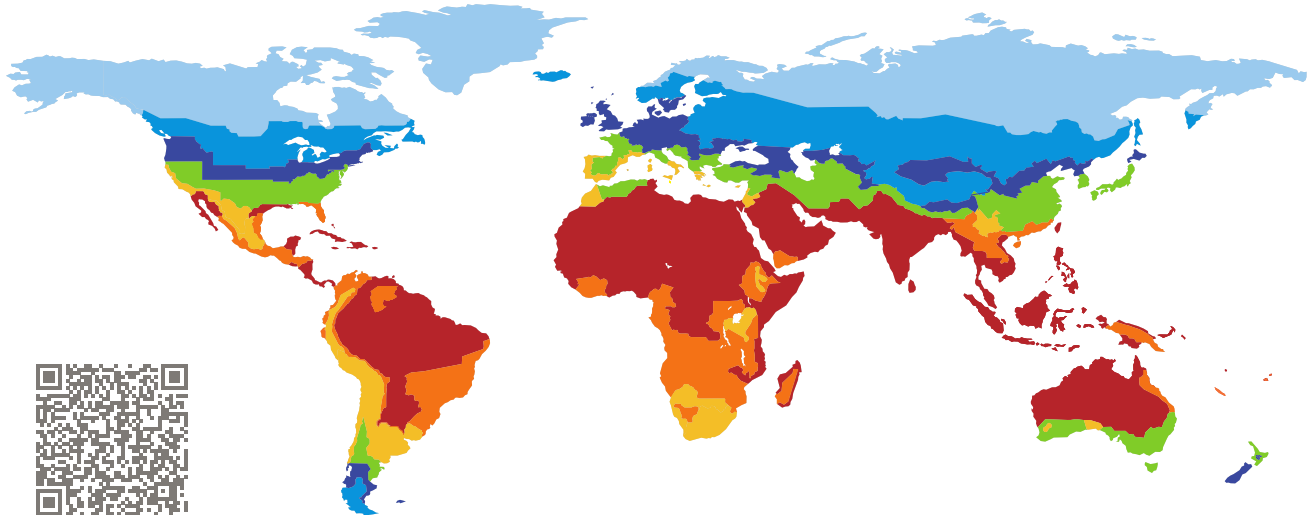


CERTIFICATE

Certified Passive House Component

Component-ID 1772sr00 valid until 31st December 2022

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 conditions¹ 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 |



¹Balanced 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