

PRODUCT OPERATION

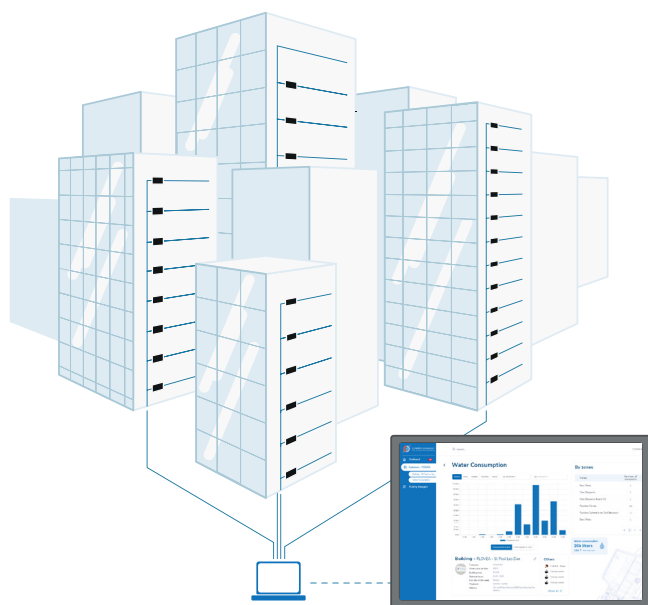
The **PREDICTIVE FLOWBOX®** is a device which aims to control a plumbing network in an apartment, residence, house, warehouse, hotel, office, etc.

The **PREDICTIVE FLOWBOX®** is designed to manage the general water network of a building, equipped with a solenoid valve, a flowmeter and a temperature sensor, it reads and analyzes the general water consumption and can inform the user in case of leakage or abnormal consumption. It is then possible, if necessary, to shut off the water network remotely. Automatic closure can be programmed when building is unoccupied.

FEATURES

The **PREDICTIVE FLOWBOX®** is equipped with an electronic card that allows to manage the different components in the device and to ensure a communication with the network in order to allow the user to manage his device through the APP.

The **PREDICTIVE FLOWBOX®** is available in two versions. The ½" and 1" version. The elements that differ from one version to the other, only concern the plumbing, no influence on the electronic part.



FT-FBX-EN-1224-1-E

SPECIFICATIONS

Electrical / connectivity

Supply	Input 100-240VAC-50/60 Hz, Output 12VDC/1.5A
Power Consumption	18W
Wifi	2.4 ~ 2.5 GHz - 802.11 b/g/n/e/i (802.11n up to 150 Mbps)
Ethernet Speed	> 10Mbps
Connectivity Mode	DHCP, Static

Flow

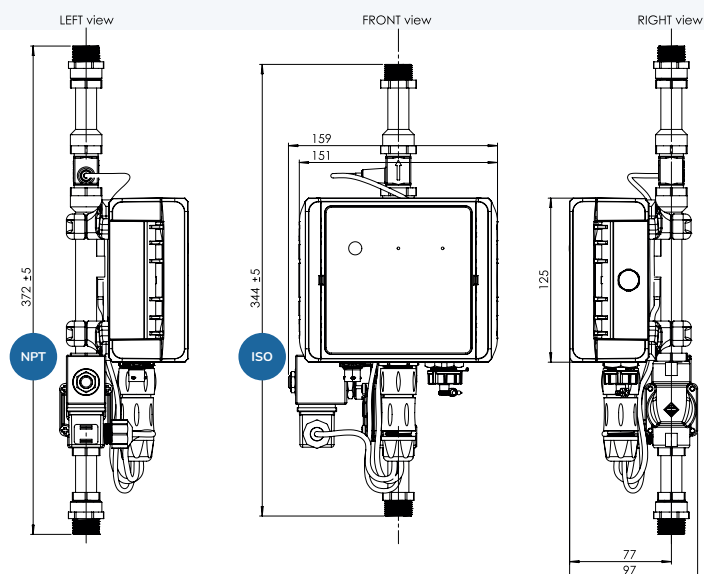
	½"	1"
Flow range	1 to 30 l/min	1 to 60 l/min
Flow accuracy	±1 % of range	
Water range	0 to +80°C	
Pressure	0.2 to 16bar	

