


FRANKEVER®

Smart Water Valve

User Manual

Model No.: FK-BV05



FrankEver Smart Water Valve

With Water Meter&Water Temperature Function

Materials: SS304 & Engineering Plastics

Valve Size: DN15,DN20,DN25,DN32

Screw Thread: NPT BSP

Max pressure: 1.0Mpa

Input Voltage: DC5V 2A

Daily Water Volume Range: 0-5000L

Water Temp Range: 0-100℃

Waterproof : IP65

Water Unit: L/Gallon

Water temperature: ℃/℉

Control Methods:

App control, Touch Button Operation

APP cloud timing, Countdown

- 1 -


Downloading the APP

Scan the QR code or search SMART LIFE app from Apple store or Google play to install.

Once installed, please register in APP with your phone number or email.

Downloading the App

Smart Life



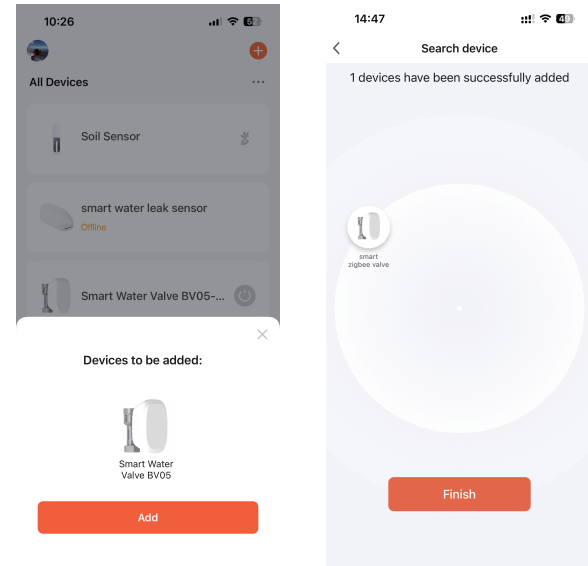
- 2 -

Installation Tutorial for Wifi Type Water Valve

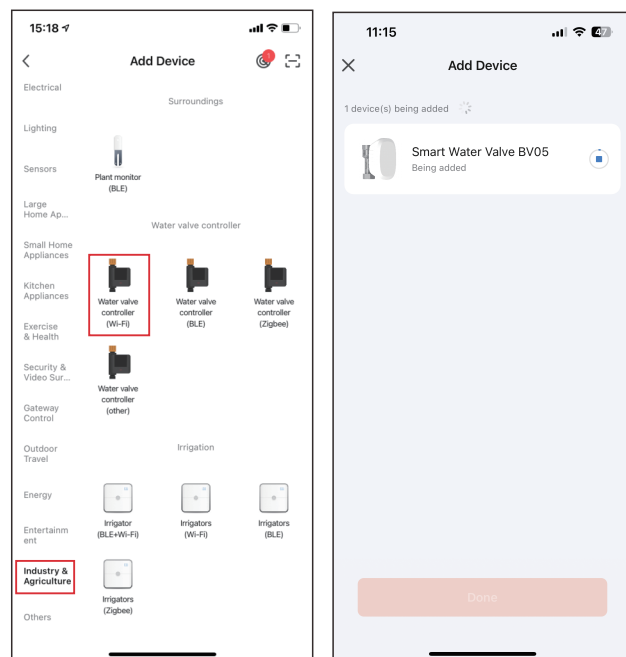
Notice: Before connection, ensure your mobile phone with Internet and Bluetooth is on!

Once installed, please register in APP with your phone number or email.

Option 1: Long press the manual button on water valve for 5s until the indication with blue light in quick flash, then you can see the device pop up in APP to be added, press ADD to finish connection.



Option 2: When device is under connection status, click + in right upper corner to add device, choose "water valve" from Industry & Agriculture, then the app start to scan the devices around, you can choose correct device and add by steps.

