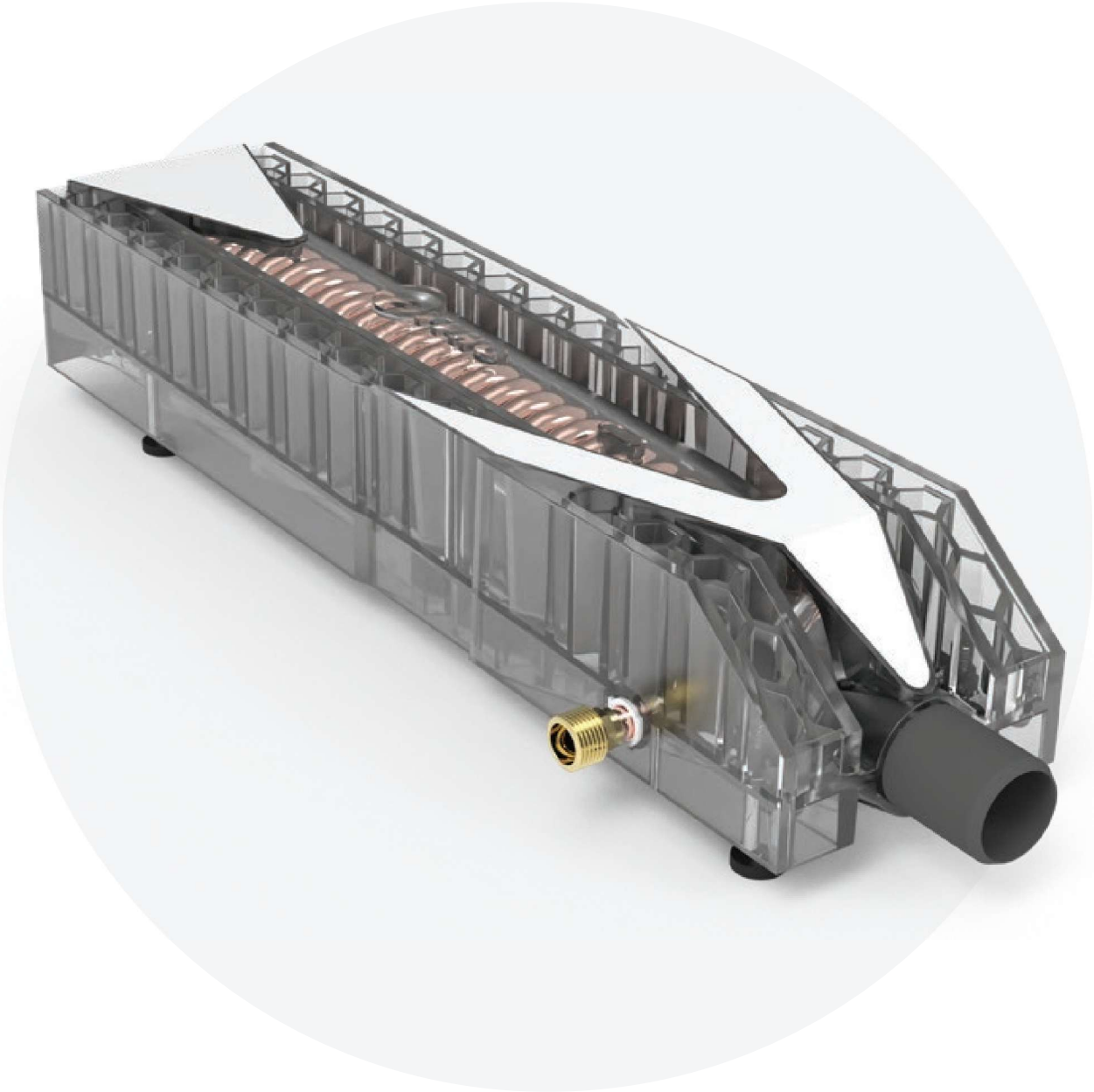
iZi 30

THREADED PUSHFIT UK

SHOWER VALVE ZYIZ30TDTPS
BATH VALVE ZYIZ30TDTPB

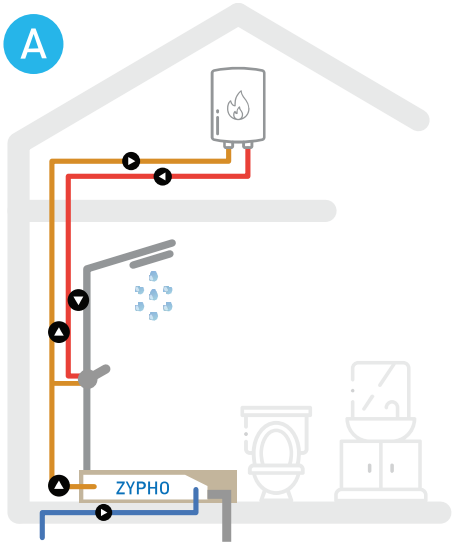


ZYPHO®
Shower Heat Recovery

iZi30
THREADED
PUSHFIT UK

INSTALLATION OPTIONS

A

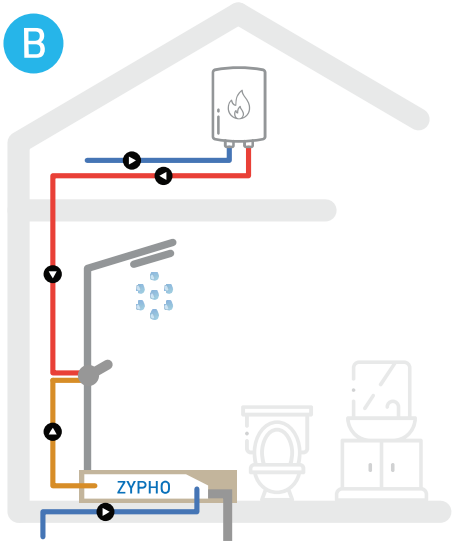


System A

The preheated water is transferred to the tap and the boiler.

The most efficient configuration.

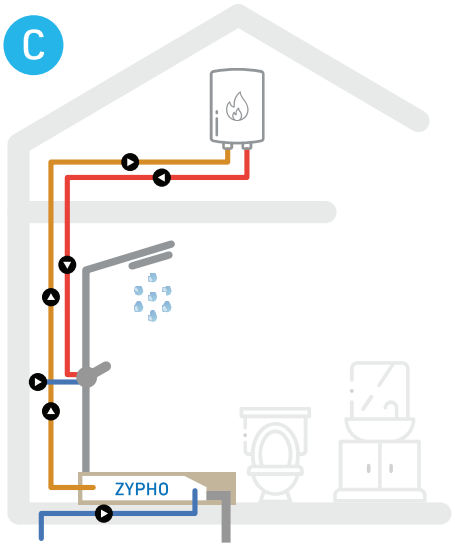
B



System B

The preheated water is transferred to the tap only.

C



System C

The preheated water is transferred to the boiler only.

