

RAINWATER RE-USE SYSTEMS

FIRST FLUSH & 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 and 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

RAIN SENSOR:

- > Optical moisture detector
- > Loose supplied for installation in an appropriate location on site

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
- > Rain sensor connection terminals
- > 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

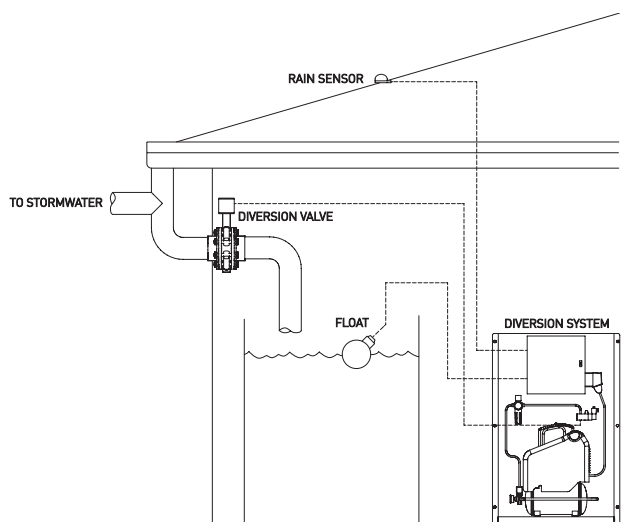
RANGE

PIPEWORK RANGE	PRODUCT CODE	CONNECTION	DIMENSIONS		
			WIDTH	DEPTH	HEIGHT
100mm	800010	DWV	660mm	370mm	1000mm
150mm	800011	DWV			
225mm	800012	DWV			
300mm	800013	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