Size (see next page)

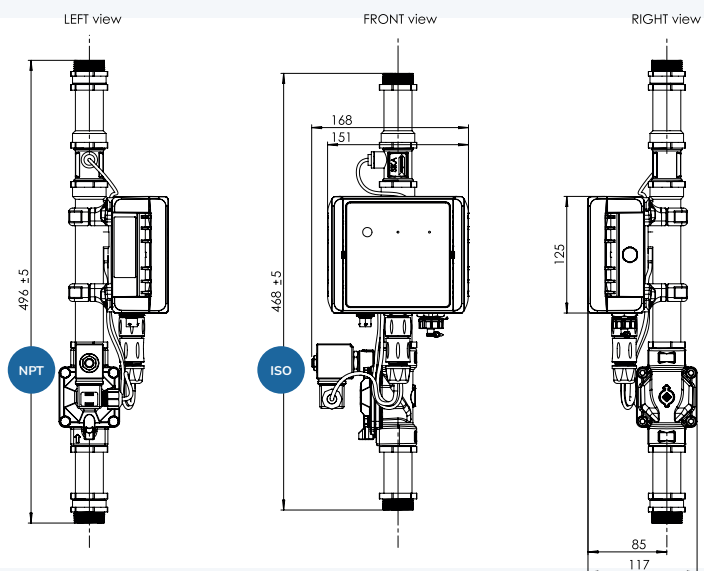
	½"		1"		2"
	ISO	NPT	ISO	NPT	ISO
Dimension (mm) (HLP)	344x168x98	372x168 x98	468x168x117	496x168x117	576x183x151
Weight (kg)	1.490	1.470	2.650	2.750	12.88
Installation Spacer (included)	344mm ±5	372mm ±5	468mm ±5	496mm ±5	576mm ±5
Fitting	½" ISO/NPT (brass chrome)		1" ISO/NPT (brass chrome)		1" ISO/NPT (brass chrome)
Temperature	0 to +80°C				