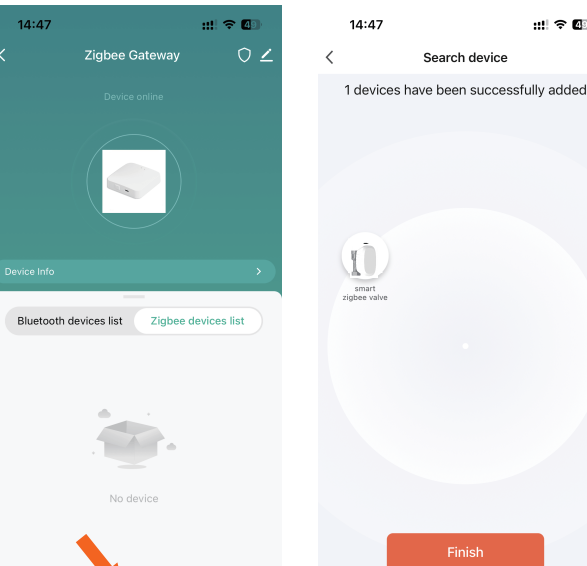


- 3 -

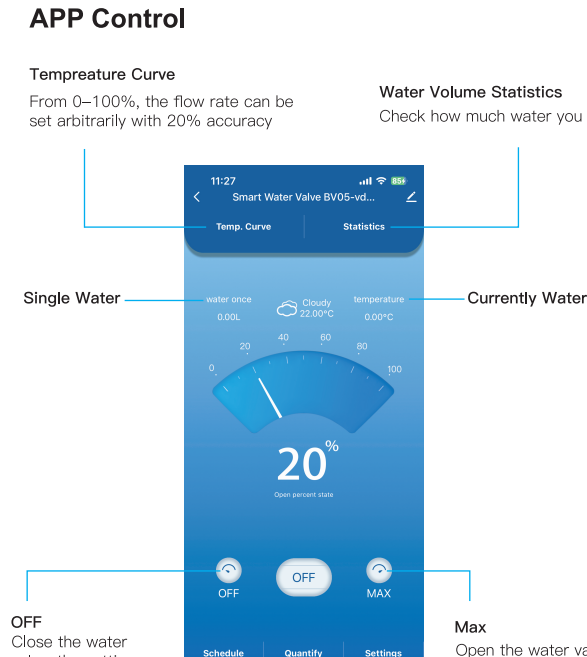
Installation Tutorial for Zigbee version water valve

(Ensure you have zigbee gateway together, which requested to use together with our water valve)

Option 1: Long press the manual button on water valve for 5s until the indication with blue light in quick flash, then you can see the device pop up in APP to be added, press ADD to finish connection.



Option 2: When device is under connection status, click + in right upper corner to add device, choose "water valve" from Industry & Agriculture, then the app start to scan the devices around, you can choose correct device and add by steps.



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APP Control

Temperature Curve

From 0-100%, the flow rate can be set arbitrarily with 20% accuracy

Water Volume Statistics

Check how much water you use

Single Water

Currently Water Temp

OFF

Close the water valve, the setting value is 0%

MAX

Open the water valve, the setting value is 100%

Quantify

You can set up the definitive water volume

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Water Consumption Statistics

Record Real-Time Water Consumption,you can check water usage volume in each day, each month, each year

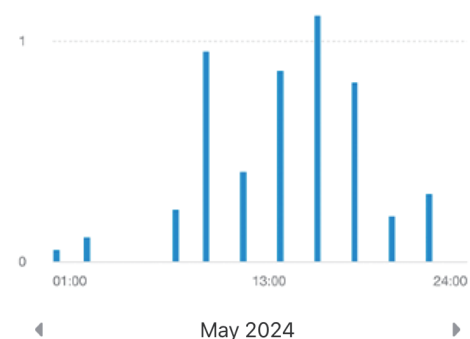
Day

Month

Year

135.05 L

Daily Water UsageL



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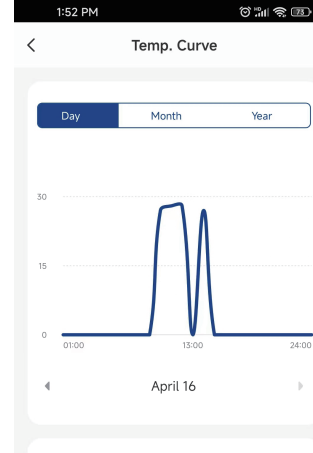
Water Temperature Curve

