



Shower Heat Recovery Solutions



-  Improves EPC with best price-performance
-  Up to 67% energy efficiency
-  No Power. No Batteries. No Wires
-  Adaptable to shower trays, linear drains or bathtubs
-  Easy to install
-  Over 15 000 installations around the world
-  German Tech, made in Portugal
-  Legionella free



Simple and efficient. With an easy installation by any plumber, ZYPHO® offers shower drain heat recovery systems leading to energy savings and reducing carbon footprint, without compromising the aesthetics of your space.

Upgrade the shower experience by reusing the energy going down the drain.



ZYPHO SYSTEMS ARE CERTIFIED AND PATENTED



How it works

HORIZONTAL SOLUTION



ZYPHO transfers heat from the shower's waste water (40°) to the incoming cold mains (10°) supply. This preheated water (up to 31°) is then directed to either the shower mixer, the water heater or, preferably both - reducing energy consumption from 30% to 67% - Improving Energy Efficiency. Every three showers, two are for free.

VERTICAL SOLUTION

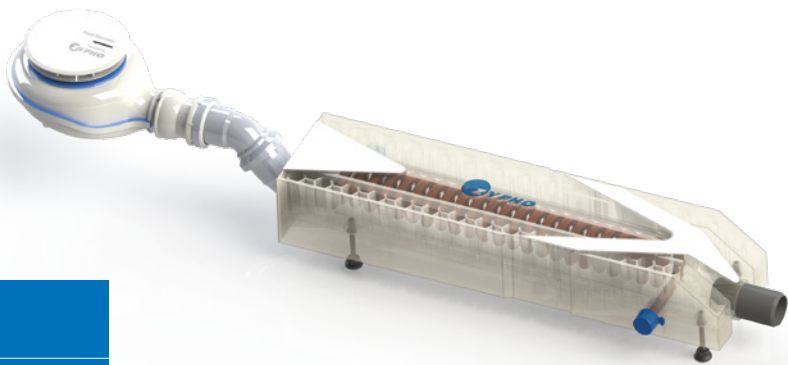


Horizontal Solutions

izi
30
HIGH FLOW
ZYIZ30D100

izi
40
ECO SHOWER
ZYIZ40D100

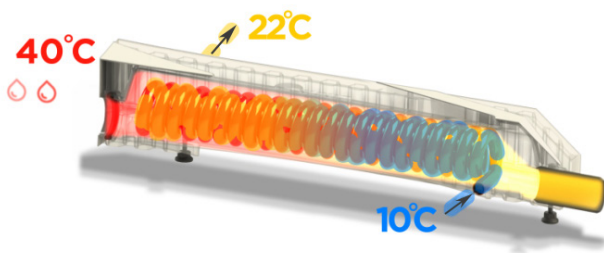
izi 30 High Flow | izi 40 Eco Shower is a horizontal shower drain heat recovery solution, with a flow drainage recommended up to 25.0L/min | 12.5L/min, able to deliver energy savings of 31% | 39%. They transfer heat from the shower's hot wastewater to the incoming cold mains supply. This preheated incoming mains water is then directed to either the shower tap, the water heater or, preferably, both.



PERFORMANCE & EFFICIENCY

| | izi 30 | | izi 40 | |
|------------|------------|---------------|------------|---------------|
| Flow Rate | Efficiency | Pressure drop | Efficiency | Pressure drop |
| 5.8 L/min | 31% | 0.2 bar | 39% | 0.1 bar |
| 9.2 L/min | 28% | 0.6 bar | 33% | 0.3 bar |
| 12.5 L/min | 25% | 1.1 bar | 29% | 0.7 bar |

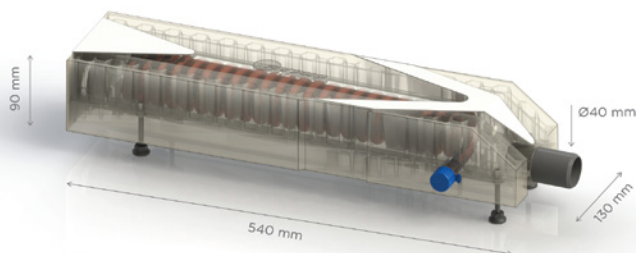
Tolerances: Efficiency ± 3 p.p. | Pressure drop ± 0.1 bar.



