

Pipebudi

USER MANUAL



Version 1.2, October 2025
Latest version www.kopva.com

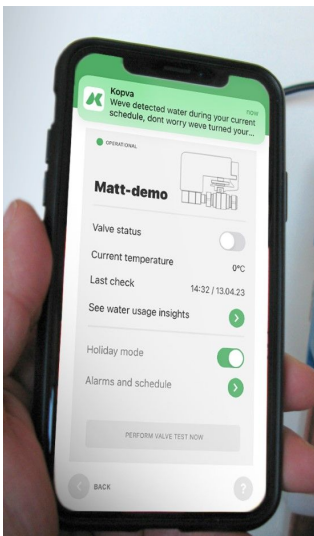
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CHECK LINKS THROUGHOUT – SHOULD THIS BE INSTALLATION INSTRUCTIONS
CHECK PATENT WORDING ON WEBSITE MATCHES THIS – THIS IS LATEST WORDNG

1. INTRODUCTION

- Congratulations on the purchase of your Pipebudi!
- One of the most common causes of damage to a home is from water damage.
- The Pipebudi is installed directly onto your mains water pipe so it can detect water flow and critically turn off your water supply if an unusual flow is detected – whether you are at home or away from home.



- The Pipebudi is controlled through the Kopva App.
- The App allows you to control your Pipebudi, you can
 - check the status of your device,
 - receive warnings if there are unusual water flows, and
 - it allows you to open and close the water valve wherever you are – home or away

2.1 GENERAL ADVICE

Prior to installation:

- Ensure you have a professional plumber to fit your valve to the pipework.
- Prior to installation, the water supply must be disconnected.
- Ensure you have all the parts identified on the items listed A-F. If pipework is plastic, inserts must be used.
- You will need to install the valve and Pipebudi near an electric power supply (your Pipebudi is supplied with a 1.8m power cable and plug) If the Pipebudi does not have a power supply, it cannot operate correctly.
- Manually move the handle on the valve a few times prior to installing to ensure it is moving freely across the full range.

2.2 IMPORTANT SAFETY INSTRUCTIONS

BEFORE INSTALLING OR OPERATING THIS PRODUCT READ AND UNDERSTAND ALL THE INSTRUCTIONS AND CAUTIONARY MARKINGS IN THIS MANUAL, ON THE CHARGER AND ON THE PRODUCT. BASIC PRECAUTIONS SHOULD ALWAYS BE FOLLOWED, INCLUDING:

⚠ WARNING - TO REDUCE THE RISK OF ELECTRIC SHOCK OR INJURY OR DAMAGE TO PROPERTY:

- Ensure that only a professional plumber installs the valve according to the instructions provided.
- Ensure that the qualified individual is aware of the potential risks.
- Keep the work area clean, dry and well-lit to avoid accidents.
- Use appropriate tools and personal protective equipment during installation.
- Ensure the water supply is turned off and pressure is relieved before installing or replacing the valve.
- Check for leaks or damage immediately after installation.
- Operate the product only within the specified temperature and pressure range.
- Avoid manual intervention. If you must manually override do so in accordance with the manufacturer's instruction.
- Ensure that the routine health check and any maintenance as recommended by the manufacturer is performed to ensure optimal performance
- Do not install or use the product if any part is damaged or defective in any way.
- If you notice any irregularities in water flow, pressure or valve movement, stop operation and consult a qualified individual.
- In case of a water leak or burst, immediately turn off the power and shut off the main water supply.
- If the valve fails to operate correctly during an emergency, consult the manufacturer's troubleshooting guide or contact a qualified individual.
- Always have an emergency shutoff procedure in place in case of valve malfunction or failure.
- Your Pipebudi is not a replacement for your regular stop tap and should be fitted in accordance with the fitting instructions, placed after the existing stop tap.
- Do not allow children or anyone who may not be able to safely operate the product to use it.
- Your Pipebudi has moving parts. Always ensure that there are no obstructions to the handle or that any bodily parts will not be trapped by the movement of the unit handle.
- Take care when clipping the Pipebudi body on/off the pipe. Hold the Pipebudi as shown on the instruction manual to avoid any items or bodily parts becoming trapped between the Pipebudi and the pipe.
- The Pipebudi body is a sealed unit and should not be opened or disassembled. Within the body is the back up battery. The battery is a sealed unit and under normal conditions poses no safety concerns. In the unlikely event that liquid leaks from the battery, do not touch the liquid and observe the following precautions:
 - Skin contact – can cause irritation. Wash with soap and water.
 - Inhalation – can cause respiratory irritation. Expose to fresh air and seek medical advice.
 - Eye contact – can cause irritation. Immediately flush eyes thoroughly with water for at least 15 minutes. Seek medical attention.
 - Disposal – wear gloves to handle the battery and dispose of immediately following local regulations. Keep away from children.
- The battery within this product may pose a risk of fire or chemical burn if mistreated. Do not disassemble, expose to heat above the permitted guidelines , or incinerate.

