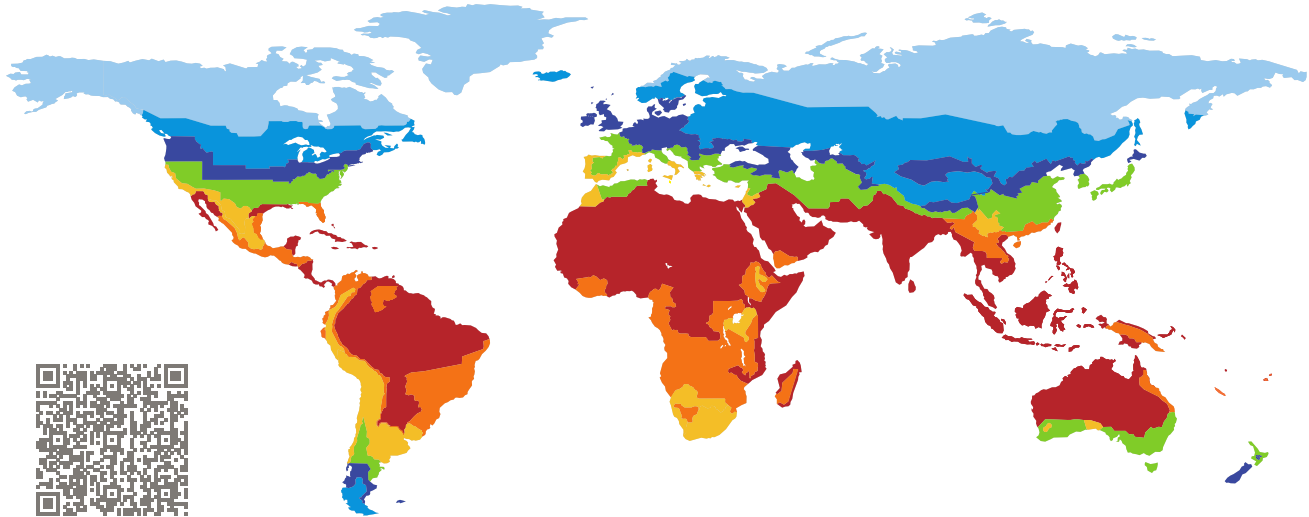


CERTIFICATE

Certified Passive House Component

Component-ID 2428sr00 valid until 31st December 2026

Passive House Institute
Dr. Wolfgang Feist
64283 Darmstadt
Germany



Category: **Drain water heat recovery**
Manufacturer: **ACO Passavant GmbH,
Philippsthal,
Germany**
Product name: **ACO ShowerDrain X2.1**

This certificate was awarded based on the following criteria:

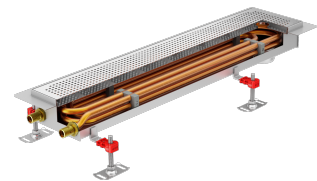
Tested under standard boundary conditions¹ the system reduces the useful energy demand for shower by

36% ≥ 30%

Further properties

Pressure drop tap water at 8 l/min: 0.13 bar
Connection tap water: 1/2" AG
Connection waste water: DN50

nominal efficiency
43 %
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