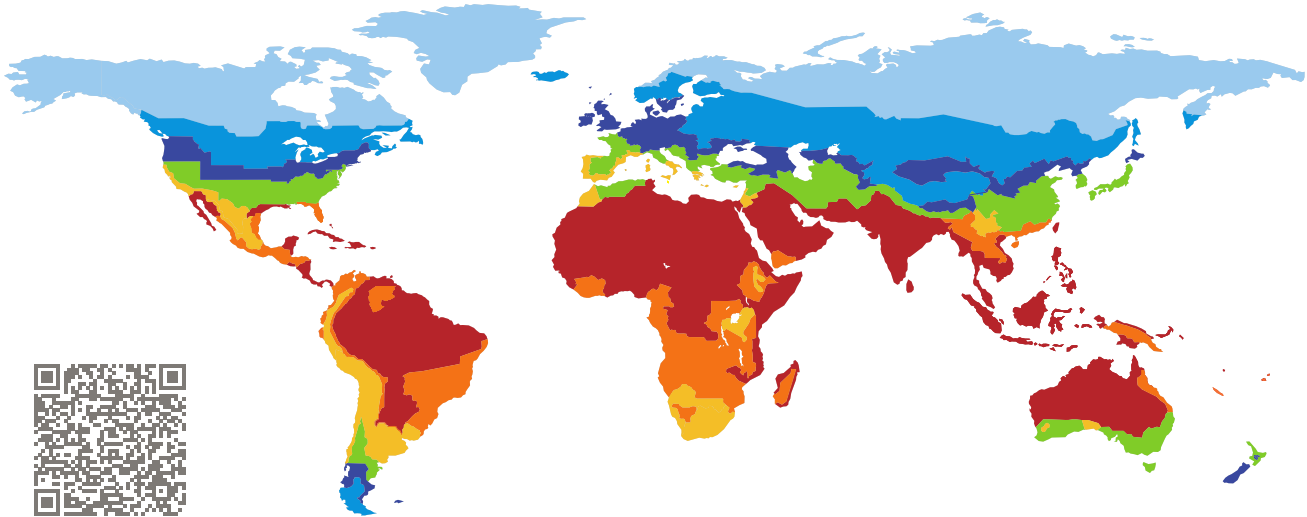


# CERTIFICATE

Certified Passive House Component

Component-ID 2174sr00 valid until 31st December 2024

Passive House Institute  
Dr. Wolfgang Feist  
64283 Darmstadt  
Germany



Category: **Drain water heat recovery**

Manufacturer: **Technea,  
Leeuwarden,  
Netherlands**

Product name: **VX2100 2-21 TWIN-HE**

## 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

62 %  $\geq$  30 %

## Further properties

Pressure drop tap water at 8 l/min: 0.12 bar

Connection tap water: Rp 3/4" male

Connection waste water: DN 50



nominal efficiency
77 %
effective dead time
10 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<sup>+</sup>

[www.passivehouse.com](http://www.passivehouse.com)

all climate zones



**CERTIFIED  
COMPONENT**

Passive House Institute