55° 40°
Hot water

31-33°
Preheated water

10°
Cold water

iZi30

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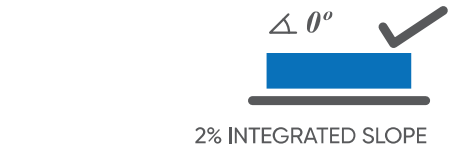
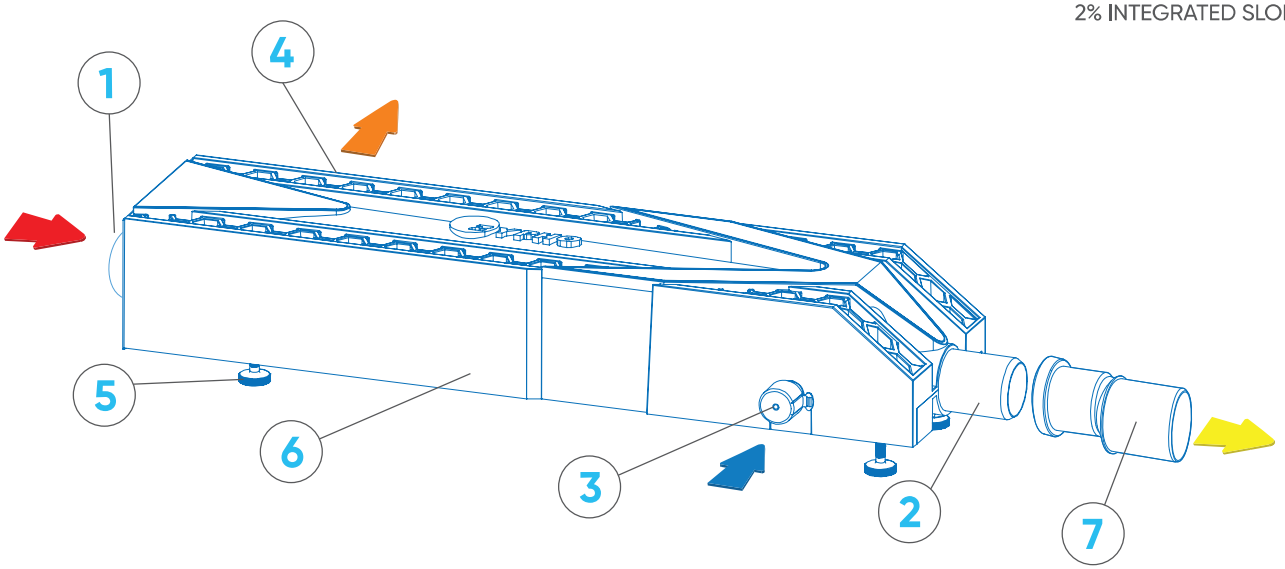
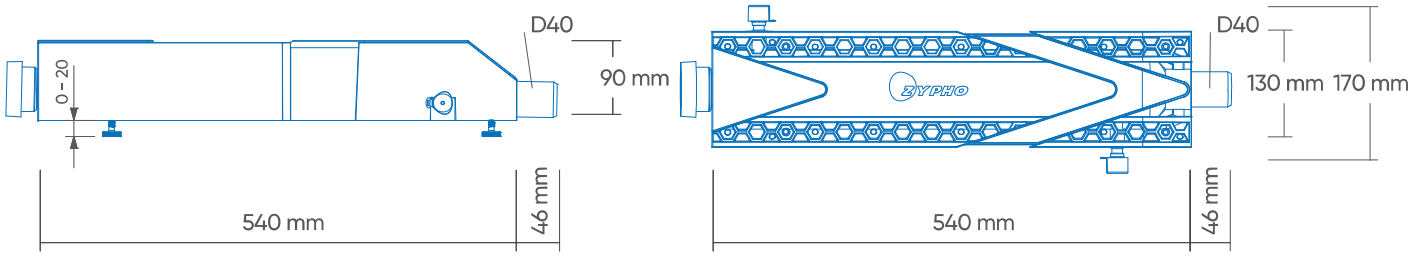




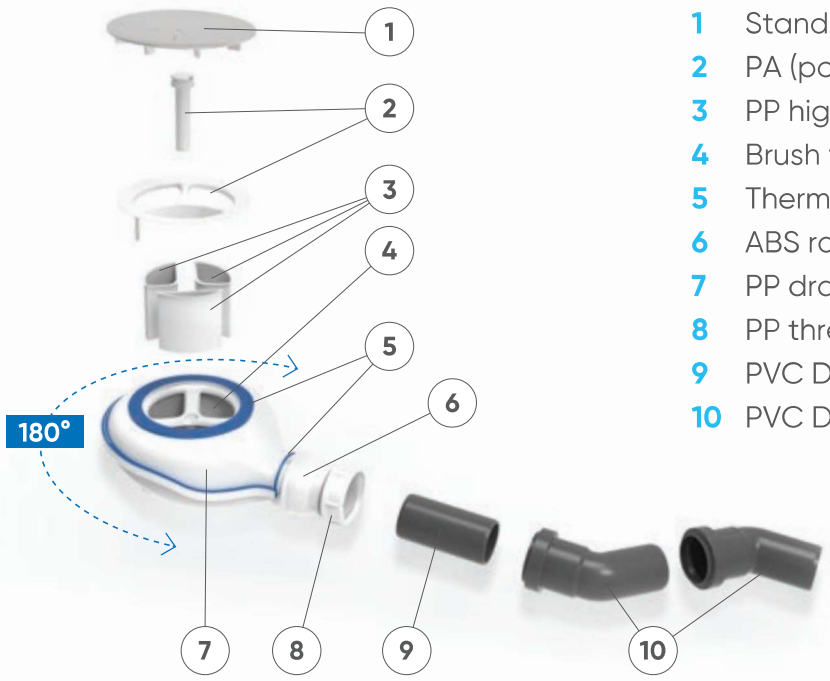


1	Shower water in	Rubber o'ring 40 mm
2	Shower water out	PVC M40
3	Cold water in	Brass Input M1/2" Connector
4	Pre-heated water out	Brass Output M1/2" Connector
5	Adjustable feet	4
6	Body	ABS
7	Converter	PP F43/M50