Size - development plan

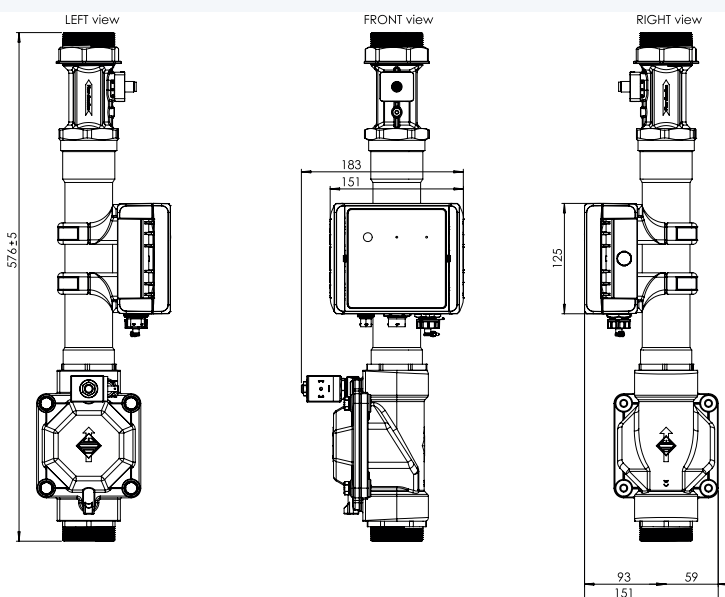
1/2" version



1" version

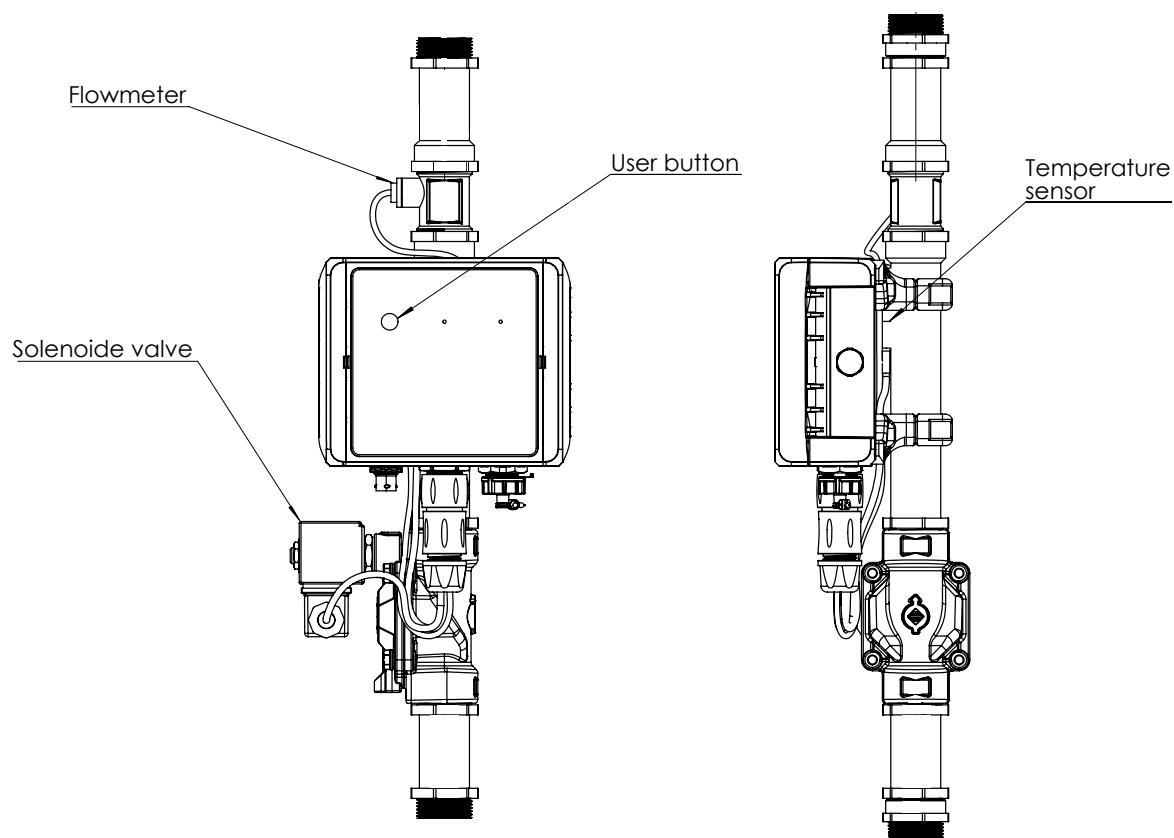


2" version

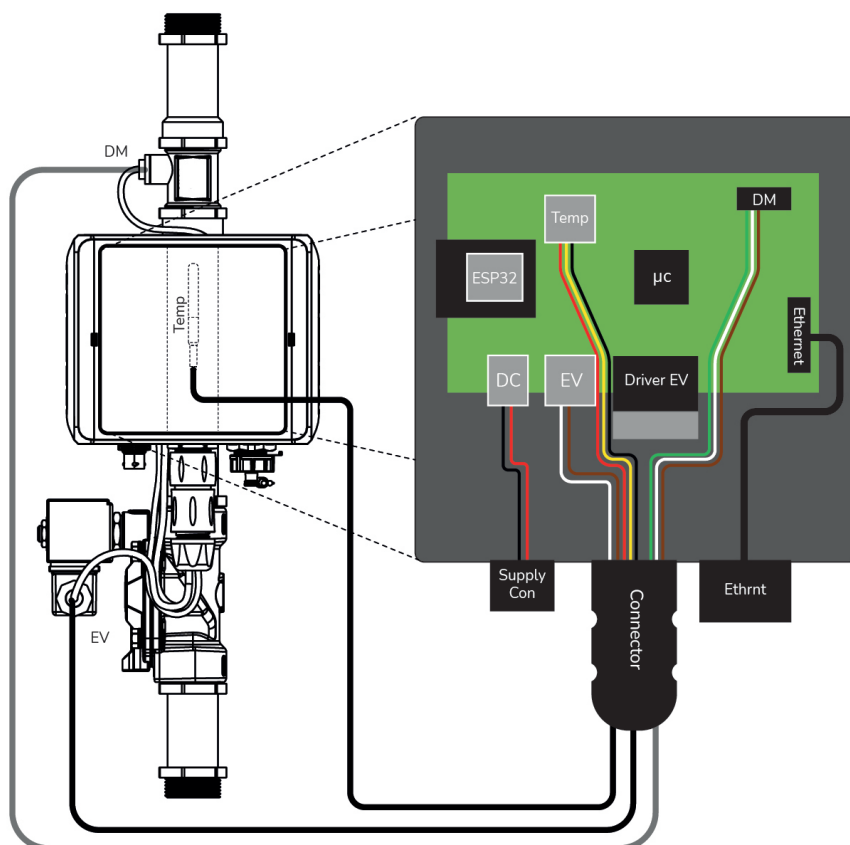


