

An intelligent combination of the world's most successful domestic water meter and cutting edge electronics offering more than just metering. Now you can measure, monitor and control - in real time.

wateron™

Not Just Metering



High accuracy in any orientation

Based on the volumetric rotary piston measurement principle, WaterOn series of water meters offer the highest levels of accuracy, whether the meter is installed horizontally, vertically, at an incline or upside down; even at very low flow rate.

No reading required

Although the meter has a fully sealed and liquid filled counter, you will never need to go to the meter to take a reading. The onboard electronics continuously counts your consumption and reports it to the web server wirelessly using Nuclious™ and SmartHomes™ web platform.

Tamper proof operation

WaterOn water meters are able to detect and report any tampering attempts in real time. In the event of the tampering, consumption data remains safe on the on board memory and can be retrieved securely.

Wireless communication

The meters talk to the web server using cutting edge, energy efficient wireless technology. WOS series water meters utilise solar energy for their operation. They communicate over RS485 channel to their nearest ZigBee® wireless hub which connects to the Nuclious.

Key features

- Unparalleled accuracy and performance, in any angle
- Industrial plastic shell, solid and robust design
- Revolutionary grooved piston for improved performance and long life.
- In built non return valve
- Ultra low energy electronics design enhances life and performance
- In-built data storage for a minimum of 45 days of consumption
- Daily health ping reports the health of the metering system
- Real time monitoring reports any leakages or unusual consumptions
- Optional remote operable valve allows control on flow of water in the events of unusual consumption



High performance and reliability through better materials

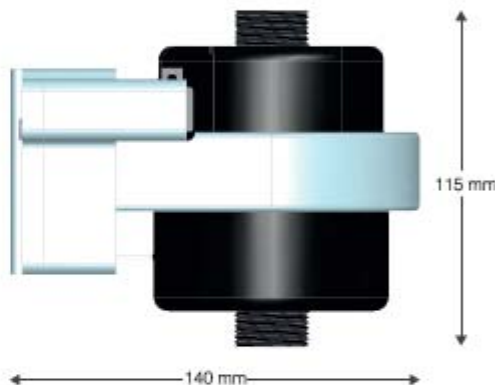
WaterOn meters have a unique grooved piston within the meter measuring chamber to significantly reduce meter stoppages, enhance durability and improve performance. The co-polymer resin manufactured body enables it to be used in harsh water conditions without affecting its performance.

Use of advanced engineering plastics for the measurement chamber minimises wear and maintains reliability under all operating conditions.

Compliance with standards

Available in sizes from 15mm to 40 mm, WaterOn meters offer brilliant performance to IS4064 Class C. This product offers high accuracy, long life, low maintenance and tamper proof operation.

The meters are type tested and certified by FCRI, Palakkad, India, a premier globally recognised organisation.



Technical Specifications

Size of the meter	DN	15	20	25	
Meter thread size	inches	3/4	1	1-1/4	
Max flow	Q_s	m^3/h	3	5	7
Nominal flow	Q_n	m^3/h	1.5	2.5	3.5
Transitional flow	Q_t	l/h	22.5	37.5	52.5
Min flow	Q_{min}	l/h	15.0	25.0	35.0
Min reading	m^3	0.0001	0.0001	0.0001	
Max reading	m^3	9999	9999	9999	
Battery type & capacity	Rechargeable Li-Pol / 900 mAh (only for back up)				
Communication	Hybrid	RS485 & 2.4 GHz ZigBee			

ZigBee® is registered trademark of ZigBee Alliance

Due to continuous innovation and improvements, the design and specification can change without prior intimation.

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Distributor seal