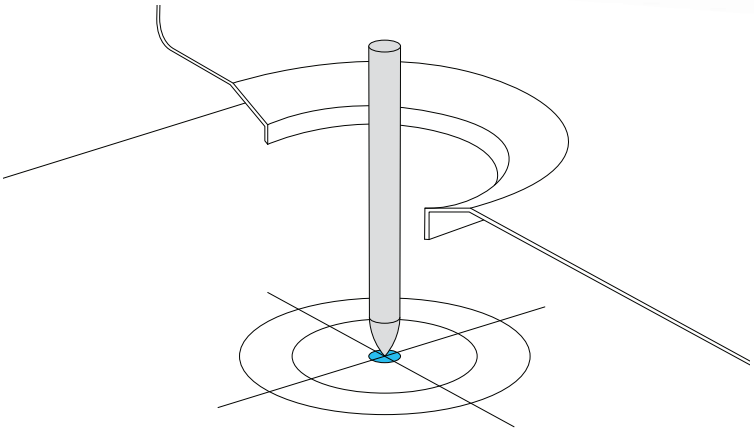
iZi30

THREADED PUSHFIT

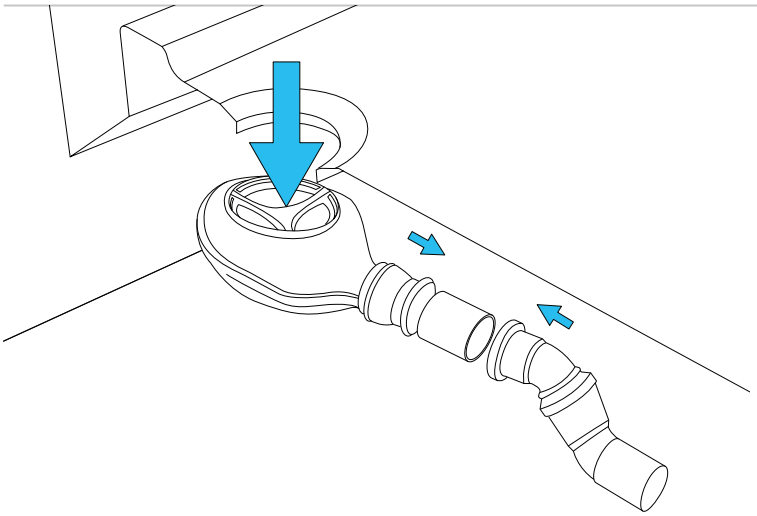
SHOWER TRAY
ZYIZ30TDTPSV



1. Standard 90 ABS chromed cover
2. PA (polyamide) highly reinforced fibreglass
3. PP high performance triple filter
4. Brush free entry access for cleaning
5. Thermoplastic elastomer (TPE)
6. ABS rotative fitting
7. PP drain siphon EN 274 50 mm water seal
8. PP threaded fitting
9. PVC D40 connection pipe
10. PVC D40 45° Elbow

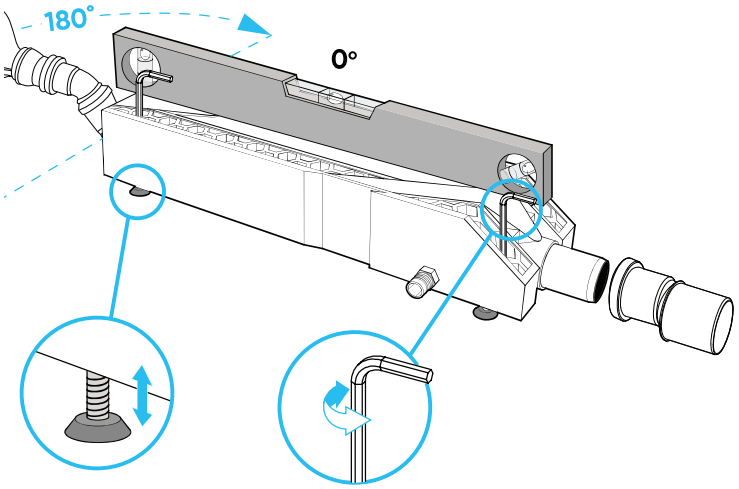


1 Mark centre point for the shower filter trap.



2 Assemble connection from trap to iZi30, using stub of 40 mm pipe and 2 × 45 degree bends.

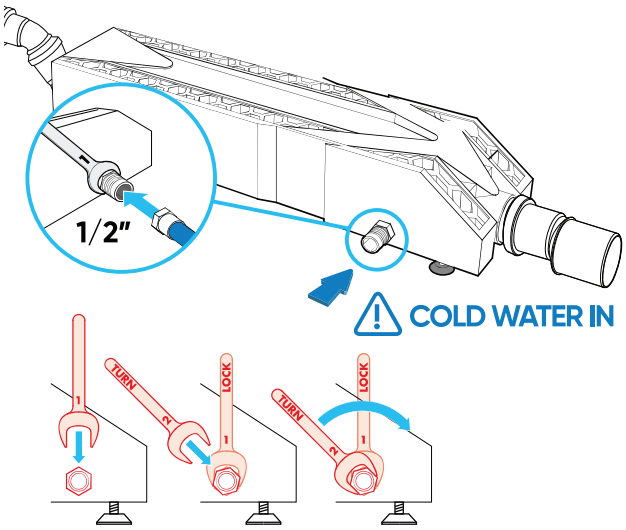
SHOWER TRAY
ZYIZ30TDTPSV



3 Ensure correct levelling.

Use a long spirit level to achieve both of these.

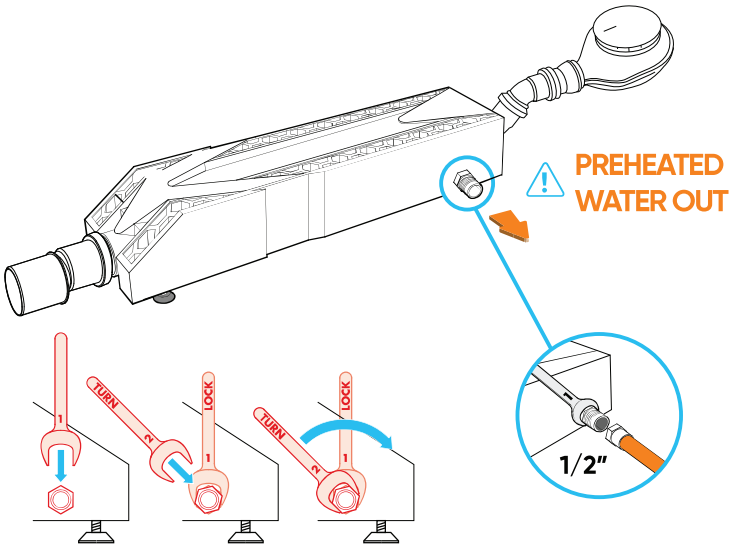
Adjust feet if needed.

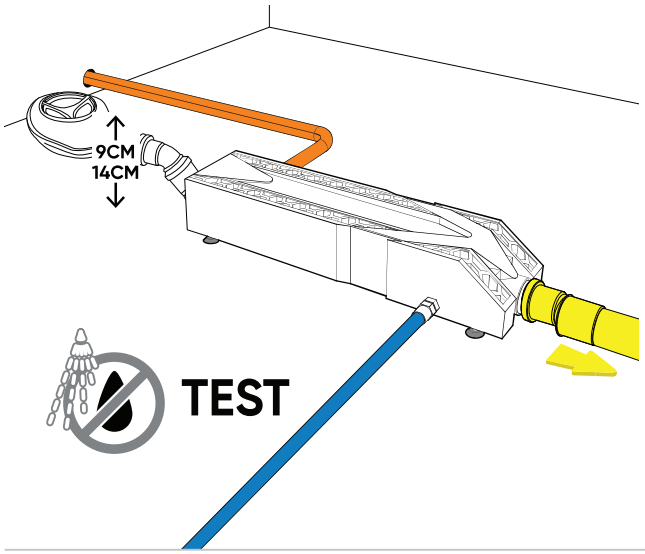


4-5 Make up fresh-water connections.

Fit a ½" to 15 mm adaptor and tighten using **TWO** spanners.