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Hardware

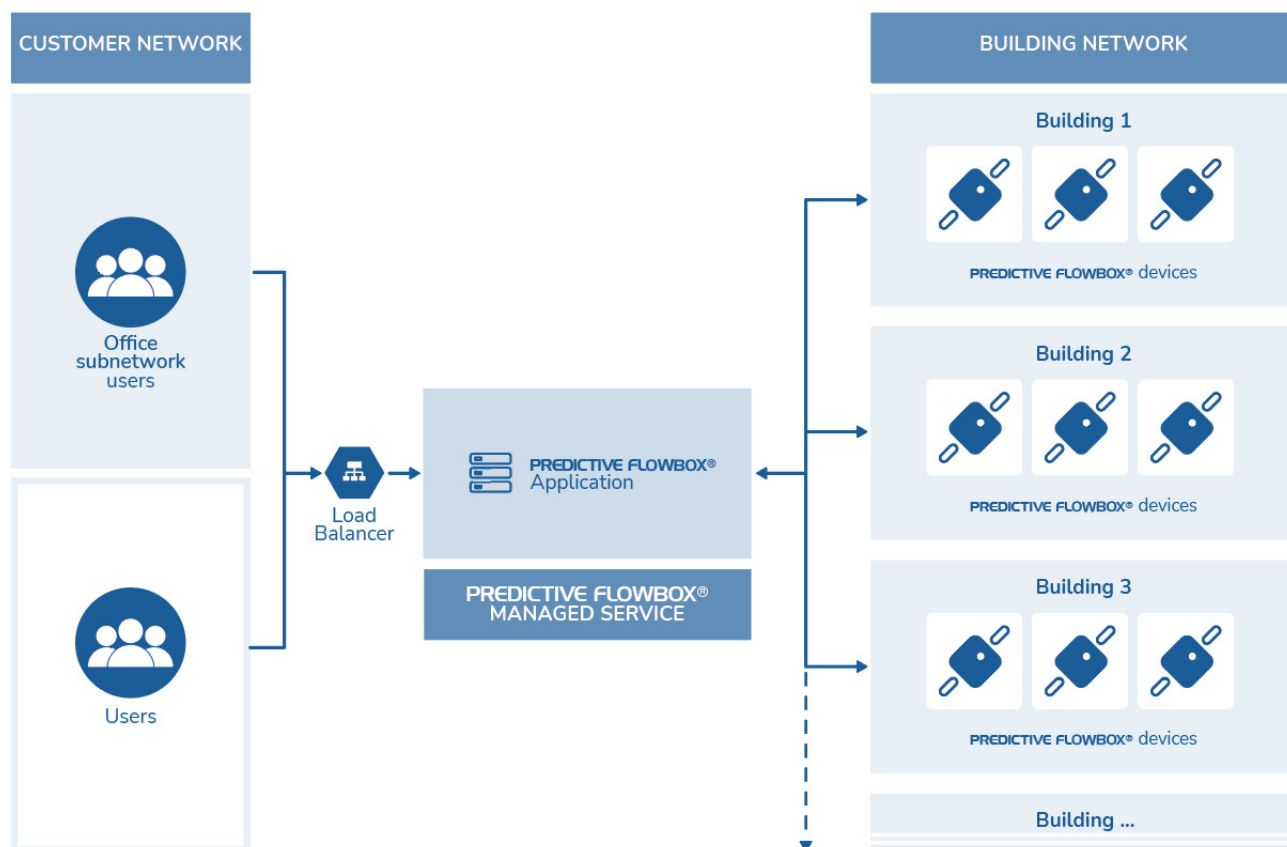


Internal schematic diagram

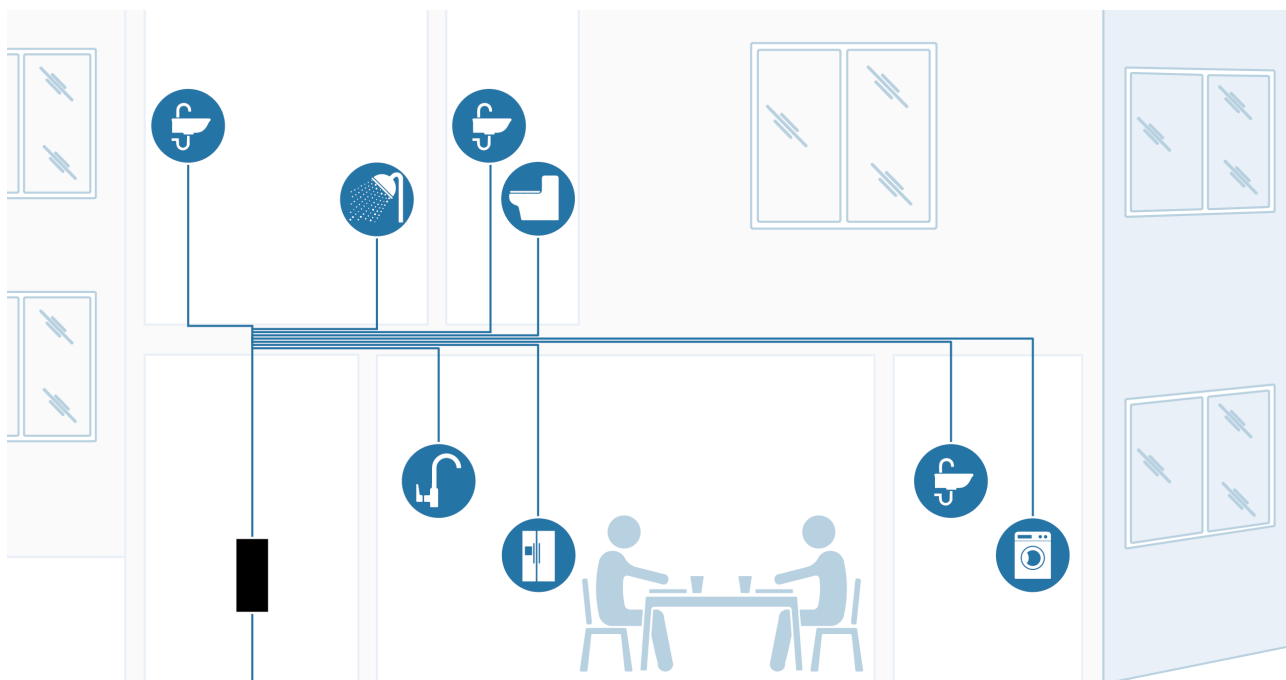


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Managed or hosted service architecture



Schematic diagram



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