



# TECHNICAL SPECIFICATIONS

## PiPe65

ZYIPI65S21



Easy to install



Adaptable to shower trays, linear drains or bathtubs



No Power  
No Batteries.  
No Wires



Legionella free



Up to 67% energy efficiency

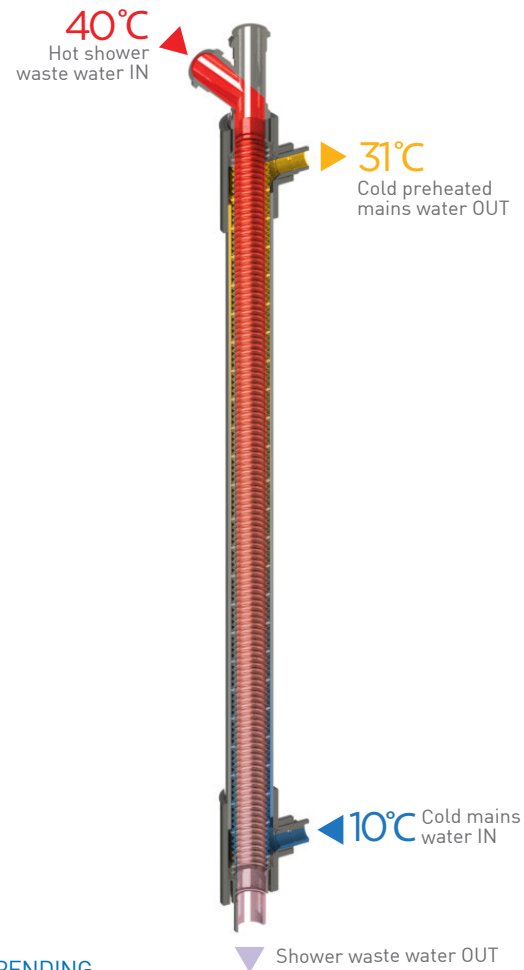


5 years warranty



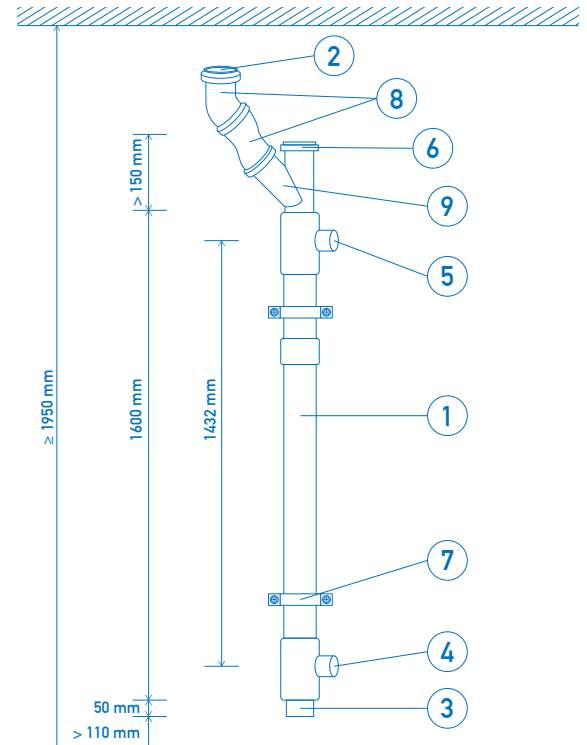
PiPe 65 is a vertical shower drain heat recovery solution adaptable to shower drains, linear drains or bathtubs, with a flow drainage recommended up to 12,5 L/m, able to deliver energy savings up to 67%. PiPe 65 transfers heat from the showers hot waste water to the incoming cold mains supply. This preheated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

### HOW IT WORKS



PATENT PENDING

### COMPONENTS AND DIMENSIONS

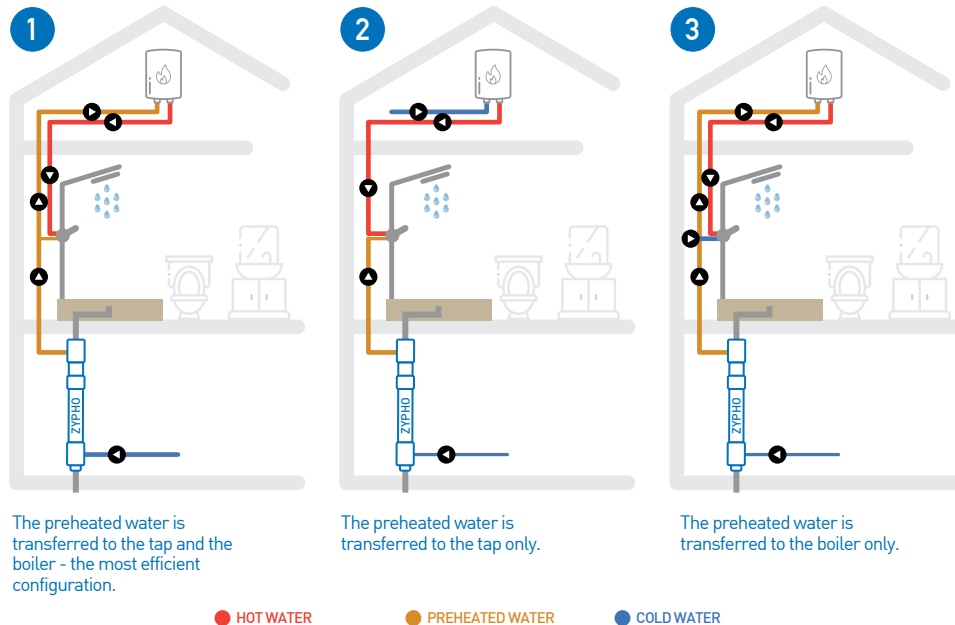


#	MAT.	CON.	DIM.
1	Product body	Stainless Steel	- Ø80 mm
2	Shower waste water inlet	PVC	F Ø50 mm
3	Waste water discharge	PVC	M Ø50 mm
4	Cold water inlet	PVC	F 3/4"
5	Mains cold water outlet	PVC	F 3/4"
6	Cleaning access	PVC	- -
7	Fixing clamp	Metal/Rubber	- -
8	45° Elbow	PVC	M/F Ø50 mm
9	45° Fork	PVC	M/F Ø50 mm

## TECHNICAL CHARACTERISTICS

Description	Units	Value <b>PiPe65</b>
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.



## PERFORMANCE & EFFICIENCY

<b>PiPe65</b>		
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  $\pm$  3 p.p. | Pressure drop  $\pm$  0.1 bar.

## ZYPHO SYSTEMS ARE CERTIFIED AND PATENTED



## LEGIONELLA PREVENTION

Zypho® iZi design minimizes Legionella-related risks:

- Drain water does not stall inside the unit because the water is fully drained out at the end of every shower.
- After every shower the preheated water immediately cools below 25 ° C, which is a safe temperature according to WHO and European Working Group for Legionella Infections.
- Since the unit is installed relatively close to the shower mixer, the distance between the unit and the shower trap is minimized.

## MAINTENANCE

Zypho® PiPe Heat Exchangers have been designed to require minimal maintenance efforts. Periodic cleaning is recommended to optimise energy exchange. Use a non-corrosive drain cleaner or a water jet. We recommend our non-corrosive biological drain cleaner with the reference ZYMN00000C1 or our water jet brush ZYMN00000J1

UK distribution by ZapCarbon Ltd.

For more information, please email: [Zypho @ ZapCarbon.com](mailto:Zypho@ZapCarbon.com)

Alternatively call us on 0845 052 3682 / 07879 69 59 87