It is **ESSENTIAL** to prevent torque being transmitted onto the iZi30, so **ALWAYS use TWO spanners!**

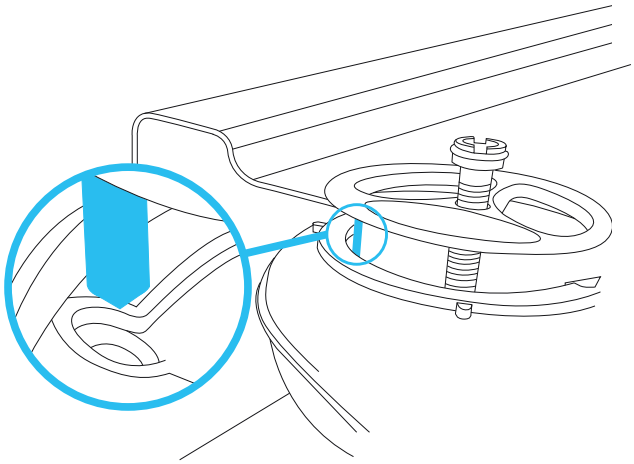




6 iZi30 waste outlet has two sizes (50 mm and 40 mm).

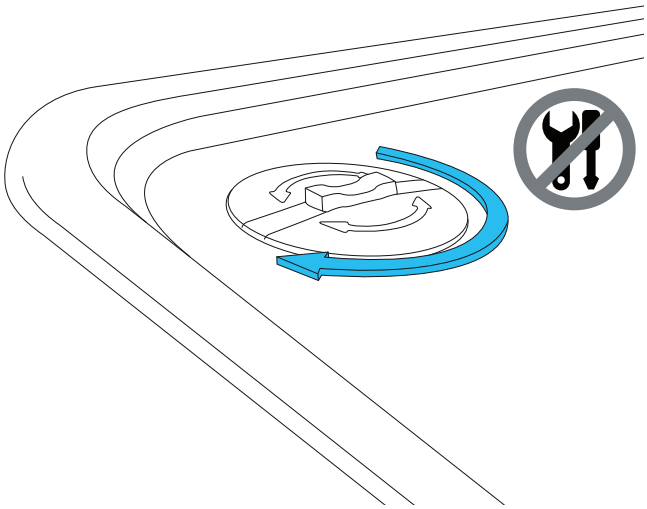
Assuming 40 mm is required, cut along line to give 40 mm pipe.

(If not using Euro 40 mm pipe, convert to UK plumbing using 40-43 mm adaptor, e.g. McAlpine T28L.)

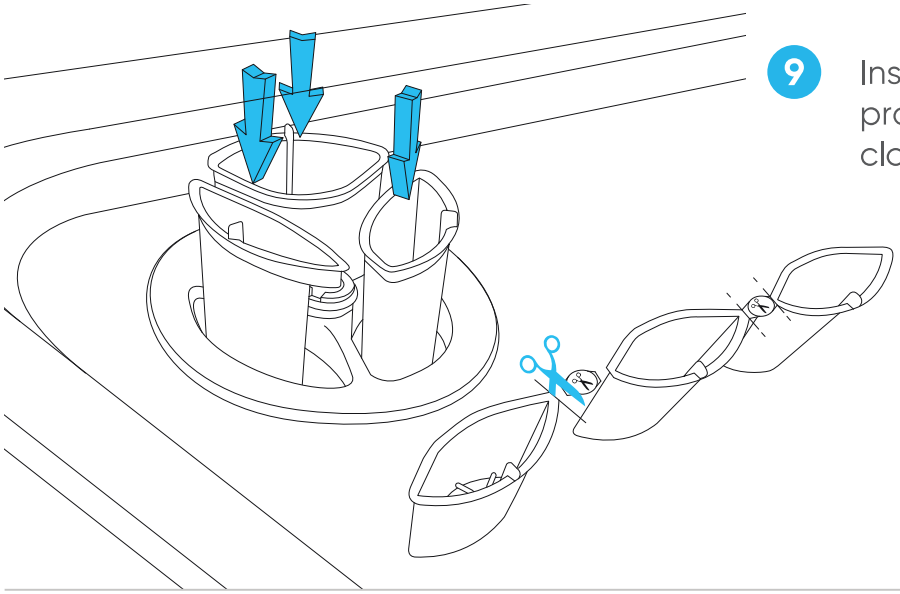


7 Once the shower tray is laid, attach the top of the trap to the drain using the central screw.

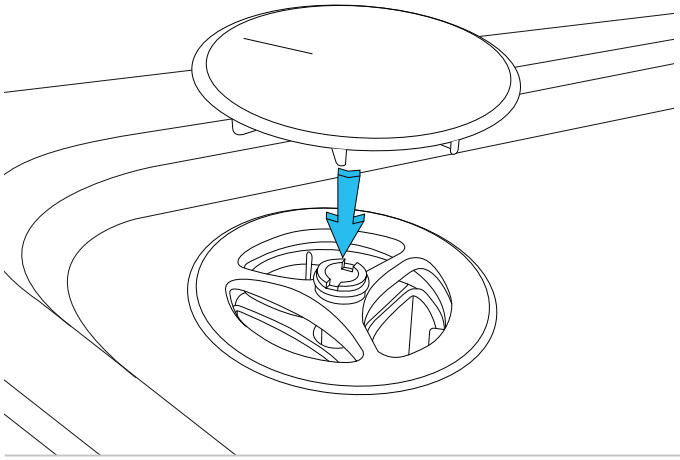
Rodding access will be possible if the half basket is aligned with drain run.



8 Tighten using tool supplied to form a good seal between trap and shower tray.



9 Insert the 3 filter baskets provided, with the half basket closest to drain run.



10 Place the chrome cap on central spigot.

ZYPHO®
Shower Heat Recovery

Ref:

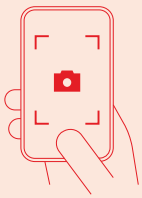
NCM (SAP) Identifier:	ZYIZ30D10
Technology type:	Waste Water Heat Recovery System
Brand name:	Zypho
Model name:	iZi30
Model qualifier:	Refer to installation certificate, if unknown assume System B
Serial nº:	**0922AA24**

WRAS APPROVED PRODUCT

SAP

Distributor
ZYPHO SA
+351 219 400 029
www.zypho.pt

Manufacturer
ZYPHO SA
+351 219 400 029
www.zypho.pt



Take a picture!

11 Fix SAP sticker to water heater or tank.

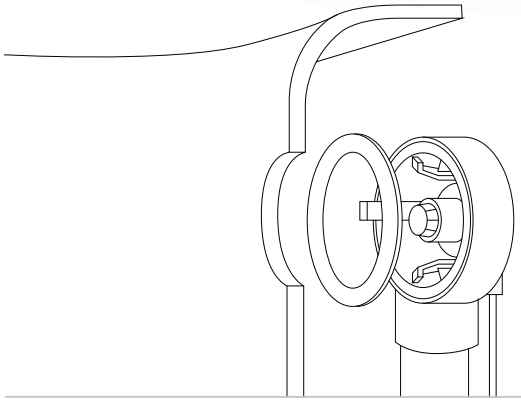
Take a **full view** of the installed product, showcasing the **complete setup, including all pipe connections**.