TECHNICAL CHARACTERISTICS

| Description | Units | Value | |
|-------------------------------------|-------|--------|--------|
| | | izi 30 | izi 40 |
| Temperature Range | C° | 0-60 | 0-60 |
| Drinking water maximum pressure | bar | 6.0 | 6.0 |
| Drained water maximum flow rate (1) | L/min | 25.0 | 12.5 |
| Heat exchanger material (2) | - | Copper | Copper |
| Body Material | - | ABS | ABS |

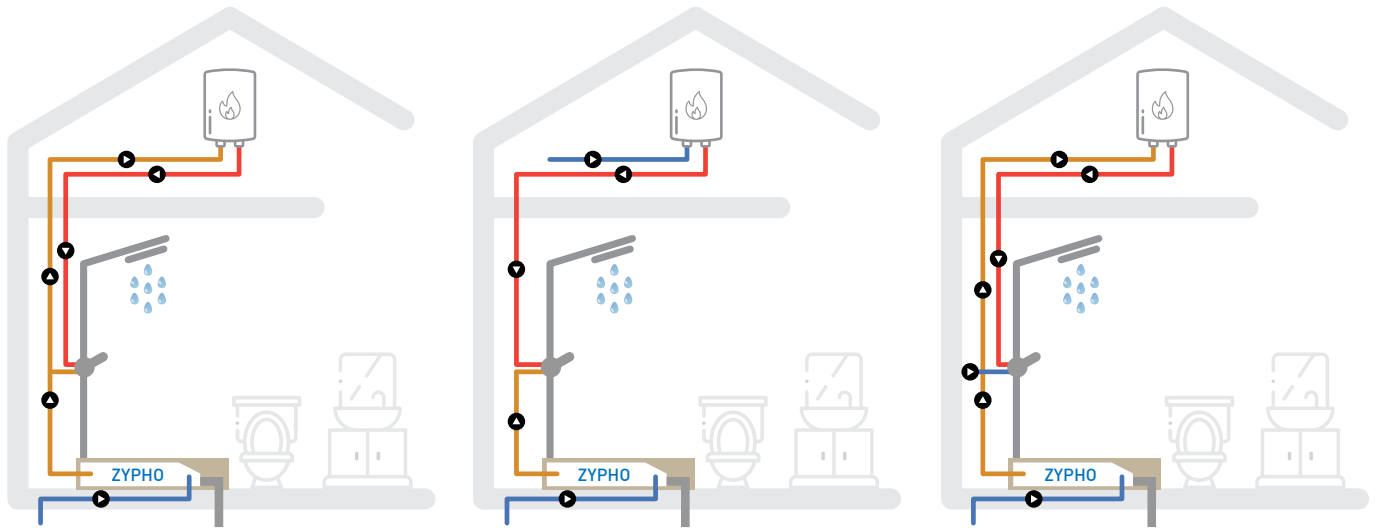
(1) Value is assuming 2cm water level. Depending on the installation, the flow rate may change.
(2): Double-walled Heat Exchanger as requested by EN1717.



