



GreenSmart 6"-12" Rainwater Bypass Diverter Valves

Product Data Sheet



6"-12" Actuated

STANDARDS



ASTM D1784



IAPMO IGC352-2018



ANSI B16.5



Manufactured By IPEX

Rainwater Diverter Valves

- Listing: IAPMO R&T Tested & Listed
- Standard: IAPMO IGC352-2020
- 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 prior to inspection by installer.
- Actuated valves maybe 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: 1.0A • Duty Rating: 75% Rotation: 90 degrees
- Case: IP 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, failsafe position to be assembled and programmed at the factory. Select open or closed failsafe position on the order form. Flanges: 1-hub, 1-spigot and wye to be assembled in the field as needed.