

Technical specifications

Slim 50 Glue discharge / crimped sanitary water ZYSL50GDCS00



Zypho® Slim is a system designed to optimize water heating. It recovers heat from the shower wastewater to preheat the cold water at the inlet of the thermostatic mixer, reducing the amount of hot water needed for the shower.


- Reduces energy consumption by up to 44%
- Increases energy efficiency by up to 52%




- ✓ No maintenance required. Can be installed in new or retrofitted buildings
- ✓ Zypho® Slim 50 has several installation options with special and efficient waste trap filters:

Zypho® Slim range

			
Zypho® SLIM 50 REF. ZYSL50GDCSSV	Zypho® SLIM 50 REF. ZYSL50GDCSBV	Zypho® SLIM 50 REF. ZYSL50GDCSL7/8/9	Zypho® SLIM 50 REF. ZYSL50GDCSL1
SHOWER TRAP	BATH TRAP	LINEAR DRAIN	SQUARE DRAIN

 IMPROVING ENERGY EFFICIENCY

 DOUBLE-WALL AS REQUESTED BY EN 1717 STANDARD

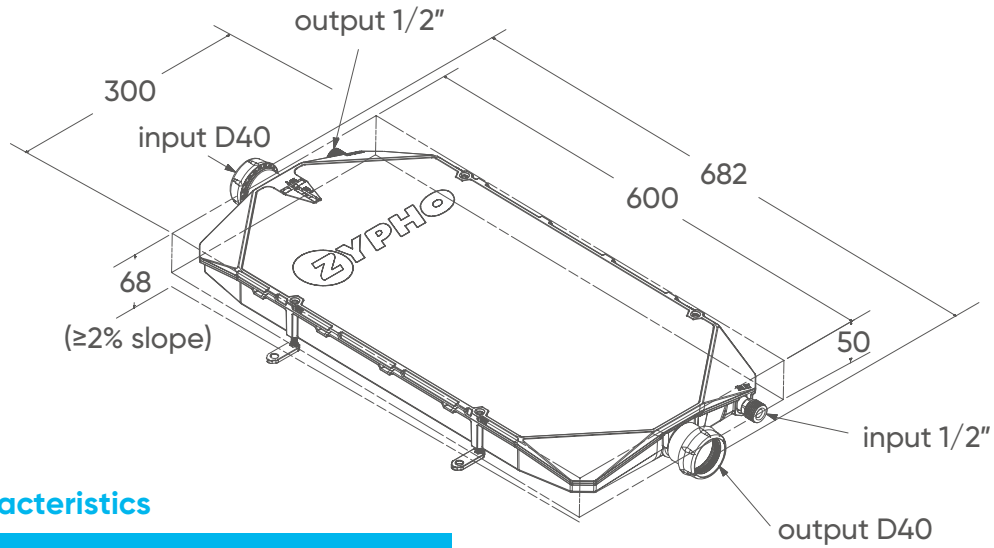
 REDUCING ENERGY BILL

 WARRANTY 5 YEARS DESIGNED TO LAST
*Warranty conditions inside.

 QUICK AND SAFE INSTALLATION

 FULL FLOW: NO RESTRICTION





Technical Characteristics

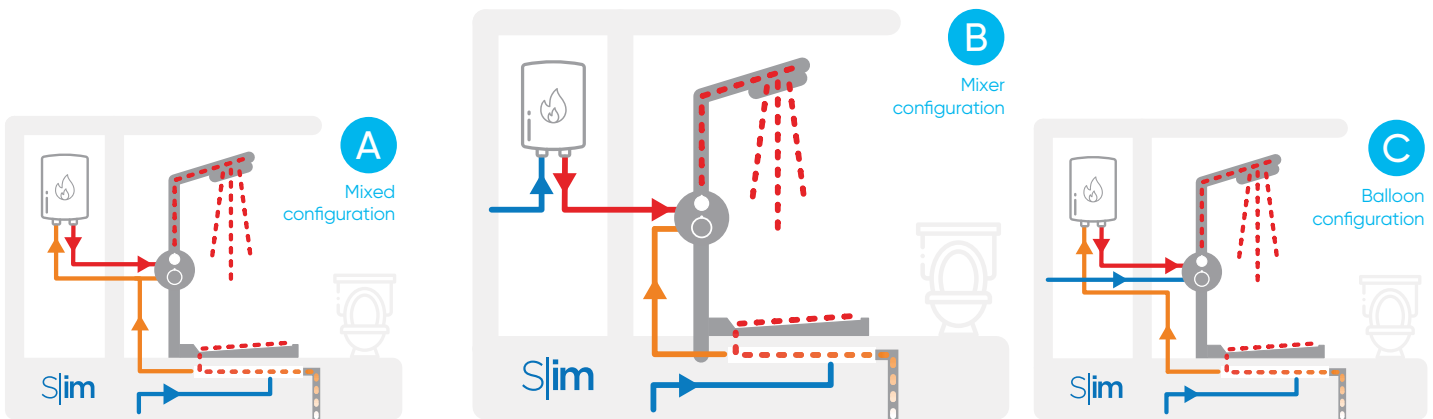
Description	Units	Value
Operating temperature	°C	5-60°
Drinking water maximum pressure	bar	6.0
Drained water maximum flow rate (1)	L/Min	25.0
Drained water recommended flow rate	L/min	12.5
Heat exchanger material (2)	-	Copper
Body Material	-	PP

(1): Value is assuming 2cm water level. Depending on the installation, the flow rate may change.
(2): Double-wall Heat Exchanger as requested by EN 1717.

