

# GreenSmart 6"-12" Large Flow Diverter Valves

## Product Data Sheet



6"-12" Actuated

### STANDARDS



ASTM D1784



IAPMO IGC352-2018



ANSI B16.5



Manufactured By IPEX

### Rainwater Valves

- Listing: IAPMO R&T Tested and Listed
- Standard: IAPMO IGC352-2018  
To be used for collection and diversion for Alternate Nonpotable water Source Systems where large flows are required.
- 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
- 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: Standard
- 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 valves will ship in kit form, wye, and valve body, not assembled. Valve, actuator, and battery back-up will be pre-assembled at the factory. The battery backup default can be configured to either the open or closed position at the factory. Select open or closed at the time of order.