iZi30

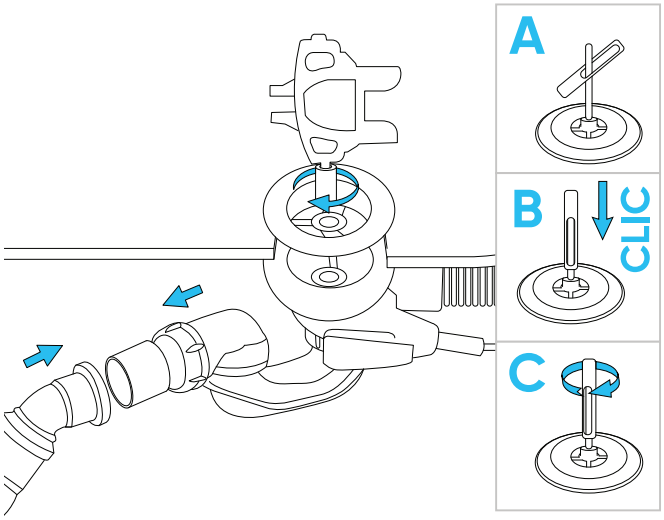
THREADED PUSHFIT

BATHTUB
ZYIZ30TDTPB

1. Cable valve control
2. Telescopic overflow tube
   Standard length: 650 mm
3. Standard 52 ABS chromed cover
4. High performance filter
5. PP threaded fitting
6. PVC D40 connection pipe
7. ABS D40 connection fitting
8. PP 360° articulated orientable drain siphon
   EN274 50 ml water seal
9. PP D40 45° bend



1 Attach washer to overflow fitting.



2 Connect the 360° rotatable trap to the bath. Locate the trap with large rubber seal under the bath drain hole. Use the chrome flange and bolt on the inside of the bath. Tighten the two together using the key supplied. Attach the stud pipe and 45° bends to the trap.

A Attach plastic height adjuster to chromed cover plate spindle.

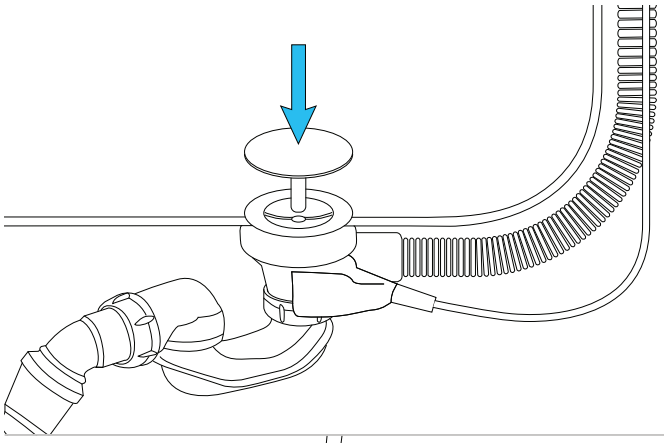
B Click into position

C Turn to adjust

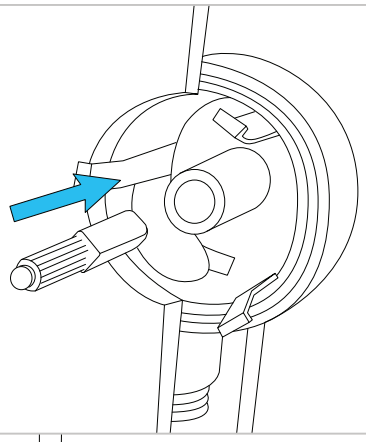
iZi30

THREADED PUSHFIT

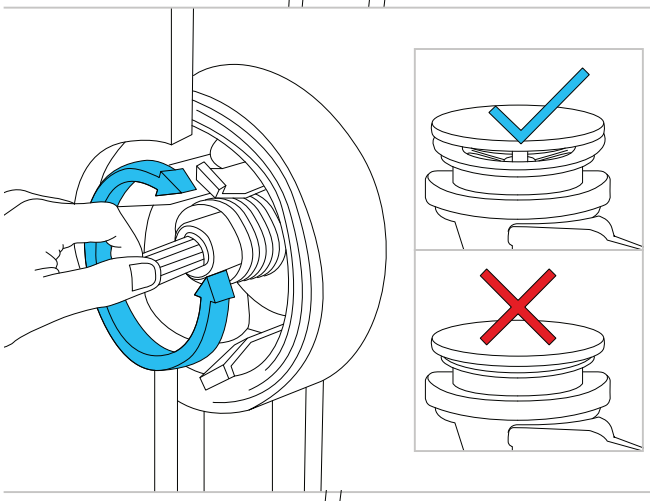
BATHTUB
ZYIZ30TDTPB



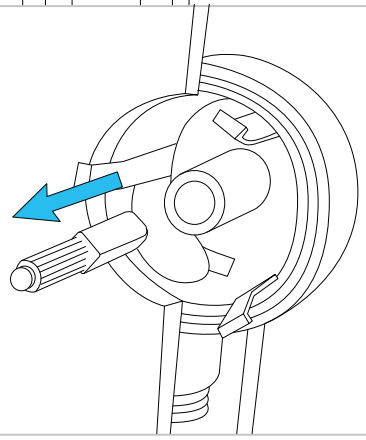
3 Put the high performance filter in the flange and place the chromed cover and spindle into the flange bolt.



4 Before attaching the overflow to the bath, insert the brass spindle into the cable valve control mechanism.

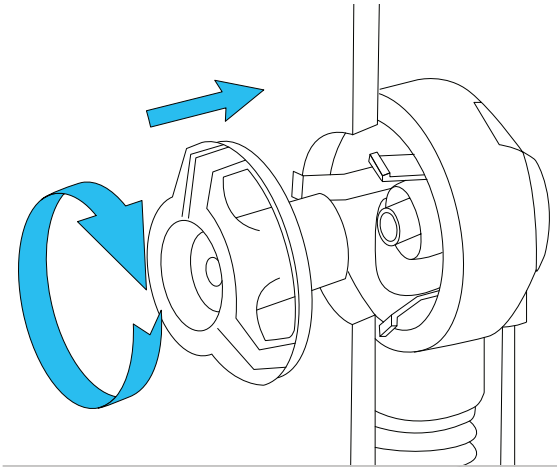


5 Turn the spindle clockwise until the chromed cover plate pops up in the open position above the flange.



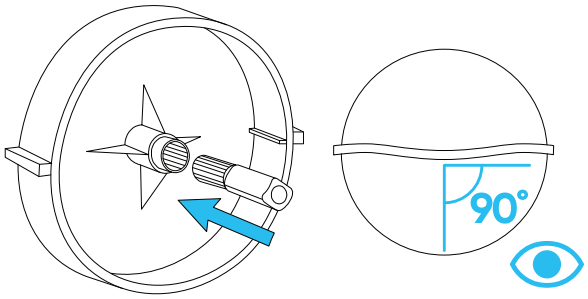
6 Remove the brass spindle from the cable valve control mechanism.