SAVE THESE INSTRUCTIONS

2.2 IMPORTANT SAFETY INSTRUCTIONS (continued)

BEFORE INSTALLING OR OPERATING THIS PRODUCT READ AND UNDERSTAND ALL THE INSTRUCTIONS AND CAUTIONARY MARKINGS IN THIS MANUAL, ON THE CHARGER AND ON THE PRODUCT. BASIC PRECAUTIONS SHOULD ALWAYS BE FOLLOWED, INCLUDING:

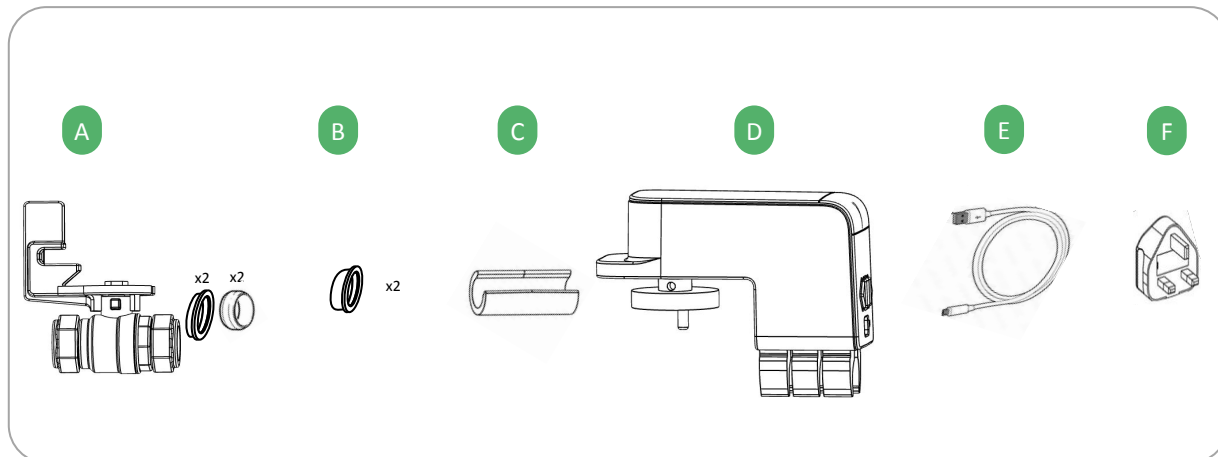
⚠ WARNING - TO REDUCE THE RISK OF ELECTRIC SHOCK OR INJURY OR DAMAGE TO PROPERTY:

- Store the Pipebudi indoors before use in a dry place, within the specified temperature range.
- Pipebudi is intended for indoor use only in a dry location, within the specified temperature range.
- This category of device does not belong in domestic waste and must be disposed of separately in accordance with the relevant national regulations.
- Use only with original spare parts and accessories. Other parts will void the warranty, the CE marking and could cause injury.
- Avoid danger due to damaged connection cables. In the case of damage, the connection cable must be replaced.
- If you have a sprinkler system connected to the water supply we recommend you seek advice from your fire safety professional as the leakage detection function may switch off the water supply in the event of a fire.
- In addition to the operating instructions, the recognised rules for safe and professional work must be adhered to.
- The valve and Pipebudi are intended for installation on the cold water pipe. They are suitable for use with water up to a maximum water temperature of 40 °C.
- The valve and Pipebudi is only permitted to be installed in properties that have separate water supply lines (observe EN 806).

