

Technical Specifications

iZi 30 High Flow – ZYIZ30D100

iZi 40 Eco Shower – ZYIZ40D100

DESCRIPTION

iZi 30 High Flow | iZi 40 Eco Shower is a horizontal shower drain heat recovery solution adaptable to shower trays, linear drains or bathtubs, with a flow drainage recommended up to 25L/min | 12.5L/min, able to deliver energy savings of 31% | 39%.

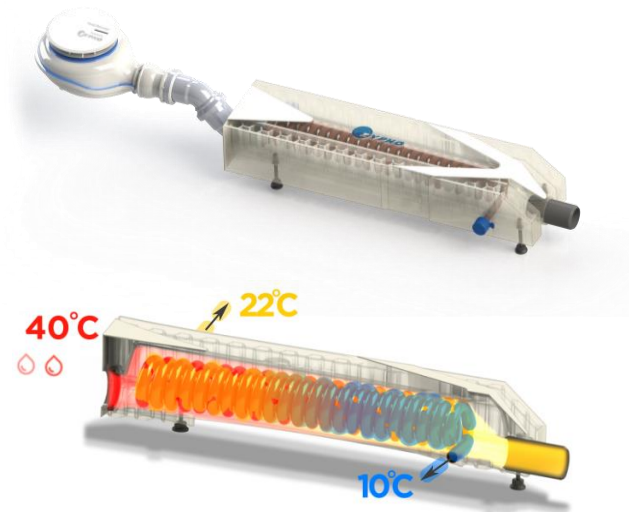
iZi 30 High Flow | iZi 40 Eco Shower transfers heat from the shower's hot wastewater to the incoming cold mains supply. This preheated incoming mains water is then directed to either the shower tap, the water heater or, preferably, both.

PERFORMANCE & EFFICIENCY

Flow rate	iZi 30		iZi 40	
	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 0.5 p.p.

Pressure drop \pm 0.1 bar.



TECHNICAL CHARACTERISTICS

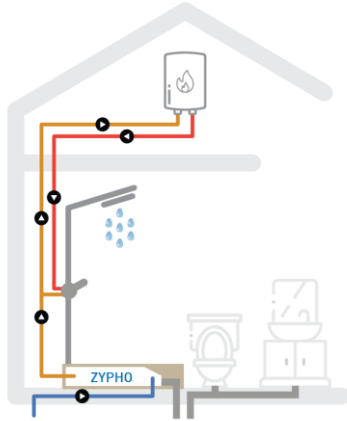
Description	Units	Value	
		iZi 30	iZi 40
Temperature Range	°C	0-60	0-60
Drinking water maximum pressure	bar	6.0	6.0
Drained water maximum flow rate (1)	L/min	25.0	12.5
Heat exchanger material (2)	–	Copper	Copper
Body Material	–	ABS	ABS

(1): Depending on the installation, the flow rate may change and assumes 2cm water level.

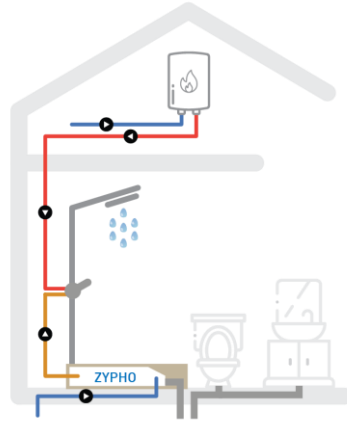
(2): Double-walled Heat Exchanger as requested by EN1717.

INSTALLATION CONFIGURATION OPTIONS

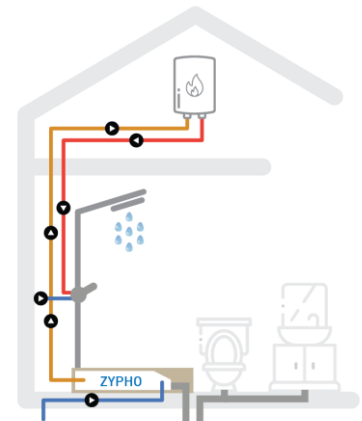
● Warm Water ● Preheated Water ● Cold Water



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



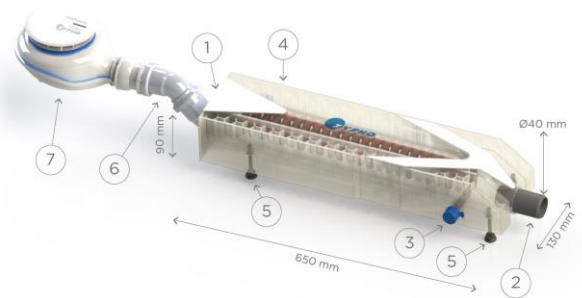
2. The preheated water is transferred to the tap only.



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

COMPONENTS AND DIMENSIONS

#	Description	Mat.	Con.	Qty
1	Drain water inlet Ø40	ABS	F	1
2	Water discharge Ø40	PVC	M	1
3	Input connector ½"	Gunmetal	M	1
4	Output connector ½"	Gunmetal	M	1
5	Adjustable foot	Steel Plastic	-	4
6	Connector	PVC	-	1
7	Waste / trap (example)	Stainless Steel Plastic	-	1



DRAINS | TRAPS

Available with tray, bath trap or linear drains.



Tray trap

Bath trap

Square drain

Linear drain

LEGIONELLA PREVENTION

iZi 30 High Flow | iZi 40 Eco Shower's design minimizes Legionella-related risks:

- The unit has no dead spaces and is subject to high flow rates, preventing water stagnation.
- Drain water never stays inside the unit for a long time, since the construction guarantees that it is fully drained out at the end of every shower.
- After the shower, the cold water cools down to less than 25°C, as recommended by the WHO and the European Working Group for Legionella Infections.
- Since iZi 30 High Flow | iZi 40 Eco Shower is installed relatively close to the shower tap, the distance between the unit and the shower trap is minimized.

MAINTENANCE

iZi 30 High Flow | iZi 40 Eco Shower has been designed to require minimal maintenance efforts.

It must be installed with a shower drain that incorporates a filter and trap to prevent the passage of debris. Like any other drainpipe, a periodic cleaning is recommended. Use a non-corrosive drain cleaner or a water jet. We recommend our non-corrosive biological drain cleaner with the reference ZYMN00000C1 and/or our water jet brush ZYMN00000J1.

iZi 30 High Flow | iZi 40 Eco Shower's performance and warranty require the installation of our traps & filters. Select shower, bath or drain trap from Zypho®'s brochure.

ZYPHO systems are certified and patented