● HOT WATER

● PREHEATED WATER

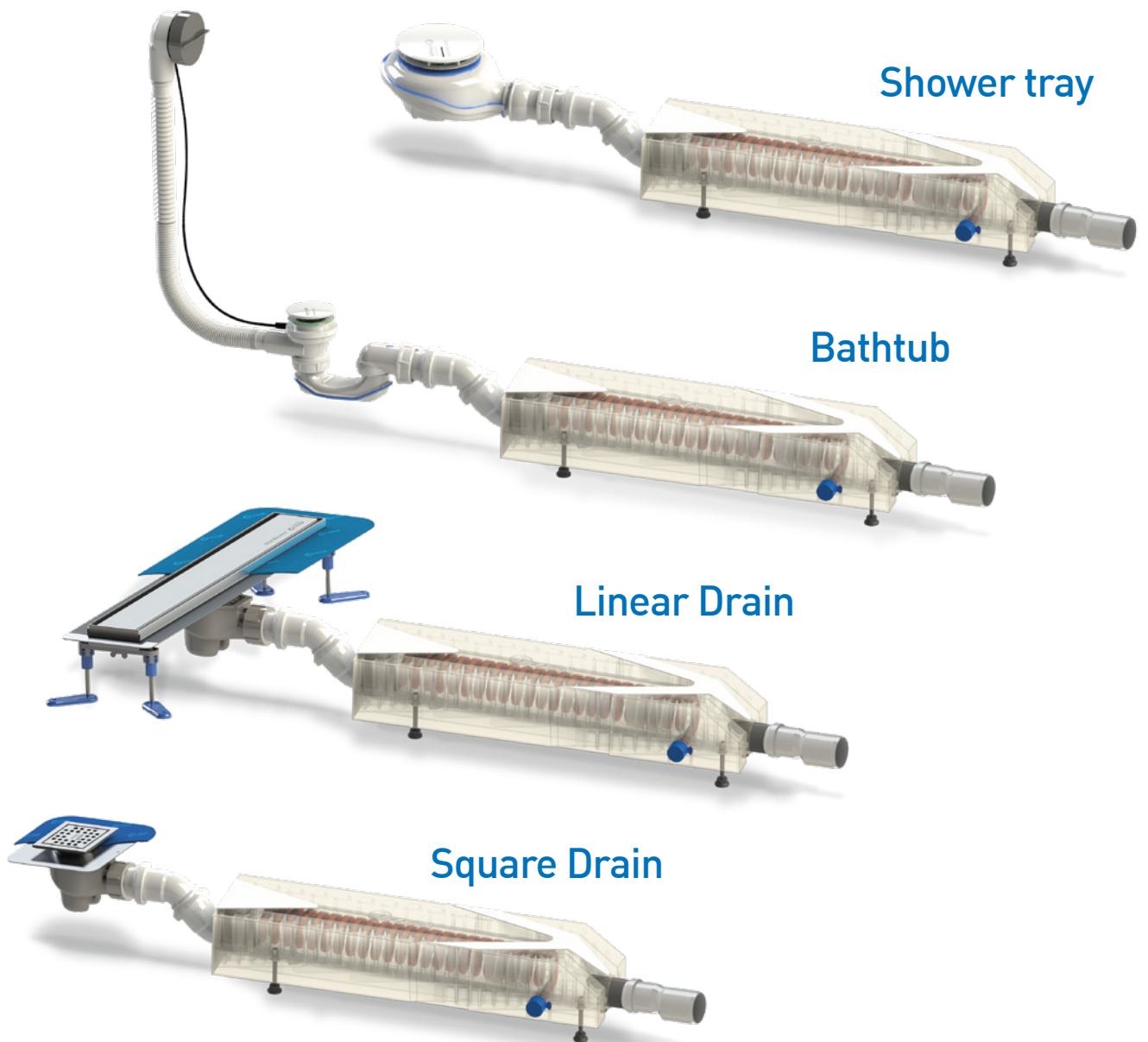
● COLD WATER



1. The preheated water is transferred to the tap and the boiler.
The most efficient configuration.

2. The preheated water is transferred to the tap only.

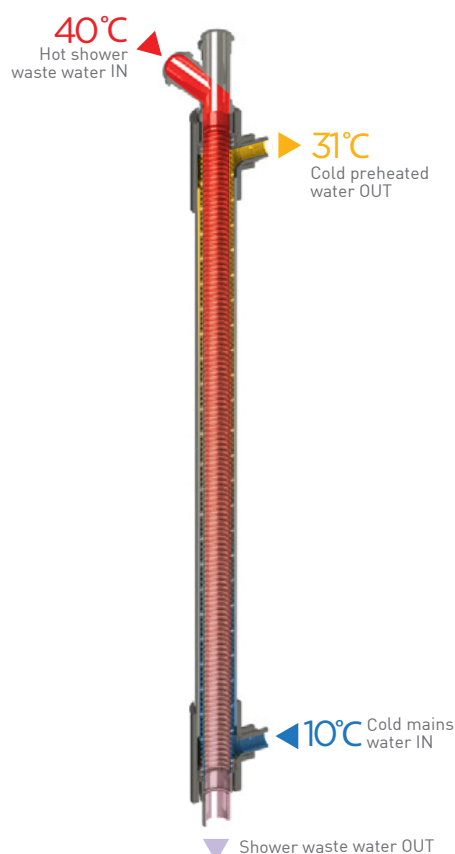
3. The preheated water is transferred to the boiler only.



PATENT PENDING

PiPe65
ZYPI65S21

Vertical Solutions



PiPe 65 is a vertical shower drain heat recovery solution adaptable to shower trays, linear drains or bathtubs, with a flow drainage recommended up to 12,5L/min, able to deliver energy savings up to 67%. It transfers heat from the shower's hot waste water to the incoming cold mains supply. This preheated incoming mains water is then directed to either the shower mixer, the water heater or, preferably, both.

PERFORMANCE & EFFICIENCY

| Flow Rate | Efficiency | Pressure drop |
|------------|------------|---------------|
| 5.8 L/min | 67% | 0.1 bar |
| 9.2 L/min | 63% | 0.2 bar |
| 12.5 L/min | 58% | 0.3 bar |

Tolerances: Efficiency ± 3 p.p. | Pressure drop ± 0.1 bar.

