ZYPHO®

TECHNICAL SPECIFICATIONS

PiPe60

ZYIPI60S22

zypho.uk

TECHNICAL SPECIFICATIONS

PiPe60

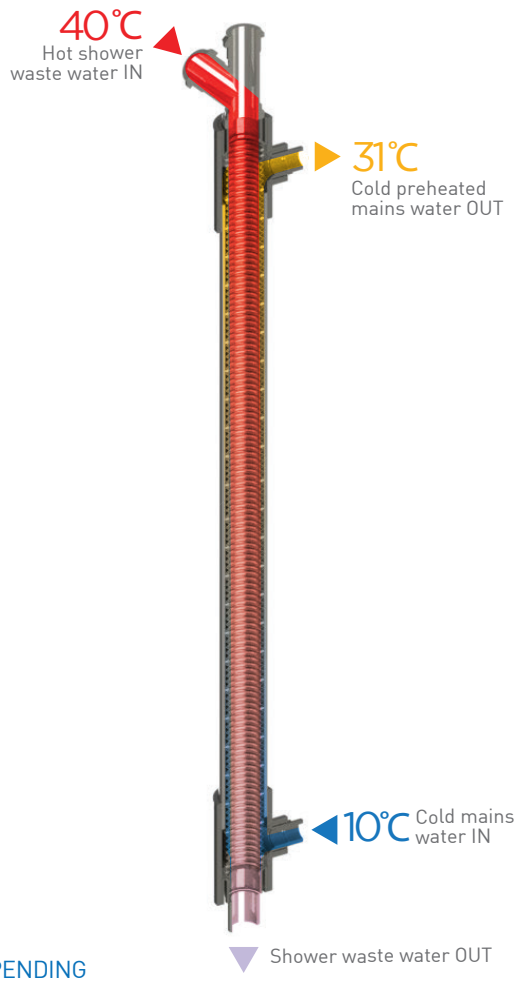
ZYIPI60S22

- 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

ZYPHO®

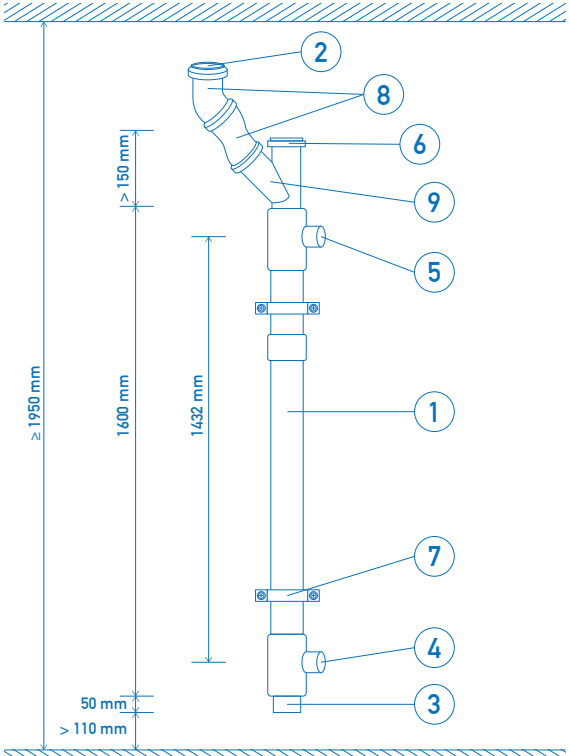
PiPe 60 is a vertical shower drain heat recovery solution adaptable to shower drains, linear drains or bathtubs, with a flow drainage recommended up to 12,5 L/m, able to deliver energy savings up to 67%.
PiPe 60 transfers heat from the showers hot waste water to the incoming cold mains supply. This preheated 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

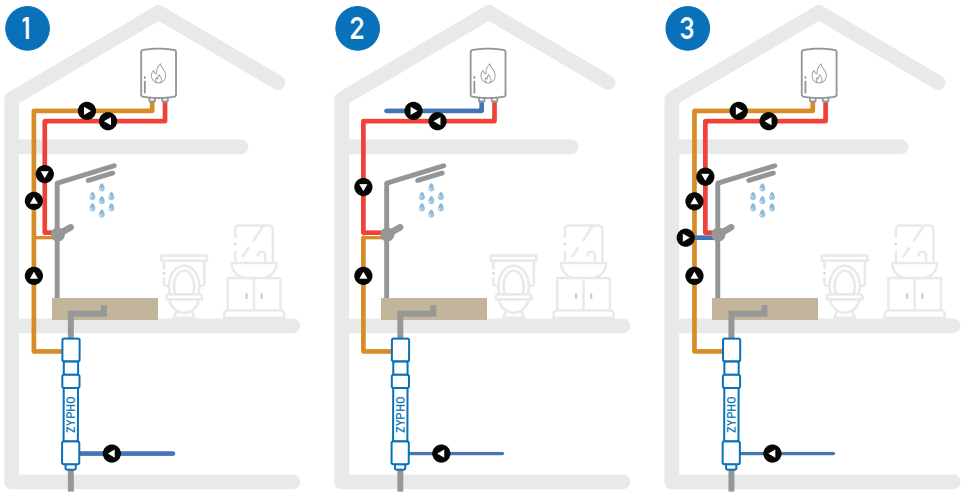


#		MAT.	CON.	DIM.
1	Product body	Stainless Steel	-	Ø80 mm
2	Shower waste water inlet	PVC	F	Ø50 mm
3	Waste water discharge	PVC	M	Ø50 mm
4	Cold water inlet	PVC	F	¾"
5	Mains cold water outlet	PVC	F	¾"
6	Cleaning access	PVC	-	-
7	Fixing clamp	Metal / Rubber	-	-
8	45° Elbow	PVC	M/F	Ø50 mm
9	45° Fork	PVC	M/F	Ø50 mm

TECHNICAL CHARACTERISTICS

Description	Units	Value PiPe60
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 heigth required for the installation	mm	› 1950

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



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

The preheated water is transferred to the tap only.

The preheated water is transferred to the boiler only.

HOT WATER PREHEATED WATER COLD WATER

PERFORMANCE & EFFICIENCY

PiPe60		
Flow Rate	Efficiency	Pressure drop
5.8 L/min	61,2%	0.1 bar
9.2 L/min	57,4%	0.2 bar
12.5 L/min	50,5%	0.3 bar

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

ZYPHO® SYSTEMS ARE CERTIFIED AND PATENTED

LEGIONELLA PREVENTION

Zypho® iZi design minimises 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 minimised.

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.

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