SAVE THESE INSTRUCTIONS

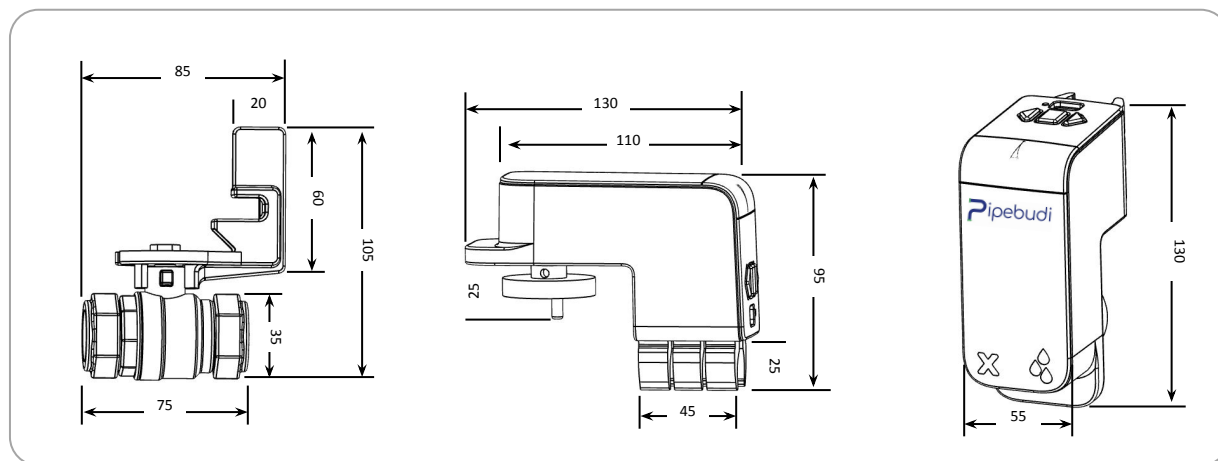
2. PRIOR TO INSTALLATION

2.3 CONTENTS OF THE BOX



A	WRAS approved 22mm ball isolation valve made up of the valve body, 2 olives, 2 compression nuts
B	WRAS approved 2x 22mm to 15mm copper pipe reducers (only required if you have 15mm pipes)
C	15mm to 22mm plastic sleeve adapter (only required if you have 15mm pipes)
D	Pipebudi unit
E	1.8m USB lead
F	UK 3 pin, USB plug

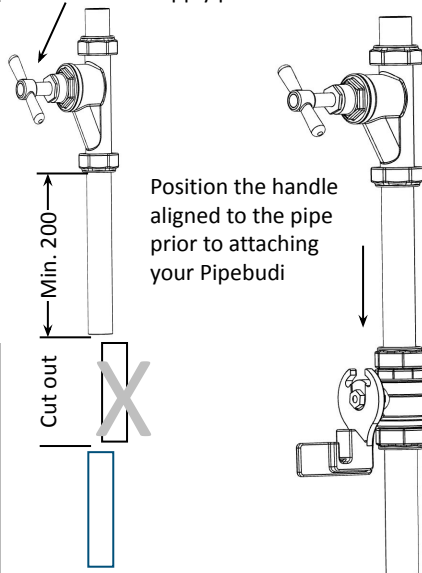
If any of the items above are missing or damaged, then please contact your supplier immediately.



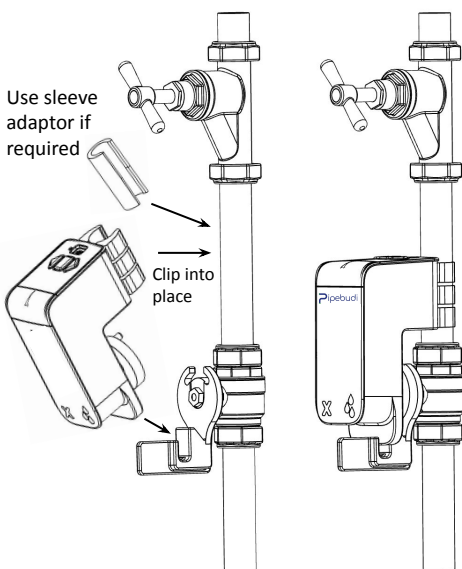
3.1 INSTALLATION OF YOUR VALVE AND PIPEBUDI

