



TECHNICAL SPECIFICATIONS

PiPeDW

STANDARD SHOWER

DW55	DW60	DW65
ZYPI55D2200	ZYPI60D2200	ZYPI65D2200
1,25M	1,60M	2,00M



Easy to install



Adaptable to shower trays, linear drains or bathtubs



No Power
No Batteries.
No Wires



Legionella free



Up to 64% energy efficiency

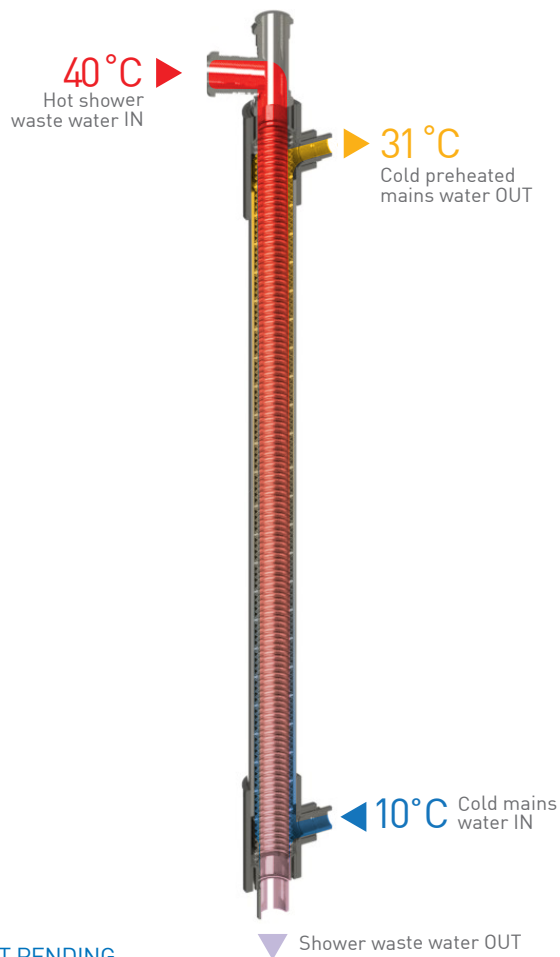


5 years warranty



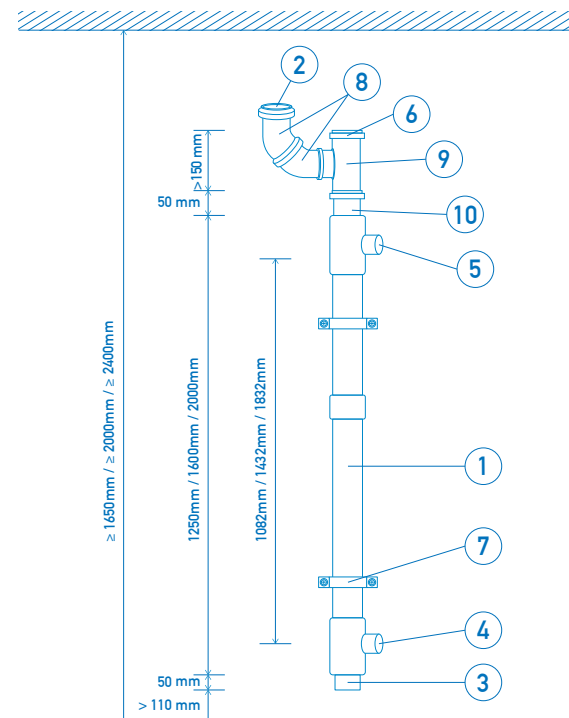
PiPe DOUBLE WALL is a vertical shower drain heat recovery solution adaptable to shower drains, linear drains or bathtubs, with a flow drainage recommended up to 12,5 L/m, able to deliver an efficiency up to 64%. PiPe DOUBLE WALL comes with a double wall heat exchanger according to EN 1717. PiPe DOUBLE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