BATHTUB
ZYIZ30TDTPB

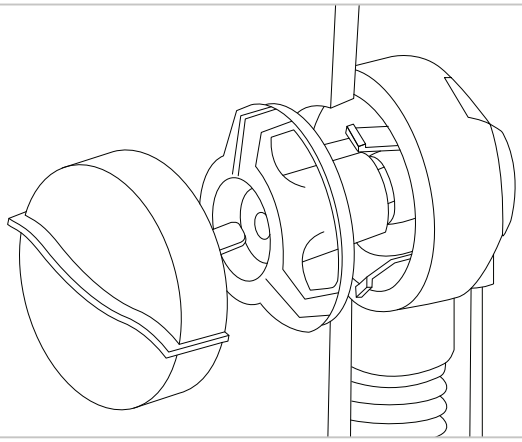


7 Align the overflow with the flat washer on the outside of the overflow hole.

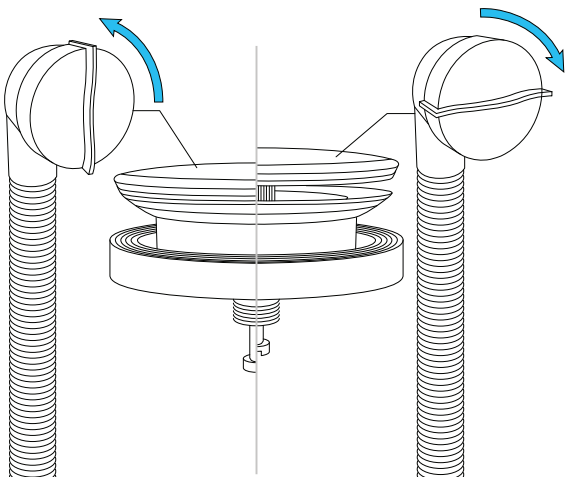
Push the plastic mounting flange onto the overflow and tighten.



8 Take the waste control handle. With the line in a horizontal position, inset the brass spindle into the handle with the square end, aligned in the same position as when in section 6.

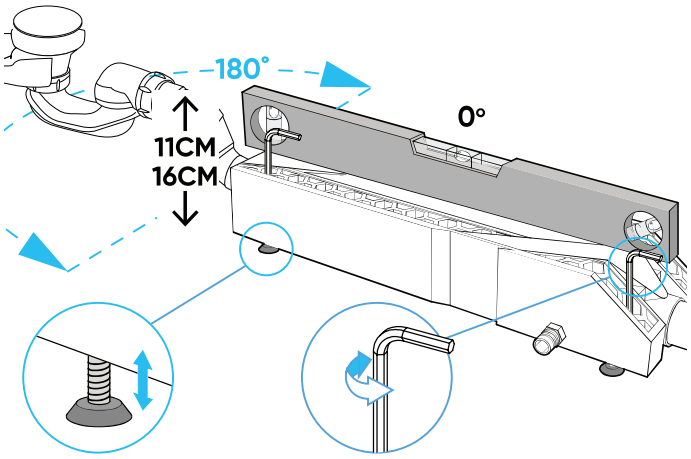


9 Push the control handle into the cable valve control mechanism on the overflow, with the handle in the horizontal position.



10 Test the waste control by turning the handle anti-clockwise. This will shut the chrome cover plate.

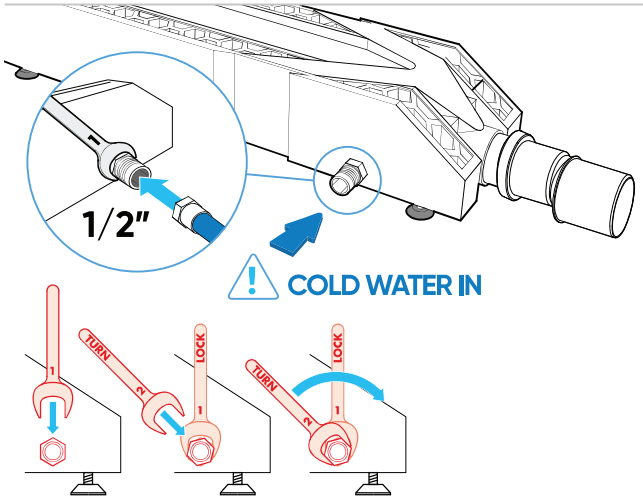
BATHTUB
ZYIZ30TDTPB



11 Position the WWHR unit under the bath.

Attach the 45° bend into the rubber boss on the waste inlet end.

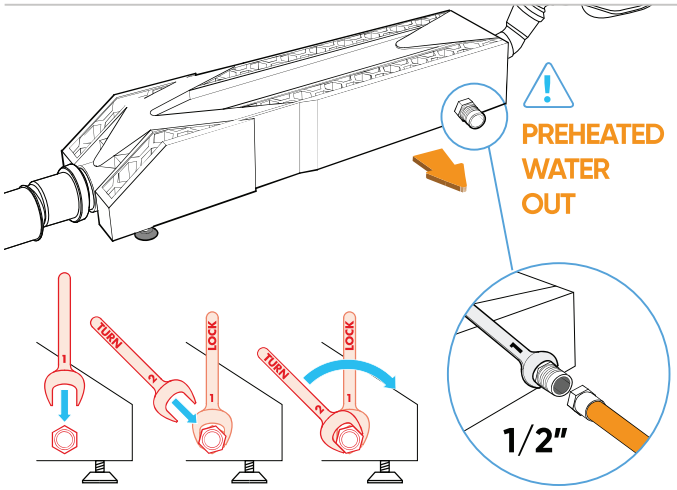
Ensure the WWHR unit is level in both directions.



12 Connect the cold water feed to the inlet.

This line must be fitted with a double check valve.

Ensure the use of **two** spanners when attaching fittings to inlet tail.

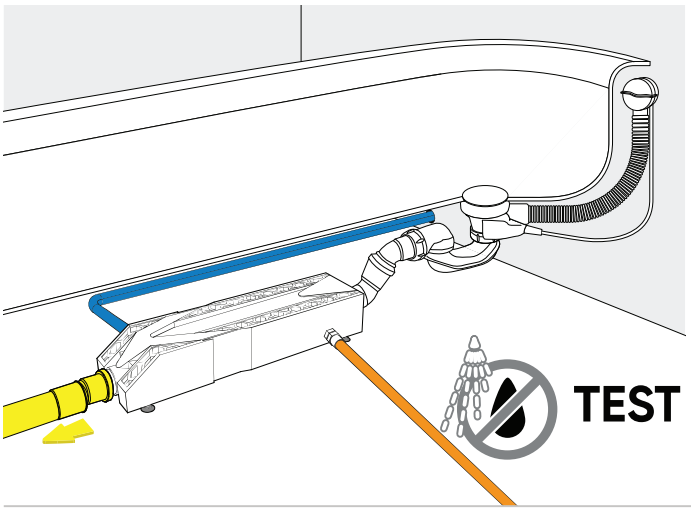


13 Fit pipework to preheated water outlet and route to the cold side of the mixer tap.

Ensure the use of **two** spanners when attaching fittings to outlet tail.

It is **ESSENTIAL** to prevent torque being transmitted onto the iZi30, so **ALWAYS use TWO spanners!**

BATHTUB
ZYIZ30TDTPB



14 Test cold water and preheated pipe runs, and waste water to WWHR unit.

ZYPHO®
Shower Heat Recovery

Ref:

NCM (SAP) Identifier:	ZYIZ30D10
Technology type:	Waste Water Heat Recovery System
Brand name:	Zypho
Model name:	iZi30
Model qualifier:	Refer to installation certificate, if unknown assume System B
Serial nº:	**0922AA24**

WRAS APPROVED PRODUCT

SAP

Distributor
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Manufacturer
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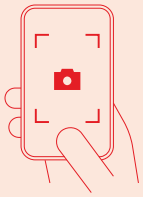

Take a picture!

