



Shower Heat Recovery Solutions





Improves EPC with best price-performance



Up to 73% 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



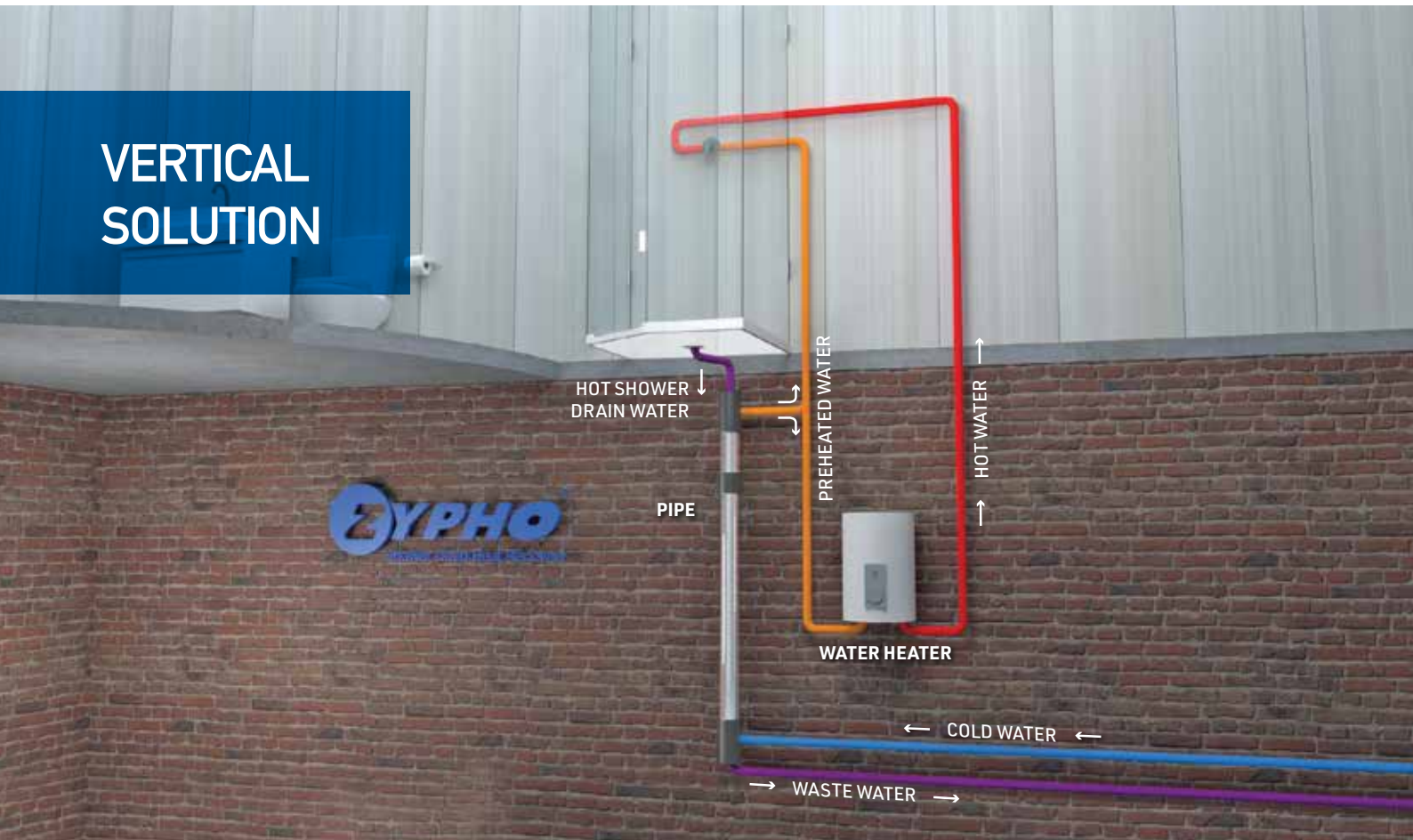
How it works

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



HOT SHOWER
DRAIN WATER

PIPE

PREHEATED WATER

HOT WATER

WATER HEATER

COLD WATER

WASTE WATER

izi
30
HIGH FLOW
ZYIZ30D100

izi
40
ECO SHOWER
ZYIZ40D100

Horizontal Solutions

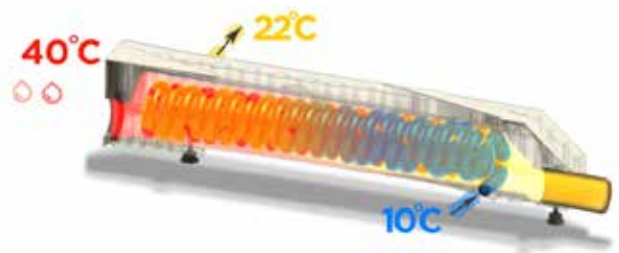
iZi 30 High Flow | iZi 40 Eco Shower is a horizontal shower drain heat recovery solution, with a flow drainage recommended up to 25.0L/min | 12.5L/min, able to deliver energy savings of 31% | 39%. They transfer heat from the shower's hot wastewater to the incoming cold mains supply. This preheated incoming 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 \pm 3 p.p. | Pressure drop \pm 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