1 Connecting the valve to the pipe

Turn off water supply prior to installation



2 Connecting the Pipebudi to the valve



1. Connecting the valve to the pipe:

- Ensure you have a professional plumber to fit the standard 22mm WRAS approved ball valve to the pipework.
- Prior to installation, the water supply must be disconnected.
- You will need to install the valve and Pipebudi near an electric power supply. If the Pipebudi does not have a power supply, it cannot operate correctly.
- The Pipebudi valve should be installed at least 200mm from AFTER the existing stop tap, as close as possible to where the mains water enters your property. It is not to be used as a replacement for the existing stop tap. It should not be fitted after your water pipes split into sections to feed different part of the property.
- Please ensure the installation location identified has sufficient space for the ball valve and Pipebudi unit. It is recommended to have at least 50mm pipe clearance on the handle side and at least 100mm clearance on the sensor body side. It is recommended to have 200mm height clearance above the pipe to allow the unit to clip on.
- Manually move the handle on the valve a few times prior to installing to ensure it is moving freely across the full range.
- Position the handle so it is in line with the pipe prior to attaching your Pipebudi
- The Pipebudi comes with fittings designed for copper pipework. It can be adapted to fit to plastic pipework however the appropriate copper to plastic adapters will be required and must be purchased separately.

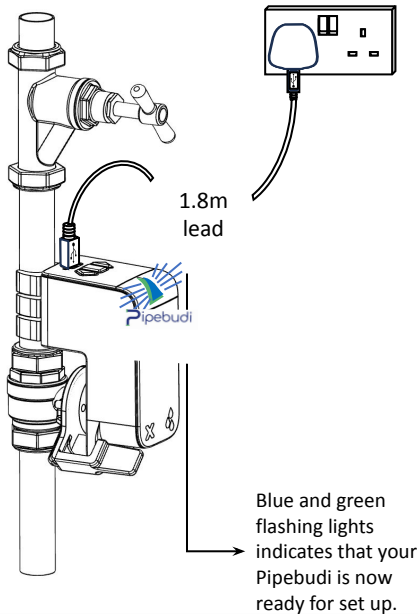
▪ **WHAT DO WE NEED TO SAY ABOUT FITTING TO PLASTIC / COPPER?** “Designed for Copper pipes, can be fitted on plastic pipes using adaptors?”

2. Connecting the Pipebudi to the valve:

- Use the sleeve adaptor if fitting to 15mm pipe
- Clip the unit into place – ensuring that the unit “clicks” securely onto the pipe and valve, so the metal disc sits flush on the handle base and the section of the unit that fits around the pipe is firmly connected onto the pipe

3.1 INSTALLATION OF YOUR VALVE AND PIPEBUDI

3 Connecting to the mains power



3. Connecting to the mains power:

- Once the Pipebudi has been clipped securely onto the valve and pipe it should be connected to mains power using the plug and lead provided in your product pack.
- You are now ready to link your Pipebudi to the App
- In the event of a power cut the back up **battery**
- **PHOTO SHOWS UNIT IN CLOSED POSITION**

4 Downloading the mobile app and connecting to Wi-Fi

1. Download the app from:

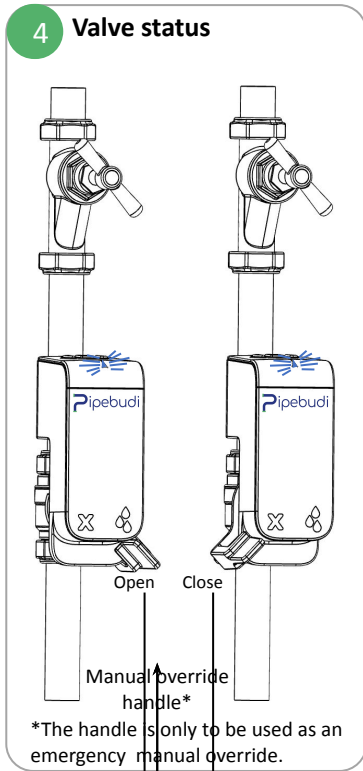


2. Once downloaded, open the app and follow the step-by-step instructions to sign up, ensuring you allow it to use your location and send you notifications.
3. Please complete all the questions.
4. You will be set up when you see your Pipebudi appear on your dashboard.
5. Select your named unit to review the status.
6. Turn your valve status to "OPEN" and allow your Pipebudi to sync with our servers.
7. You are now ready to use your Pipebudi.

