Torque Limiter: Standard
- Positioner Circuit: Standard
- Battery Fail Safe: Standard (Fail Safe Position programmed at factory)
- Additional Free Limit Switches: Standard
- Cycle Times: 6" VB100 10-27sec. 8"-12" VB270 50sec.
- Position Indicator Light Circuit: Standard, Internal
- Can be wired or activated with toggle switches, float switches, sensors, timers, alarms, and LEDs. BMS friendly

Shipping Note

Diverter valves will ship in kit form, unassembled. Valve, actuator, battery back-up, fail safe position to be assembled and programmed at the factory. Select open or closed fail safe position on the order form. Flanges: 1-hub, 1-spigot and wye to be assembled in the field as needed.

Manufactured by IPEX