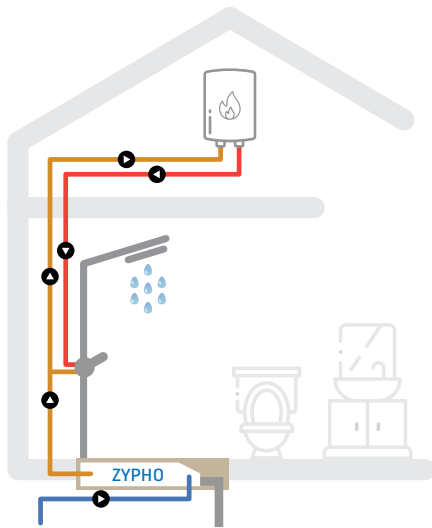
(1) Value is assuming 2cm water level. Depending on the installation, the flow rate may change.
(2): Double-walled Heat Exchanger as requested by EN1717.



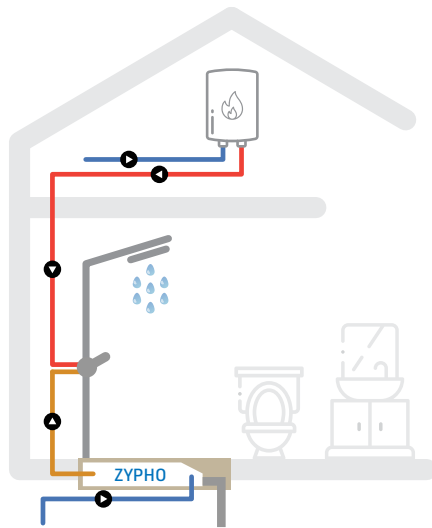
● HOT WATER

● PREHEATED WATER

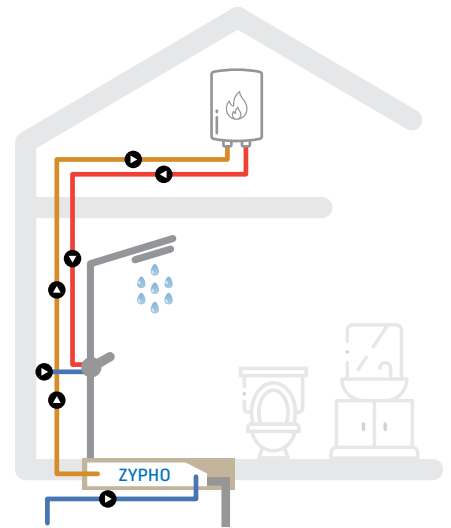
● COLD WATER



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.

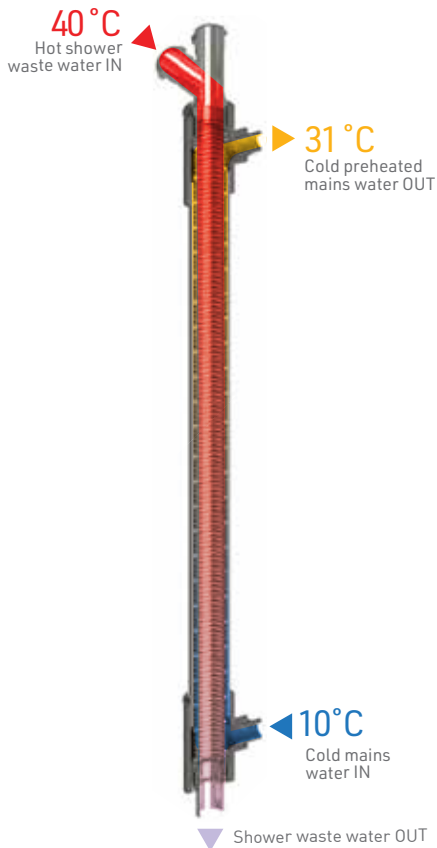


3. The preheated water is transferred to the boiler only.



Vertical Solutions

SW60 SW65 SW70
ZYPI60S2200 ZYPI65S2200 ZYPI70S2200



PiPe is a vertical shower drain heat recovery solution adaptable to shower drains, linear drains or bathtubs, with a flow drainage recommended up to 12,5 L/m, able to deliver energy savings up to 67%.