Real-time water temperature change monitoring


Day

Month

Year



Irrigation Records



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Quantify

Just set up the single use water yield or daily use water yield on app, the water valve will be off automatically when the water usage yield over the setted water usage volume.

Single Use: 0-1000L

Daily Use: 0-5000L

Quantify

Single use

Water yield

378.00L

Daily water usage

Water yield

1704.00L

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Schedule&Countdown

Timing determine the work plan of schedule water valve that sets in a timetable.

Repeat

Note

Regulating water volume

0%

Countdown

00Hour 03Minute

Cancel

Sure

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Alarm Function:

Water Volume Alarm: You can set up the value(0-5000L) and remind you on or off.

Water Temperture Alarm: You can set up the value(0-120℃) and remind you on or off.

Water usage alarm

Water temperature alarm

Water yield

5000.00L

0℃

120℃

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Power Failure Protection:

The valve is preset to shut off automatically if power failure, and you also can change the preset in SETTING.

Settings

Power failure status

OFF

ON

Remember last status

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Automation Function

Scene 1 : Water valve off automatically based on the setting condition of water temperature .

Create Scene

Smart Water Valve BV05-video

temperature >55℃

Then

Smart Water Valve BV05-video

Switch Off

Save

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Scene 2 : Water Leak Protection

If you have FrankEver Smart Water Sensor, you can set up valve automation with our water sensor to prevent water leak.

Automation

Tap-to-Run

Smart water leak sensor

Smart Valve

Irrigation controller 2

Irrigation controller

Turn off the power when I leave

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How to use automation function with smart water leak sensor:

Step 1: Make sure you already paired the water sensor and water valve in same app successfully.

Automation

Tap-to-Run

Smart water leak sensor

Smart Valve

Irrigation controller 2

Irrigation controller

Turn off the power when I leave

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Step 2: Press " scene ", Then press "+" at upper right corner to create a scene successfully.

Create Scene

Launch Tap-to-Run

When weather changes

When location changes

Schedule

When device status changes

Change Arm Mode

When Alarm Triggered

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Step 3: Set a condition on water leak sensor

Create Scene

Launch Tap-to-Run

When weather changes

When location changes

Schedule

When device status changes

Change Arm Mode

When Alarm Triggered

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Step 4: Set up task for water valve, then you can see the task details, and water valve will do action automatically.

Select Function

Flooding State

Battery level

Flooding Alarm

Normal

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Step 5: Set up task for water valve, then you can see the task details, and water valve will do action automatically.

Create Scene

Launch Tap-to-Run

When weather changes

When location changes

Schedule

When device status changes

Change Arm Mode

When Alarm Triggered

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Step 6: Set up task for water valve, then you can see the task details, and water valve will do action automatically.

Select Function

Flooding State

Battery level

Flooding Alarm

Normal

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Step 7: Set up task for water valve, then you can see the task details, and water valve will do action automatically.

Create Scene

Launch Tap-to-Run

When weather changes

When location changes

Schedule

When device status changes

Change Arm Mode

When Alarm Triggered

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Voice Control

Amazon Alexa

\* Alexa, open <device name>.

\* Alexa, close <device name>.

Google Assistant

\* Ok, Google, open <device name>.

\* Ok, Google, close < device name>.

\* Tips: You can name the device yourself

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FRANKEVER®

Smart life

Available on the App Store

Get it on Google Play

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