3. Downloading the mobile app and connecting to WIFI:

- Once downloaded, open the app and follow the step by step instructions to sign up
- Ensure that your smartphone is connected to the same WiFi that you want to connect your Pipebudi to
- For the app to be able to alert you that there is a leak you will need to allow it to use your location and send you notifications
- Please complete all of the questions
- You are now ready to link your Pipebudi to the App
- In the event of a power cut the back up **battery**
- **NEED MORE DETAIL ON HERE**

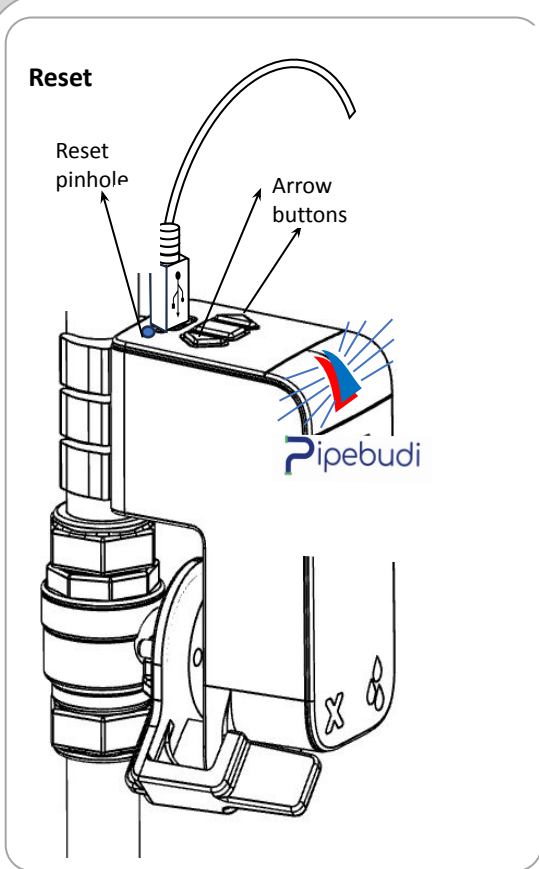
3.2 DOWNLOADING THE KOPVA APP AND CONNECTING TO WiFi



4. Valve status:

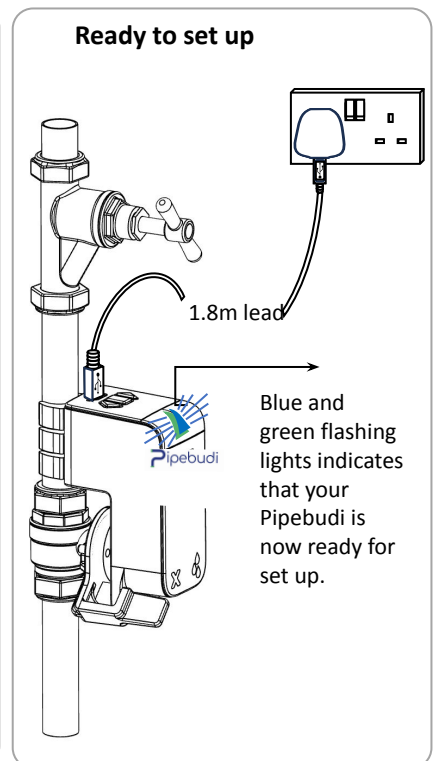
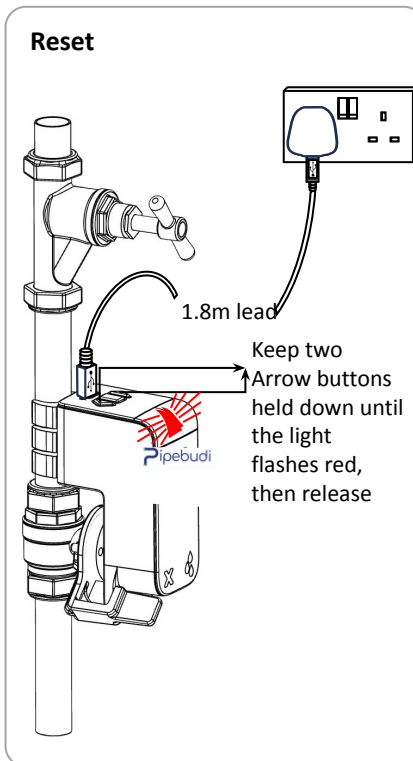
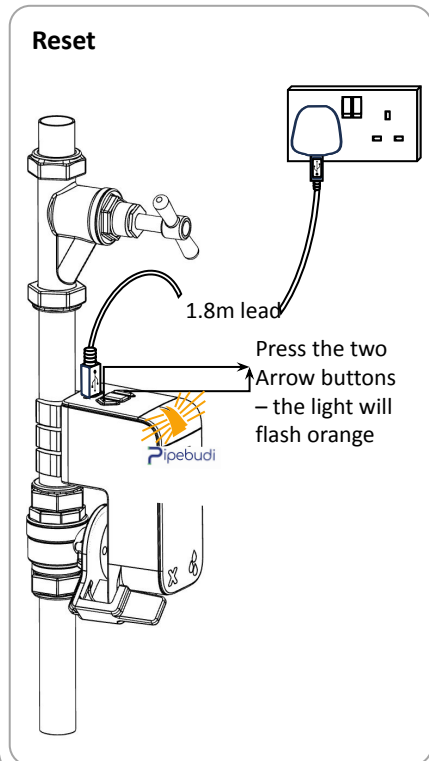
- Once the Pipebudi has been connected to the App you should turn the valve status to on – IS THIS CORRECT DOESN'T THE UNIT TURN ITSELF TO ON??
- The Pipebudi will perform a monthly valve test **when you select the reminder in the app's dashboard**. This will move the handle from its current position to the opposite position and return it to its original state. You will be notified via the app when this has happened.
- In an emergency you can use the manual override handle on the device to open and close the valve and therefore the water supply. **Please note this manual override operation will not be reflected on the valve status in your app. You should update the app "valve status" or return the valve to the original position at the earliest opportunity so the physical valve position and the position recorded on the app are the same**

