

VF600 Flow Control Valve



3 modes of flow
constant flow, timer,
batch controller

Optional Wi-Fi
communication mode

APP remote
Management

Protection
level: IP54

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PRODUCT INTRODUCTION

With the promotion of carbon neutral, environmental protection, low carbon and other strategic concepts, people's awareness of energy saving is gradually increasing. In the current relative shortage of water resources, how to save water, improve the utilization rate of water resources, becomes an urgent question.

The VF600 Flow Control Valve is an intelligent device. It controls the flow rate by 3 modes: constant flow, timer, batch controller, and intelligently controls the valve opening, improving the utilization rate of water resources.

APPLICATIONS



- Household Water Metering
- Building Water Metering
- Municipal Gardening
- Agriculture Irrigation
- Farm Irrigation
- Automatic Car Wash
- Inland Aquaculture System
- Golf Course Water Metering

APP INTRODUCTION

The VF600 flow control valve transmits data to the cloud server through the Wi-Fi network. Due to the use of the MQTT protocol, the server will not retain the data, ensuring the security of your data.

The phone app is called MeterTube, you use it to configure the network for the VF600 flow control valve, as well as check and monitor the flow data.

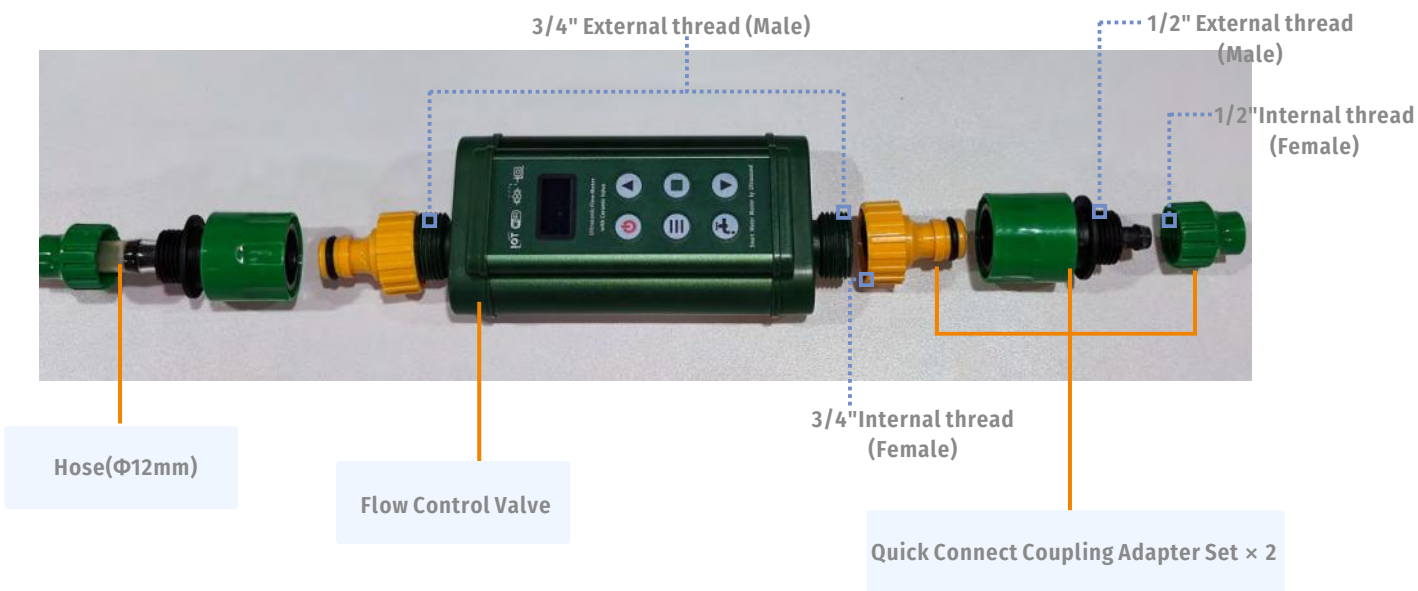


PRODUCT FEATURES

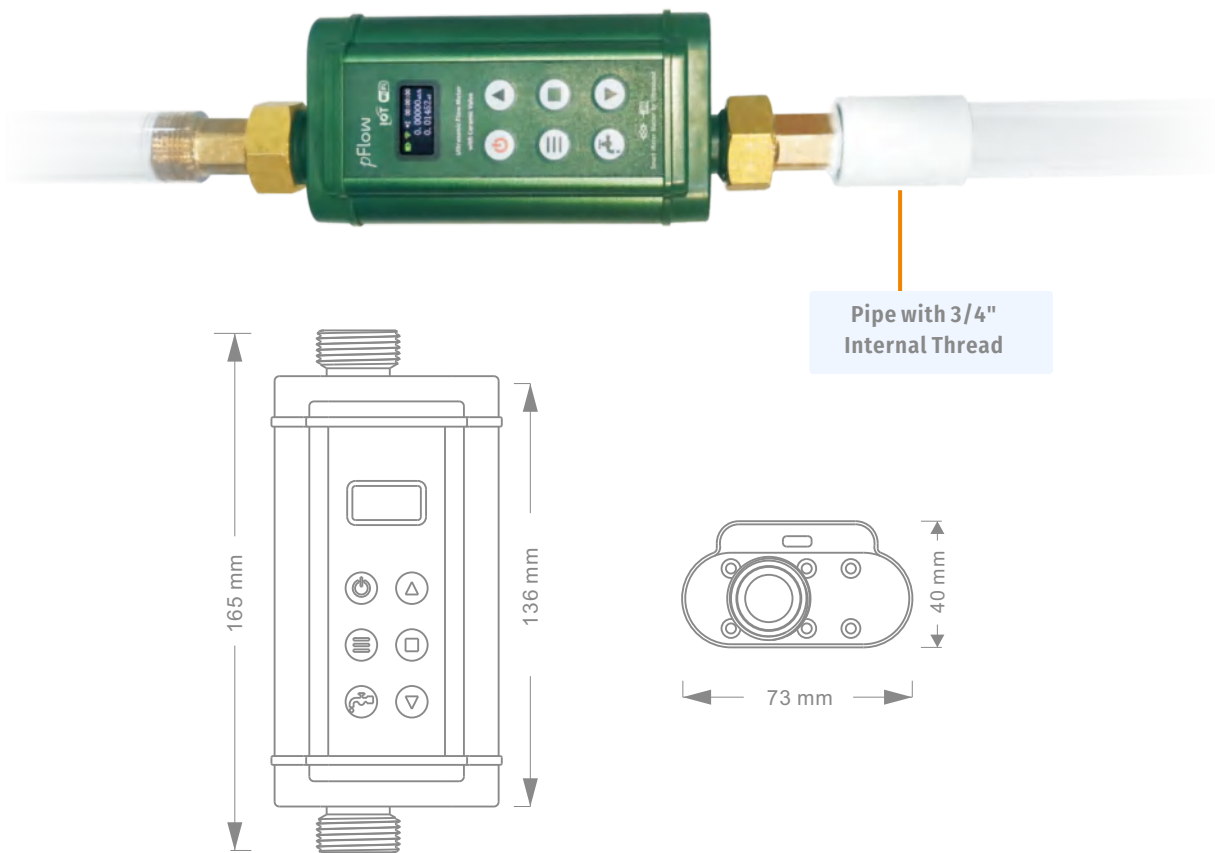


HOW TO INSTALL AND USE

Installation Mode A:
Connecting to the small size hoses or water faucet with the Quick Coupling Adapter Set.



Installation Mode B:
Connecting to the pipes directly with screw thread connection.



TECHNICAL PARAMETER

Performance Specifications	
Measurable range of velocity	0~3m/s
Range of pipe diameter	Mode A: Φ12mm Hose Mode B: Pipe with 3/4" Thread
Measured medium	Water
Product material	UPVC-100% Green
Function Index	
Input	Type-C Port for power supply, charging
Output	Type-C Port for communication with smart phone
Wi-Fi	Range of frequency 2400~2483.5MHz
	Theoretically, the transmission distance can reach 40 meters in open environment
Power supply	External 5V, 2A power adapter for power supply or charging; Built-in 3.7V lithium battery
Keyboard	6 keys
Display screen	0.96" LCD display, resolution ratio 80*160
Temperature range	Ambient temperature: 5~55℃ Fluid temperature: 0~60℃
Humidity	Relative humidity 93%, no condensation
Pressure rating	1.0 MPa
Protection grade	IP54
Installation method	Threaded connection 1/4"adapter + 3/4"(Male) Inlet & Outlet
Physical Characteristics	
Transmitter	All-in-one
Transducer	Inline
Cable	Type-C cable, standard length:1m
Weight	1KG