PiPe transfers heat from the showers 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

PiPe	SW60	SW65	SW70			
FLOW RATE	EFFICIENCY	PRESSURE DROP	EFFICIENCY	PRESSURE DROP	EFFICIENCY	PRESSURE DROP
5.8 L/min	61,2%	0,0 - 0,1 bar	66,6%	0,0 - 0,1 bar	72,5%	0,1 - 0,2 bar
9.2 L/min	57,4%	0,2 - 0,5 bar	62,7%	0,3 - 0,6 bar	68,7%	0,3 - 0,6 bar
12.5 L/min	50,5%	0,2 - 0,4 bar	57,6%	0,4 - 0,8 bar	64,1%	0,5 - 0,9 bar

Tolerances: Efficiency \pm 3 p.p. | Pressure drop \pm 0.1 bar.

TECHNICAL CHARACTERISTICS

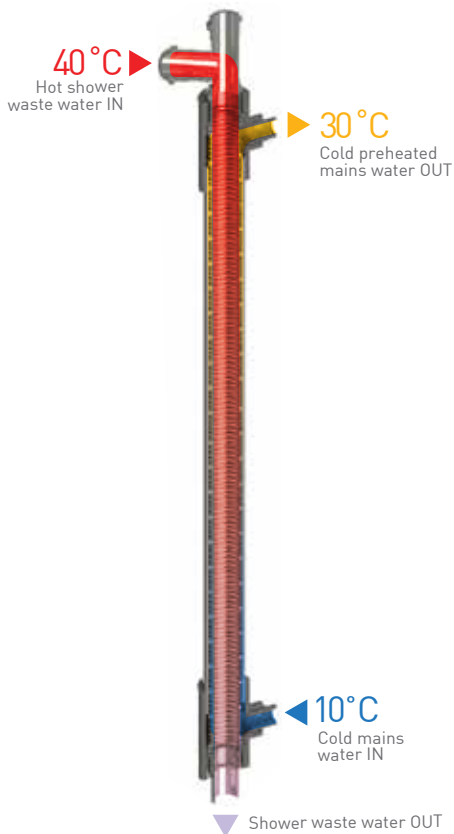
Description	Units	Value PiPe
Temperature Range	C°	0-60
Drinking water maximum pressure	bar	6.0
Drained water maximum flow rate (1)	L/min	25.0
Drained water recommended flow rate	L/min	12.5
Heat exchanger material	-	Stainless steel 316L
Body Material	-	Stainless steel / PVC
Overall height required for the installation	mm	> 1950

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



Vertical Solutions

DW55 DW60 DW65
ZYPI55D2200 ZYPI60D2200 ZYPI65D2200



PiPe Double Wall is a vertical shower drain heat recovery solution adaptable to shower drains, linear drains or bathtubs, with a flow drainage recommended up to 12,5 L/m, able to deliver an efficiency up to 64%. PiPe Double Wall comes with a double wall heat exchanger according to EN 1717.

PiPe Double Wall transfers heat from the showers 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

PiPe		DW55		DW60		DW65	
FLOW RATE	EFFICIENCY	PRESSURE DROP	EFFICIENCY	PRESSURE DROP	EFFICIENCY	PRESSURE DROP	
5.8 L/min	53,1%	0,1 - 0,2 bar	60,0%	0,1 - 0,2 bar	64,0%	0,1 - 0,2 bar	
9.2 L/min	42,4%	0,2 - 0,5 bar	53,6%	0,3 - 0,6 bar	59,4%	0,3 - 0,6 bar	
12.5 L/min	40,7%	0,3 - 0,7 bar	48,2%	0,4 - 0,8 bar	57,7%	0,5 - 0,9 bar	

Tolerances: Efficiency \pm 5 p.p.