3.3 RESET YOUR PIPEBUDI



Reset my Pipebudi

- If you haven't been able to connect your Pipebudi to your Wi-Fi then you need to reset your Pipebudi so you can start again
 - If you move house or change your Wi-Fi provider then you will also need to reset your Pipebudi to enable you to connect onto your new Wi-Fi
1. Press the two Arrow buttons and keep holding them pressed down,
 2. Insert a pin in the reset hole next to the USB port – keeping the buttons pressed
 3. Release the pin keeping the buttons pressed
 4. The light will change to orange and then red
 5. Once the light has turned red you can release the buttons
 6. The lights should now flash green and blue and the Pipebudi is ready to connect to your Wi-Fi



4.1 What the lights on the unit mean

Once your Pipebudi is set up and connected it should display a Blue Flashing light.

There are a series of light sequences throughout the installation process which are described in the installation instructions

Below is a comprehensive list of all the different states of the Pipebudi and whether or not action is required

If you see...	This means...	Action required
Blue/Green (Alternating)	Ready for set up, awaiting connection to WIFI	Follow installation instructions
Blue Flash	Pipebudi is listening via Wi-Fi	Operating normally – no action required
Green Flash	Pipebudi is listening but is not connected to Wi-Fi	Error – your Pipebudi is not connected to your WIFI. Check your WIFI is working correctly
Blue Solid	Pipebudi is connecting to the server	Part of installation process
Green Solid	Pipebudi is successfully connected	Part of installation process
Fast Red-Blue (Alternating for 5s)	Failed to Connect to Wi-Fi: Could not detect your network. Most likely out of range or incorrect name saved.	Error in installation process – refer to installation instructions and troubleshooting section. Reset your Pipebudi and retry the connection process
Fast Red-Green (Alternating for 5s)	Failed to Connect to Wi-Fi: Network detected but could not connect. Most likely Password is wrong or intermittent fault/low signal.	Error in installation process – refer to installation instructions and troubleshooting section
Orange Solid	Updating Firmware	No action required
Fast green flash (after Orange)	Firmware update Success	No action required
Red Solid	The valve is opening or closing	No action required

4.2 GENERAL OPERATING INFORMATION

Instructions on power supply:

- The valve remains in the same position in the event of a power failure.
- The plug-in power supply is only suitable for indoor use.
- The plug-in connectors must not be directly or indirectly sprayed with water when cleaning.
- The voltage supply must be able to be switched on/off separately.
- If the unit loses power and the battery has depleted, recharge for 15 minutes prior to usage.

Instructions on operation:

- The valve and Pipebudi may only be used as outlined in these installation instructions.
- The valve and Pipebudi must only be used in good order and condition, as intended, and with safety and hazard awareness by adhering to the operating instructions.
- Any other usage or usage extending beyond that described is deemed improper use.
- Use only original spare parts and accessories. The use of other parts will void the CE marking and could cause injury.
- If any damage occurs to the unit, you can use the manual override handle to open and close your water supply. Please note, this will not reflect the valve status in your app

Software and internet connection:

- In order to ensure operation as a fully-functioning device, the smartphone used and the Pipebudi must be connected to the internet at all times and the set-up instructions followed. The Pipebudi must be successfully installed with the latest version of the application software.
- Ensure that your Pipebudi is in range of your Wi-Fi.
- We take all necessary measures to ensure safe and correct use. In the event of an error, we advise you to install the latest firmware and/or disconnect the Pipebudi from the power supply and switch back on.
- If your app is not connecting to the device, you can use the arrow buttons on the device to open and close your water.
- You will find the latest application software and instructions on the KOPVA.com website.

