

RAINWATER RE-USE SYSTEMS

TANK FULL DIVERSION SYSTEM

FEATURES

The packaged First Flush and Tank Full Diversion system will close the diversion valve when the storage tank is full and during the first flush rainfall period. Mounted on a galvanised steel floor and wall mountable base plate.

DIVERSION VALVE:

- > Flanged wafer configuration
- > Ductile iron body, stainless steel disc, EPDM seat
- > Pneumatic actuator with rack and pinion drive
- > Fail safe spring return operation for automatic closure during loss of power
- > 20m of flexible pneumatic drive line tubing with push-fit end connections
- > DWV flanged adaptors and fastener set

LEVEL SENSOR:

- > HYFLOW® differential float level switch
- > 10 metre H07RFN submersible rubber cable
- > Cable plug-in connection to controller

CONTROLS:

- > Designed to close the valve when the storage tank is full

- > Powder coated steel lockable enclosure
- > Lockable mains supply isolator switch
- > Circuit breaker protection
- > Safety 24 volt low voltage control circuit
- > Storage tank float switch connection sockets
- > Indicator light for: power on, storage tank full, diversion valve open and diversion valve closed

AIR SUPPLY:

- > Oil free reciprocating piston compressor design with receiver tank
- > 240volt, 0.75kW direct flange mounted motor
- > 72dBa at 1m quiet operation
- > Air supply filter and pressure regulator
- > Low voltage air solenoid control valves



25 YEARS INDUSTRY EXPERIENCE

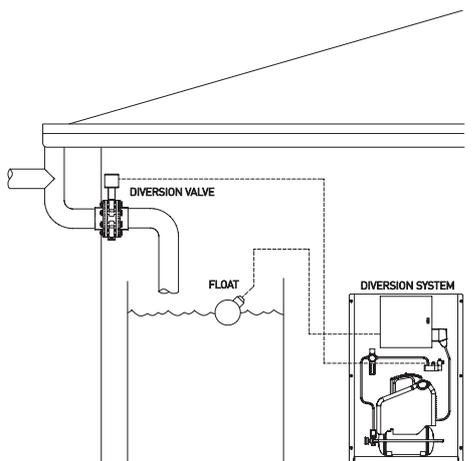
RANGE

| PIPEWORK RANGE | PRODUCT CODE | CONNECTION | DIMENSIONS | | |
|----------------|--------------|------------|------------|-------|--------|
| | | | WIDTH | DEPTH | HEIGHT |
| 100mm | 800016 | DWV | 660mm | 370mm | 1000mm |
| 150mm | 800017 | DWV | | | |
| 225mm | 800018 | DWV | | | |
| 300mm | 800019 | DWV | | | |

NOTE

1. Systems can be customised to suit any application (including multiple valve systems)

TYPICAL ARRANGEMENT



| APP ADVICE | FEATURE | BENEFIT |
|---|--|--|
|  | Anti-tamper / Weather Cover | Protecting the pump system from weather and adding security protection |
| | Diversion Valve back-up and alarm system | Offers redundancy and warning for valve change-over failure |

