

GreenSmart Series Butterfly PVC Diverter Valves

Product Data Sheet



STANDARDS



ASTM D1784



IAPMO IGC-352-2018



ANSI B16.5



Manufactured By IPEX

Butterfly Valves

- Listing: IAPMO R&T Tested and Listed, (PENDING)
- Standard: IAPMO IGC 352-2018
To be used for Rainwater and Stormwater in Alternate Nonpotable Water Source Systems
- Body Material: PVC
- Size: 6", 8", 10", 12" full port sizes
- Pressure:
 - All valves sizes 2-1/2" - 8" shall be rated at 150 psi at 73°
 - All valves sizes 10" -12" shall be rated at 75 psi at 73°
- Seats: Disc liner of EPD
- Seals: O-ring seals of EPDM
- End Connections: Flanged Style-Socket, ANSI 150, ANSI B16.5
- Actuation: 24vdc, UL approved Class 2
- Fail Safe, Battery Back-up: Standard
- Markings: model #, size and material designation. Markings to indicate Flow direction, Inlet, Diversion Outlet and Overflow Outlet to be supplied and applied during installation.
- A debris filtering device installed upstream from the valve may be required. Check with your local authority having jurisdiction.

Electric Actuation

- UL Approved E303174
- Normal Voltage: 24V ac/dc
- To be powered by UL Class 2 Power source supplied by installer.
- Absorbed Current: 1.0A
- Duty Rating: 75%
- Case: IP 67, NEMA 4X Indoor use
- Aluminum housing (full NEMA 4X) available from factory
- Rotation: 90 degrees
- Manual Intervention: Standard
- Battery Fail Safe available from factory.
- Torque Limiter: Standard
- Positioner Circuit: Standard
- Additional Free Limit Switches: Standard
- Cycle Times: 6" VB1 10-27sec., 8"-12" VB270 50 sec.
- Position Indicator Light Circuit: Standard, but internal to the actuator
- Can be wired and activated by toggle switches, float switches, timers, alarms, smart phone apps, and LEDs.

Diverter will ship in kit form, wye, and valve body, not assembled. Valve, actuator, and battery back-up will be pre-assembled at the factory.