Applications:

- The Pipebudi constantly checks water consumption, flow rate and temperature and stores collected data on the device and in online storage.
- The temperature cut out threshold is set to give advance warning of the potential risk of frozen pipes. Warnings are sent to the user, via the app and the water supply will be closed off if the cut off threshold is breached.
- Through constant monitoring, leakages are detected, and water damage can be reduced by instructing the app to switch off the water valve.
- Protection against water damage cannot be guaranteed.
- The Pipebudi detects everyday water consumption and saves this as consumption data. On this basis, the Pipebudi responds to unusual situations and notifies the user. If the sensor detects a leak over a period of time it will automatically turn off the water supply. A notification will be sent to the user via the app.

Instructions on operation:

- Water pressure: 0.7 min to 5 bar max
- Water temperature: 3°C - 40°C
- Ambient temperature: 3°C - 40°C
- Voltage supply: 5v 2A

5.1 FAQs

How does the Pipebudi work?

Pipebudi uses a combination of microphone technology, remote operation and internal thermometers to listen to water flow, check pipe temperatures and perform an auto shut off instruction. A leak will have a consistent flow of water running through your pipes, which will be detected and then alert you through the Kopva app to turn off your water supply.

I have just received my Pipebudi and I think parts may be missing or damaged?

If any of the items listed in the fitting instructions (A-F) are missing or damaged then please contact the party that supplied your Pipebudi or visit kopva.com/contact-us.

Where can I find instructions on how to install my Pipebudi?

Full installation instructions can be found at www.kopva.com/installation-instructions
We recommend you use a fully qualified and registered professional to fit your Pipebudi.

What size pipes can the Pipebudi be installed onto?

It can be installed on pipework with a diameter of 15mm and 22mm

Can the Pipebudi be fitted on copper or plastic piping?

The Pipebudi comes with fittings designed for copper pipework. It can be adapted to fit to plastic pipework however the appropriate copper to plastic adapters will be required and must be purchased separately.

My Pipebudi isn't connecting to my Wi-Fi, what shall I do?

If you haven't been able to connect your Pipebudi to your Wi-Fi you will need to reset it. Instructions to reset your device are included in the installation instructions. Once you have reset your device you can start the connection process again. Make sure you have thoroughly read the instructions before starting again and that you have inputted your Wi-Fi credentials correctly. Whilst the connection is being established keep your phone as close as possible to the Pipebudi to help the connection process.

My Pipebudi has lost a connection to my Wi-Fi, what shall I do?

Ensure your Wi-Fi is working correctly and other devices in your home are connected. If you are still having issues, perform a reset on your Pipebudi by inserting a pin in the reset hole and then pressing the left and right arrows together. Release the pin, keeping the buttons pressed. Once you see an orange turn to a red light, release the buttons, the reset has been completed. You can now start the WIFI connection process again. Fuller details can be found in the installation instructions at www.kopva.com/installation-instructions

Can I install my Pipebudi outside?

No, it is not weatherproof and is not designed to be mounted or left outdoors.
The recommended operating temperature range is 3°- 40°C.

Are there any smartphone requirements to run the app?

Yes, you will need the latest operating system of iOS or Android.

Can I use my Pipebudi offline?

No, you'll need a Wi-Fi network connection to set up and configure your Pipebudi and for it to enable Pipebudi to alert you through the Kopva app if a leak is detected.

5.1 FAQs (continued)

What happens if I have a power cut? Will my Pipebudi still work?

Your Pipebudi has an internal battery that will provide short term cover should you have a power cut. Once your power is back on, the Pipebudi will reconnect to your Wi-Fi. You will be notified if power is interrupted to your Pipebudi so you are aware that your cover may be compromised if power is not restored promptly

Can I take my Pipebudi with me if I move home?

Yes, you can just unclip your Pipebudi and order a new valve from www.kopva.com

We recommend you use a fully qualified professional to install the new valve on the pipes of your new home and then simply attach your Pipebudi and follow the instructions to connect to your new Wi-Fi

What if I change my email and mobile number?

