

WFS- 50mm Water Filling Station

WFS- 50MM WATER FILLING STATION

Convenient BULK WATER DISPATCHING Solution...



Features

- * Provides a cost effective solution for permanent or temporary bulk water use
- * Supports up to 500 users per WFS
- * Sends meter readings by SMS at pre-programmed interval using GSM/GPRS network
- * Fully self contained, only requires 50mm water connection
- * Low maintenance design
- * Battery powered. NO EXTERNAL POWER REQUIRED
- * Fully serviceable in-situ
- * Housed in a sturdy wall or pole mountable steel enclosure

Overall, the WFS stands out as the most comprehensive, durable, and cost effective way of providing a cashless water dispatching system for Utilities.

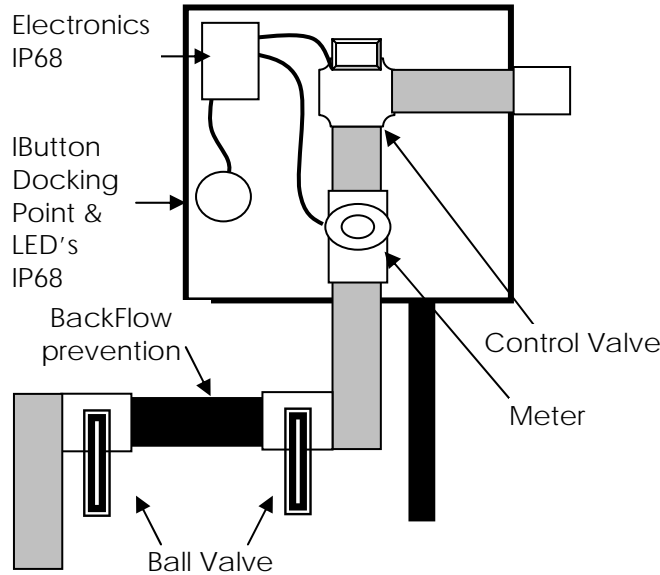
The **WFS** system is a totally scalable solution for the dispatching and charging of water to multiple users. The **WFS** has been developed to aid the management of bulk water dispensing on a permanent or temporary basis. The **WFS** is totally self contained and requires no external power or communication wiring.

Designed for the harshest of environments, the **WFS** does not have any openings for dirt and tampering, significantly reducing the maintenance costs. Each **WFS** can support up to 500 users and can be restricted to access only authorized WFS'.

The media used to authorize access is a stainless steel iButton, which unlike smart cards and swipe cards with an average life span of 8 months, the WFS iButton is rated for 10 years or 10 000 transactions. Users can operate on either a credit or debit basis, with overnight updates occurring automatically via the battery powered GSM modem.

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Dimensions

Height	600mm
Width	600mm
Depth	300mm
Weight	20Kg

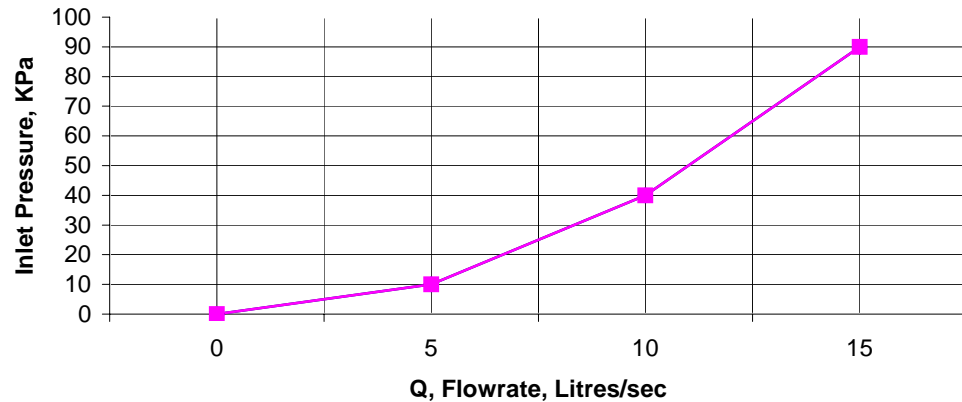
Materials

Housing	Powdercoat Steel
Meter	Epoxy Coated CI
Control	Epoxy Coated CI
Fittings	DZR Brass

*** Typical installation schematic. Backflow prevention device and inlet isolator NOT INCLUDED***

The *WFS* is constructed from compatible and proven electronic and hydraulic components. Each unit is fully assembled and tested, and is self contained with a sturdy IP rated steel enclosure.

Approximate Dispensing Rates



Normal Size 50mm

Standards Meter Elements to AS 3565.1

Maximum Recommended Flowrate 15 L/sec

Control Valve Cast iron, epoxy coated, DC latching solenoid

Controller Batter Powered, GSM/ GPRS communications

Connections and Ratings

Inlet Connection 50mm F BSP

Outlet Connection 50mm F BSP

Metering Element 50mm Helix, Class 2