TECHNICAL CHARACTERISTICS

| Description | Units | Value |
|--|-------|----------------------|
| Temperature Range | C° | 0-60 |
| Drinking water maximum pressure | bar | 6.0 |
| Drained water maximum flow rate (1) | L/min | Up to 12.5 |
| Heat exchanger material | - | Stainless Steel 316L |
| Overall height required for installation | mm | ≥ 1950 |

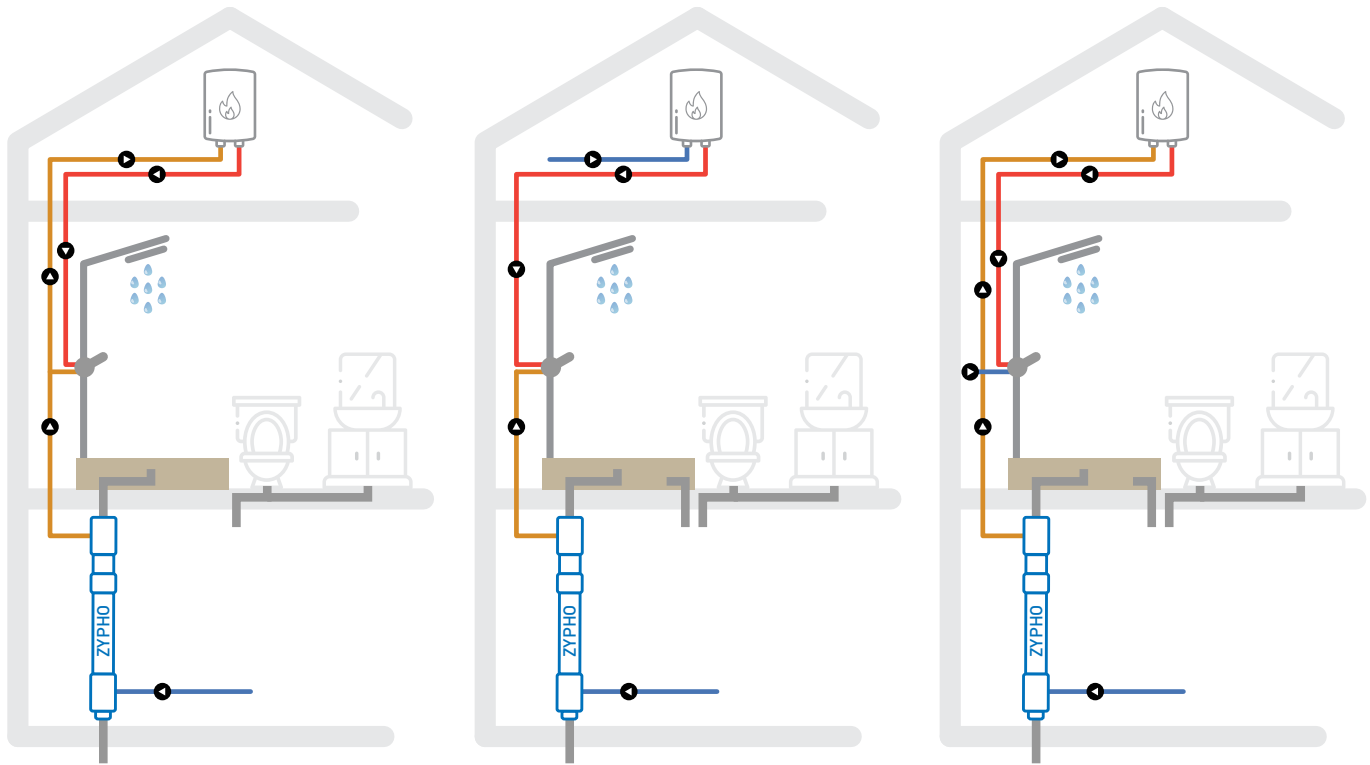
(1) Value is assuming 2cm water level. Depending on the installation, the flow rate may change.



● HOT WATER

● PREHEATED WATER

● COLD WATER

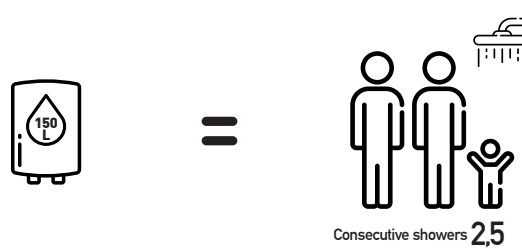


1. The preheated water is transferred to the tap and the boiler
The most efficient configuration.

2. The preheated water is transferred to the tap only.

3. The preheated water is transferred to the boiler only.

HOT WATER ENERGY SAVING SOLUTION



Pay 100%

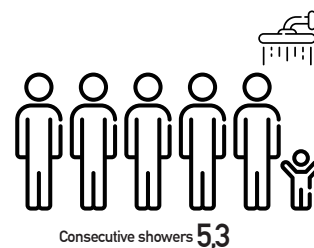
without ZypHo



+



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Pay 33%

Get 67%

with ZypHo Pipe 65





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