TECHNICAL CHARACTERISTICS

Description	Units	Value
		PiPeDW
Temperature Range	C°	0-60
Drinking water maximum pressure	bar	6.0
Drained water maximum flow rate (1)	L/min	25.0
Drained water recommended flow rate	L/min	12.5
Heat exchanger material	-	Stainless steel 316L
Body Material	-	Stainless steel / PVC
Overall height required for the installation	mm	1650 / 2000 / 2400

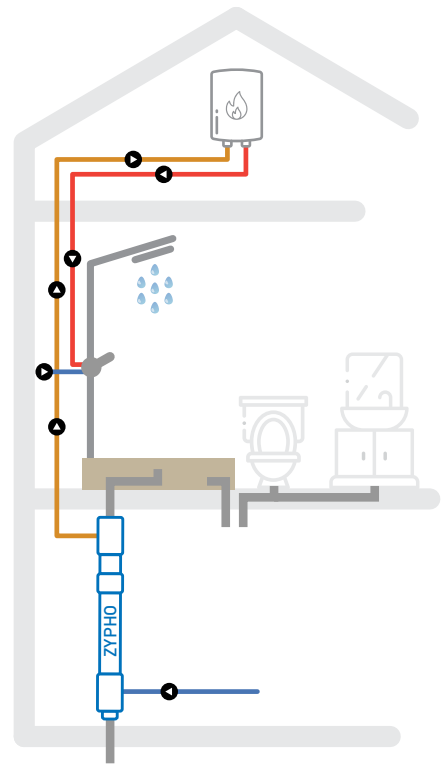
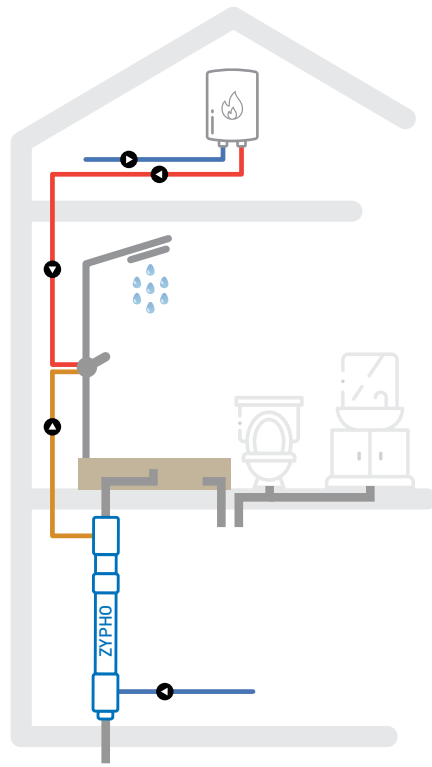
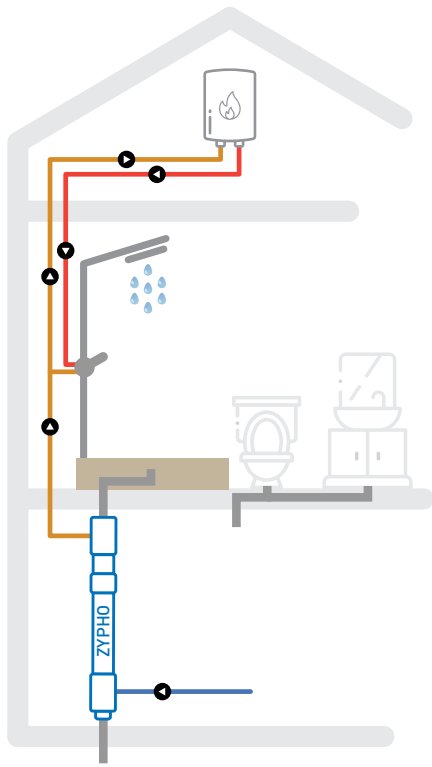
(1): Value is assuming 2cm water level. Depending on the installation, the flow rate may change.



● HOT WATER

● PREHEATED WATER

● COLD WATER

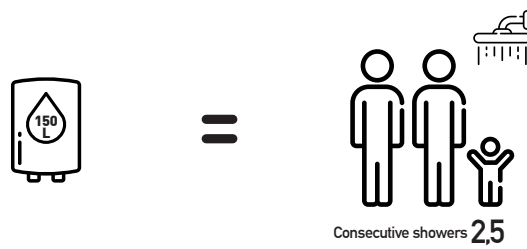


1. The preheated water is transferred to the tap and the boiler
The most efficient configuration.

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%

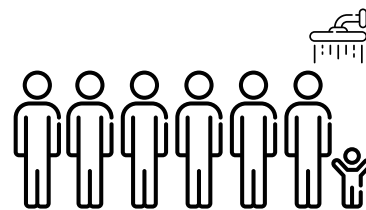
without ZypHo



+



=



Consecutive showers 6,3

Pay 25%

Get 75%

with ZypHo PipeSW75





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