HOW IT WORKS



PATENT PENDING

COMPONENTS AND DIMENSIONS

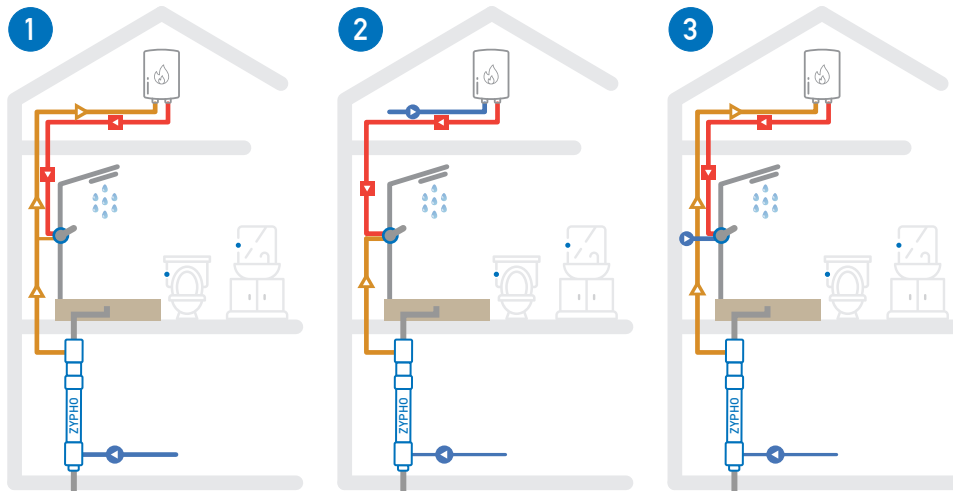


#	MAT.	CON.	DIM.
1	Product body	Stainless Steel /PVC	- Ø80 mm
2	Shower waste water inlet	PVC	F Ø50 mm
3	Waste water discharge	PVC	M Ø50 mm
4	Cold main water inlet	PVC	F 1/2"
5	Cold preheated mains water outlet	PVC	F 1/2"
6	Cleaning access	PVC	- -
7	Fixing clamp	Metal/Rubber	- -
8	45° Elbow	PVC	M/F Ø50 mm
9	Tee piece 90°	PVC	M/F Ø50 mm
10	Leak detection tube	PVC	M/F Ø50 mm

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.



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 ▲ PREHEATED WATER ● COLD WATER

PERFORMANCE & EFFICIENCY

	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 3 p.p.

ZYPHO SYSTEMS ARE CERTIFIED AND PATENTED



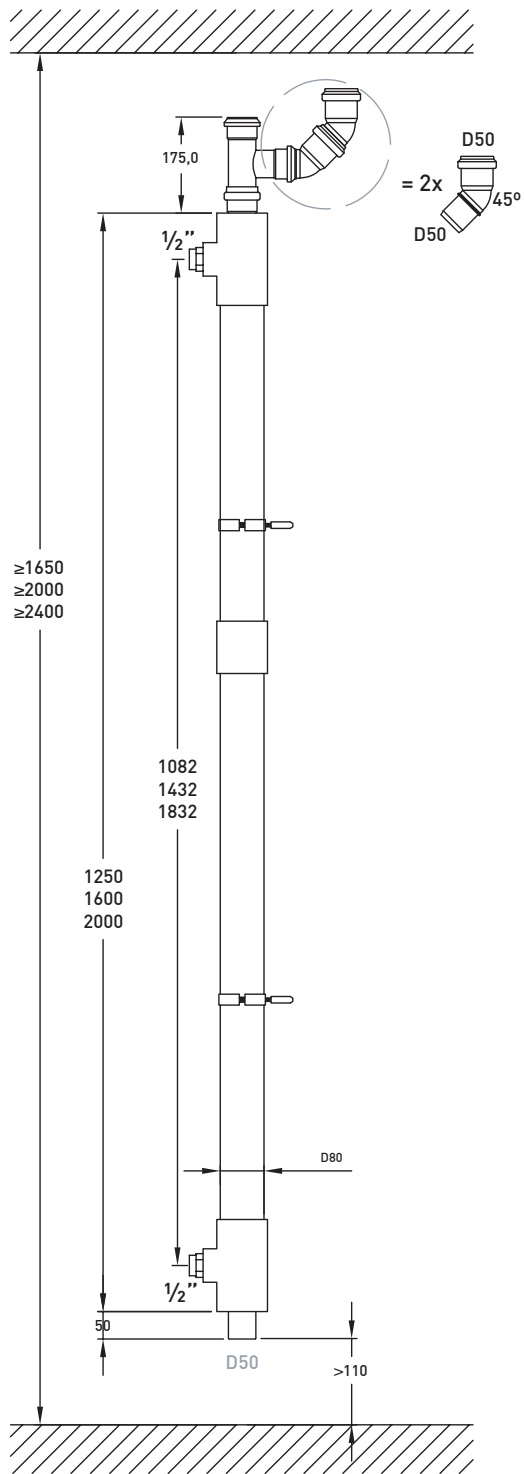
LEGIONELLA PREVENTION

Zypho® PiPe 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




PiPeDW

HIGH FLOW SHOWER

DW55 ZYPI55D2200 DW60 ZYPI60D2200 DW65 ZYPI65D2200

TECHNICAL DRAWING

 COMPANY		Zypho, S.A.		
DESCRIPTION		Technical drawing		
PROJECT		Zypho PiPe DOUBLE WALL		DESIGNER J. Meliço
DATE	TOLERANCE	SCALE	UNITS	VERSION
03/11/21	+/- 2%	1:10	mm	MG_DTEN1221V2