11 Fix SAP sticker to water heater or tank.

Take a **full view** of the installed product, showcasing the **complete setup, including all pipe connections.**

IMPORTANT REMARKS

INSTALLATION

Pipework between the WWHRS preheated water outlet and the water heater and/or shower cold water inlet(s) (depending on installation configuration) must be labelled to indicate that no other services can be interconnected.

It is essential that a trap is installed downstream of the ZYPHO iZi30 and that NO trap is installed directly underneath the shower.

System A: Installation configuration 1
System B: Installation configuration 2
System C: Installation configuration 3

ENERGY SAVING PERFORMANCE RECOGNISED BY SAP

The successful operation of the ZYPHO iZi30, which is a Waste Water Heat Recovery System (WWHRS) Instantaneous Shower Heat Recovery Device, depends entirely upon the adherence to these instructions.

Additionally, for new-build dwellings within the UK, recognition of the system's energy saving performance within the National Calculation Methodology (NCM) for the energy rating of dwellings, known as the Standard Assessment Procedure (SAP) requires that these instructions are complied with in conjunction with a system design checklist and an installation checklist and certificate of installation, supplied with this document and available at:
www.ncm-pcdb.org.uk/sap

The system should be installed by a suitably qualified plumber, with system design consideration being equally important to a correct installation.

For recognition of the ZYPHO iZi30 within SAP, an Installation Checklist and Installation Registration and Product Guarantee should be completed and signed, with copies kept for the home user pack (home owner), the installer, and sent to ZYPHO at the post or e-mail address shown below. Building Control Officers may also request a copy.

For the purpose of system identification of product data without SAP, the product will have an NCM (SAP) Identifier label permanently fixed to the unit, whereby the 'model qualifier' states 'refer to installation certificate, if unknown assume System B'.

A second NCM (SAP) Identifier label is also supplied and must be affixed to a nearby boiler/thermal store or service cupboard (the label must be visible for inspection without disassembly of nearby products or systems) and the 'model qualifier' states 'System A or System B or System C delete as appropriate'.

Not sending back the completed and signed system design checklist, the installation checklist and certificate of installation to ZYPHO will invalidate the guarantee.

ADMIN OFFICE ADDRESS

Zypho Limited
8 New Road
Linslade
Leighton Buzzard
Beds LU7 2LX

shower@zypho.uk

iZi30

THREADED PUSHFIT

WARRANTY OUTLINE

WARRANTY DETAILS

The ZYPHO iZi30 products come ex works fully pressure tested and QC assured.

ZYPHO only warranties the main WWHR product supplied and fittings provided in the official box and kit of parts.

ZYPHO cannot and does not warranty against poor workmanship or incorrect fitting of parts provided.

On-site, the units require fitting according to ZYPHO instructions provided.

Key factors highlighted in our installation manual include:

1. Use brackets provided to fix firmly to a sufficiently strong part of the building.
   Please note: When in use, the ZYPHO iZi30 will weigh considerably more owing to the weight of water held within.
2. The plumber must ensure the unit is fixed vertically using a spirit level.
3. On the freshwater side, fit brass connectors into the threaded plastic body of the ZYPHO iZi30.
   Please note: The plumber needs great care as incorrect alignment or over-tightening could strip the plastic thread and render the product leaky/useless.
4. On the wastewater side, correct fitting of the pipework is required. On the input side, ZYPHO provides fittings in 50 mm pipe plus a converter to 43 mm plumbing. The plumber must take care in making these connections, especially to ensure that the O-rings are not misaligned in any joints.
5. On the wastewater exit (43 mm), a suitable trap to be fitted by the plumber to prevent possible exposure to sewer gases.
6. It is important that access to this trap should be facilitated as laid out in this document. At a minimum, the trap should remain roddable through an easily-accessed rodding eye. Ideally, it should remain fully accessible to be able to observe for leaks.
7. As with any plumbing, the finished system should be properly wet-commissioned at full pressure and flow rate. All joints should be thoroughly checked for leaks before sign-off.

KEY FACTORS HIGHLIGHTED IN OUR INSTALLATION MANUAL TO INCLUDE:

1. A minimum vertical clearance of 90 mm is required to accommodate the iZi30 unit. Sufficient space must also be provided to allow for secure pipe connections and access for future maintenance. Inadequate clearance may lead to improper installation or restricted access during servicing.
2. To ensure proper drainage and efficient heat exchange, the wastewater pipe must maintain a minimum fall of 2% from the shower or bath outlet to the iZi30 inlet. This gradient prevents backflow, reduces pooling and ensures the device performs to specification.
3. The iZi30 is designed to handle a maximum incoming water pressure of 6 bar, with a recommended flow rate of less than 12.5 L/min and a maximum of 25 L/min. The water temperature must not exceed 60 °C. Exceeding these limits may result in reduced efficiency or equipment failure.
4. Installation must include a non-return valve and a shut-off valve (type EA) on the cold mains feed to the unit. A shut-off valve is also required on the preheated water outlet. All pipework between the unit and connected systems must be clearly labeled to prevent any cross-connection or unauthorised modification.
5. A qualified plumber must carry out the installation. For SAP recognition and warranty validation, the installer must complete the system design checklist, installation checklist, and installation certificate. These documents should be included in the homeowner pack and submitted to ZYPHO or the designated authority.

iZi30

THREADED PUSHFIT

REGISTRATION OF ZYPHO® INSTALLATION

It is a legal requirement under building regulations to register the installation of ZYPHO WWHR units. Completing this registration process not only ensures compliance but also helps in maintaining a record for future reference.

The quickest way to register your installation is through online registration/checklist. You can easily do this by visiting the official website at **http://www.zypho.uk/registration**

STEP-BY-STEP REGISTRATION PROCESS

1. Create User Account

- Navigate to the registration page.
- Click on the 'Register' button to initiate the account creation process.
- Fill in the required user details, which typically include:
  - Full Name
  - Contact Number
  - Email Address (ensure it is valid for account verification purposes)
- After completing the details, click on 'Submit' to create your account.
- Once registered, you will receive a confirmation email. Follow the instructions in the email to verify your account.
- After verification, return to the registration page and select 'Login' using your email address and password.

2. Complete Installation Information

- Once logged in, you will be prompted to provide information specific to the ZYPHO installation:
  - **ZYPHO Model:** Select the appropriate model from the dropdown menu.
  - **Serial Number:** This can be found on the label affixed to the ZYPHO unit. Ensure you enter it accurately to avoid registration issues.
  - **Date & Time:** This field will automatically populate with the current date and time.
  - **Name of Development:** Enter the official name of the development where the installation is located.
  - **Name of Developer:** Choose the developer's name from the dropdown menu. If the name is not listed, please contact ZYPHO customer service for assistance.
  - **Plot/House Number:** Enter the relevant house plot number. Optionally, you can also provide the street name and postcode to enhance location accuracy.

3. Provide Main Installation Company Information

- **Name of Main Installation Company:** Enter the name of the company responsible for the installation of the ZYPHO unit. This may be required for warranty or service purposes.

4. Upload Required Photo

- You will need to upload a specific photo as part of the registration:
  - **Photo:** A full view of the installed product showcasing the complete setup, including all pipe connections. This helps in verifying that the installation meets regulatory standards.