Performance & Efficiency

Flow Rate	Efficiency*	Pressure drop
5,8 L/min	52,6 %	0,1-0,3 bar
9,2 L/min	51,2 %	0,4-0,7 bar
12,5 L/min	46,5 %	0,6-1,0 bar

Tolerances: Efficiency ± 3 p.p.
*Tests conducted by Kiwa



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

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

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

55°C 40°C 29°-31°C 10°C

For an optimal comfort in use, use a thermostatic mixer

Position an 'EA' valve on the Cold Sanitary Water inlet

Zypho® Slim systems are certified and patented



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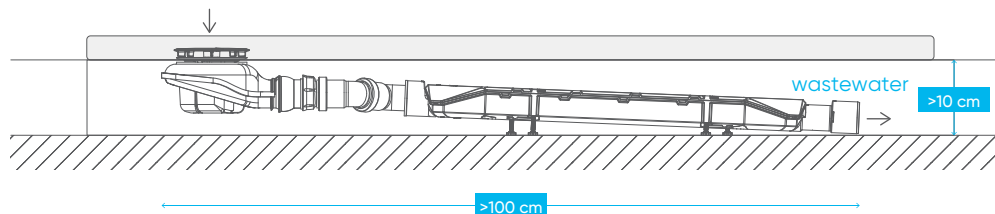
Dimensions of recess:

In each of the cases below, position the drain connection opposite the draining hole.

INSTALLATION ABOVE THE CONCRETE SLAB

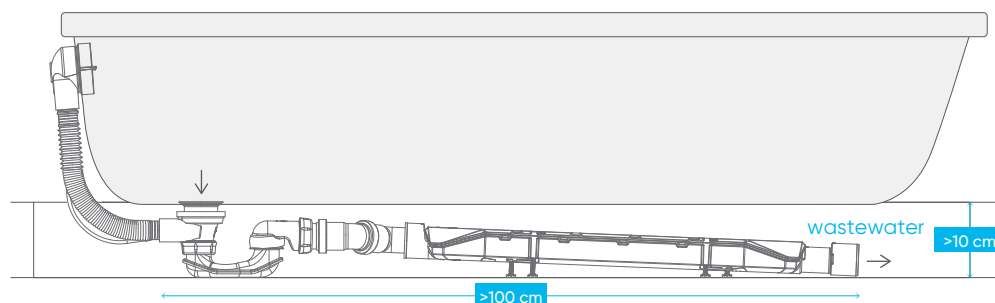
Under shower tray:

Height of 10 cm under the shower tray with Zypho® shower trap and a set of 45° elbows almost flat.



Under bathtub (in shower mode):

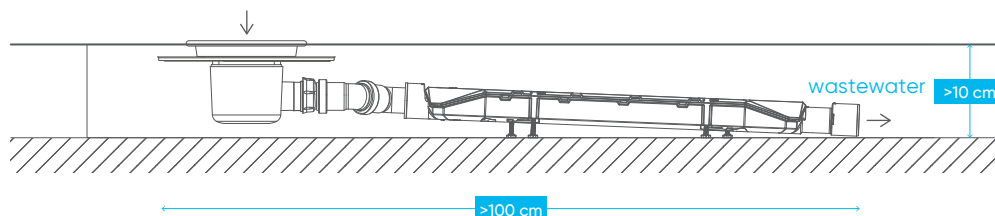
10 cm height under bath with Zypho® Bath Trap



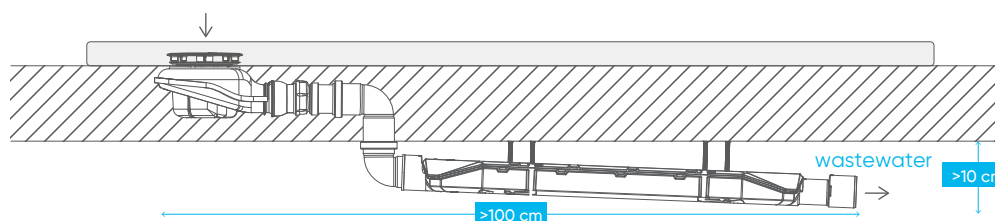
Tiled shower:

Height of 10 cm before the slope is formed and the floor covering with linear/square drain.

Minimum covering of 2 cm of screed above the recuperator



IN SUSPENDED CEILING:



For any other type of installation, ask your sales representative for more information

Installation

- Refer to and comply with the requirements of the installation instructions.

Regulations / Certificates

Performance certified by KIWA. Product tested according to the procedure described in annex U of the NTA 8800:2023 (Report number P000320518)

- Double wall as requested by EN 1717.
- According to NF EN 1717, the heat recovery unit must be equipped with a 'EA' type protection set (shut-off valve and EA type non-return valve) upstream to protect the Cold Sanitary Water network.

Warranty

The heat recovery unit is guaranteed in accordance with Aliaxis general terms and conditions for an extended period of 5 years.

Maintenance-Free

- Zypho® heat exchangers were designed to be maintenance-free.
- Zypho® systems must be installed with the sanitary trap provided.
- Periodic cleaning with a bio-based drain cleaner every one to two years is recommended to optimize heat exchange.
- Use a non-corrosive drain cleaner or a water jet. We recommend our water jet brush ZYJB000000J2;
- After using detergents, be sure to follow the usual rinsing instructions.
- The use of strong acids (such as sulfuric acid) for the maintenance of pipes is forbidden.