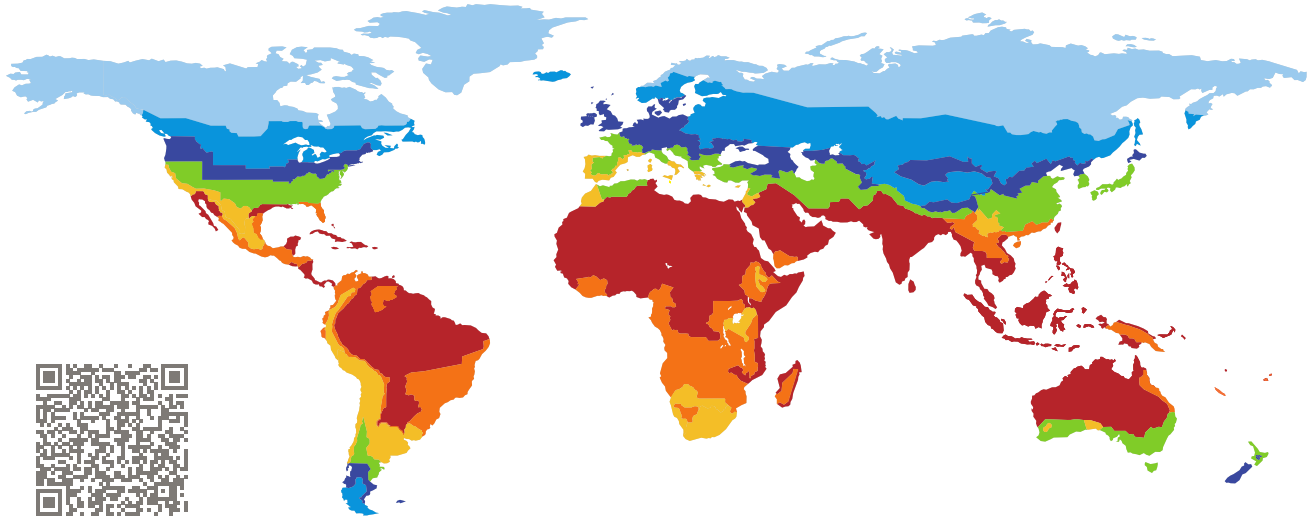


# CERTIFICATE

Certified Passive House Component

Component-ID 1772sr00 valid until 31st December 2023

Passive House Institute  
Dr. Wolfgang Feist  
64283 Darmstadt  
Germany



Category: **Drain water heat recovery**

Manufacturer: **ZYPHO,  
Vila Nova de Gaia,  
Portugal**

Product name: **ZYPHO PiPe DW65**

## This certificate was awarded based on the following criteria:

Tested under standard boundary conditions<sup>1</sup> the system reduces the useful energy demand for shower by

53 %  $\geq$  30 %

## Further properties

Pressure drop tap water at 8 l/min: 0.24 bar  
Connection tap water: 1/2"AG 3/4"IG  
Connection waste water: DN 50

nominal efficiency

64 %

effective dead time

5 s

design flow rate

8 l/min



<sup>1</sup>Balanced flow rates, cold water temperature 10 °C,  
Temperature at shower head 40 °C, waste water temperature 35 °C,  
negligible pipe length, shower time 6 min,  
flow rate 8 l/min

Passive House  
efficiency class

phE

phD

phC

phB

phA

phA+

all climate zones



**CERTIFIED  
COMPONENT**

Passive House Institute