5. Complete Registration

- After filling out all the required information and uploading the necessary photos, proceed to finalise the registration by selecting the 'Register Unit' button.
- Upon successful registration, the user will receive a notification stating, 'ZYPHO Registered,' confirming that the installation is now officially registered.

By following these detailed steps, you can ensure that your ZYPHO installation is registered swiftly and correctly, complying with all necessary regulations.

If you encounter any issues during the registration process, do not hesitate to reach out to ZYPHO's customer support for assistance.

iZi30
THREADED PUSHFIT UK

The quickest way to register your installation is through online registration/checklist. You can easily do this by visiting the official website at **http://www.zypho.uk/registration**

INSTALLATION CHECKLIST
IZI30 SHOWER TRAY

STEP	ACTION	TICK
1	Mark centre point for the shower filter trap.	◯
2	Assemble connection from trap to iZi30 using a stub of 40 mm pipe and two 45° bends.	◯
3	Ensure correct levelling using a long spirit level: **a.** Ensure fall from shower to outlet (e.g. half a bubble) **b.** Ensure 100% level across other direction for even water spread of water in use steps 4 and 5.	◯
4	Fit ½" to 15 mm adaptor for fresh-water connections using two spanners. **a.** It is essential to tighten using **two** spanners to avoid torque on iZi30.	◯
5	Check iZi30 waste outlet size (50 mm or 40 mm): **a.** Cut along line if 40 mm is required. **b.** For UK plumbing, install 40–43 mm adaptor (e.g. McAlpine T28L).	◯
6	Carefully fit a non-return valve and a shut-off valve (type EA) on the cold mains feed to the unit.	◯
7	Once shower tray is laid, attach trap to drain using central screw. **a.** Ensure half basket is aligned with drain run for rodding access.	◯
8	Carefully fit a shut-off valve on the preheated water outlet. **a.** All pipework between the unit and connected systems must be clearly labelled to prevent any cross-connection or unauthorised modification.	◯
9	Tighten using supplied tool for good seal between trap and tray.	◯
10	Insert 3 filter baskets, with half basket closest to drain run.	◯
11	Place chrome cap on central spigot.	◯
12	Commission cold water side at full mains pressure to confirm no leaks around joints.	◯
13	Commission wastewater side at full mains pressure to confirm no leaks around joints.	◯
14	Place SAP sticker on hot water source (e.g. boiler or thermal store) for Building Inspector.	◯
15	Complete Registration documents for SAP (including product serial number).	◯
16	**Photos -** Take a full view of the installed product showcasing the complete setup, including all connections.	◯
17	Upload photos (refer to page 6) as instructed in the registration form (**www.zypho.uk/registration**)	◯

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The quickest way to register your installation is through online registration/checklist. You can easily do this by visiting the official website at **http://www.zypho.uk/registration**

INSTALLATION CHECKLIST
IZI30 BATHTUB

STEP	ACTION	TICK
1	Mark centre point for the shower filter trap.	◯
2	Assemble connection from trap to iZi30 using a stub of 40 mm pipe and two 45° bends.	◯
3	Ensure washer is attached to the overflow fitting.	◯
4	Connect the 360° Rotatable Trap to the bath by locating the trap with the large rubber seal under the bath drain hole. **a.** Use the chrome flange and bolt on the inside of the bath. **b.** Tighten the two together using the key supplied. **c.** Attach the stud pipe and 45° bends to the trap. **d.** Fit the plastic height adjuster to the chromed cover plate spindle: **i.** Attach the plastic height adjuster. **ii.** Click into position. **iii.** Turn to adjust.	◯
5	Insert the high-performance filter into the flange and place the chromed cover and spindle into the flange bolt.	◯
6	Carefully fit a non-return valve and a shut-off valve (type EA) on the cold mains feed to the unit.	◯
7	Before attaching the overflow to the bath, first insert the bath spindle into the overflow control mechanism.	◯
8	Turn the spindle clockwise until the chromed cover plate pops up into the open position above the flange.	◯
9	Remove the brass spindle from the control mechanism and fit overflow to bath: **a.** Align the overflow with the flat washer on the outside of the overflow hole. **b.** Carefully push the plastic mounting flange onto the overflow and tighten.	◯
10	With the line in a horizontal position, insert the brass spindle into the handle, ensuring the square end aligns with the position noted in **Step 6**.	◯
11	Push the control handle into the bath waste control mechanism on the overflow, keeping the handle in the horizontal position.	◯
12	Turn the handle anticlockwise to shut the chrome cover plate to test the waste control.	◯
13	Position the WWHR unit under the bath. **a.** Attach the 45° bend into the rubber boss on the waste inlet end. **b.** Ensure the WWHR unit is level.	◯

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The quickest way to register your installation is through online registration/checklist. You can easily do this by visiting the official website at **http://www.zypho.uk/registration**

INSTALLATION CHECKLIST
IZI30 BATHTUB

STEP	ACTION	TICK
14	Connect the cold water feed to the inlet. **a.** Ensure to fit a double check valve. **b.** Use **two** spanners when attaching fittings to the inlet tail.	◯
15	Fit pipework to the preheated water outlet. **a.** Route to the cold side of the mixer tap. **b.** Use **two** spanners when attaching fittings to the outlet tail.	◯
16	Commission cold water side at full mains pressure to confirm no leaks around joints.	◯
17	Commission wastewater side at full mains pressure to confirm no leaks around joints.	◯
18	Complete Registration documents for SAP (including product serial number).	◯
19	Place SAP sticker on hot water source (e.g. boiler or thermal store) for Building Inspector.	◯
20	Complete Registration documents for SAP (including product serial number).	◯
21	**Photos** – Take a full view of the installed product showcasing the complete setup, including all connections.	◯
22	Upload photos (refer to page 11) as instructed in the registration form (**www.zypho.uk/registration**)	◯

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INSTALLATION, REGISTRATION AND PRODUCT GUARANTEE

SAP

Plumber, Individual or Company registering this installation:

First Name: _____ Last Name: _____

Email: _____

Company Name Registering: _____

Name of Development: _____

Name of Developer: _____

Plot Number: _____

House Number: _____

Street/Building Name: _____

Suburb: _____

Town/City: _____

County: _____

Postal Code: _____

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INSTALLATION, REGISTRATION AND PRODUCT GUARANTEE

SAP

Zypho Product

iZi30 Shower Tray

Qty

Serial No.	System	Serial No.	System
Serial No.	System	Serial No.	System

iZi30 Bathtub

Qty

Serial No.	System	Serial No.	System
Serial No.	System	Serial No.	System

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INSTALLATION, REGISTRATION AND PRODUCT GUARANTEE

SAP

Date of Purchase: _____

Date of Installation: _____

Zypho product purchased from : _____

Would you like to kept informed about Zypho News?* ◯ Yes ◯ No

* Your email will be added to our mailing list which you can unsubscribe from at any time.

INSTALLER DECLARATION

I declare that the above Zypho products have been installed in accordance with the manufacturer's recommendations and the procedures outlined in this checklist.

Installation Company: _____

Installer's Name: _____

PLEASE PRINT

_____ _____

Installer's Signature Date

Upon submission your product will be registered with us and you will receive a certificate by email with the relevant details.

ZYPHO®
Shower Heat Recovery

UNITED KINGDOM
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shower@zypho.uk
www.zypho.uk