You will need to contact us and inform us of your new number, providing us with the serial number of your Pipebudi and postcode so we can identify you. For more details and to provide amended information visit us at www.kopva.com/pages/contact

5.2 Troubleshooting

1. No internet connection

a. You can't connect to the internet once you have downloaded the App

- Check that your Pipebudi and smartphone are both connected to the same WiFi
- Check that your WiFi system is working correctly, that the router is on and that the Pipebudi is within range
- Reset your Pipebudi and try again
- Make sure your smartphone and Pipebudi are as close together as possible

b. Your Pipebudi loses internet connection after your initial set up

- *You will receive a notification via the App that connection has been lost. You will also receive a notification via the App when connection is restored*
- Check that your WiFi system is working correctly, that the router is on and that the Pipebudi is within range
- If the signal is weak to the Pipebudi you may need to consider getting a signal booster
- Reset your router
- If you are still having issues, reset your Pipebudi and start again using the Installation Instructions

2. No Power supply

- *You will receive a notification via the App that power has been lost to your Pipebudi*
- Check that the power cable is correctly plugged in to both the Pipebudi and the plug.
- Check that the plug is correctly plugged into the socket and the socket is receiving power
- Check that your mains power supply is on at the circuit board and whether there is a general power outage
- If the signal is weak to the Pipebudi you may need to consider getting a signal booster
- Reset your router
- If you are still having issues, reset your Pipebudi and start

3. Leaks have occurred but haven't been detected

- Check if the installation has been done correctly, in line with the Installation Instructions, on the correct pipe, positioned after the stop cock on the main entry pipe
- Check to make sure you have accepted the latest software updates
- Check to make sure you have notifications set to on
- Make sure the device is properly clipped onto the pipe in line with the Installation Instructions

4. The valve hasn't closed/opened when instructed to do so by the App

- Check if the installation has been done correctly, in line with the Installation Instructions, on the correct main entry pipe, positioned after the stop cock
- Check to make sure you have the monthly health check scheduled to be performed
- Check to make sure you have accepted the latest software updates
- Ensure you haven't used any non-original parts, which is contrary to the terms of your guarantee
- Check that the handle position is aligned with the position showing on the App eg it is in the closed position on both App and physically or both are in the open position. If they are not the same then use the buttons on the Pipebudi to put the handle in the same position as stated on the App

If errors persist, reset the device according to the Installation Instructions. If this does not resolve any issues contact us through our Customer Services team. To keep your Pipebudi in good working order ensure it is installed and maintained in line with the Installation Instructions and any issues are resolved promptly. As with any technology issues may arise which interrupt the operation of your Pipebudi, we will attempt to resolve any issues as quickly as possible but cannot be responsible for any damages which occur during these times

5.3 Customer Services

INFORMATION TO MATCH WEBSITE FOR CUSTOMER SERVICE CONTACTS

6.1 Disposal information

1. WEEE POLICY



- This category of device does not belong in domestic waste but must be disposed of separately in accordance with the relevant national regulations.

PRODUCT GUARANTEE FORM

Company Name:- Kopva Limited

Address:- Carlton House, Grammar School Street, Bradford, BD1 4NS

Email:- support@kopva.com

Website:- www.kopva.com

PRODUCT GUARANTEE CERTIFICATE

Thank you for purchasing your Pipebudi from Kopva Limited. We stand by the quality of our products and offer the following guarantee:

Guarantee Terms

This product is guaranteed for a period of 12 months from the date of purchase against manufacturing defects in materials and workmanship.

If a fault develops during the guarantee period, we will repair or replace the item (at our discretion), free of charge, subject to the following conditions:-

Conditions of Guarantee

- The product must have been used for its intended purpose and in accordance with the user manual
- Proof of purchase (receipt or invoice) must be provided
- The guarantee does not cover normal wear and tear, accidental damage, misuse, or any alteration or repair carried out by anyone not authorised by Kopva Limited.
- This guarantee is in addition to, and does not affect your statutory rights under UK consumer law

How to Claim

To make a claim under this guarantee, please contact our customer service team using the details above. You may be asked to return the product along with proof of purchase and a description of the issue

Customer Information

Full Name:-

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Address:-

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Email:-

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Telephone:-

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Product model:-

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Date of Purchase:-

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United Kingdom Patent Pending Publication No. GB 2615394 (A)

European Patent Pending Publication No. EP 4441406 (A1)

United States Patent Pending Publication No. US 2025/0027575 (A1)