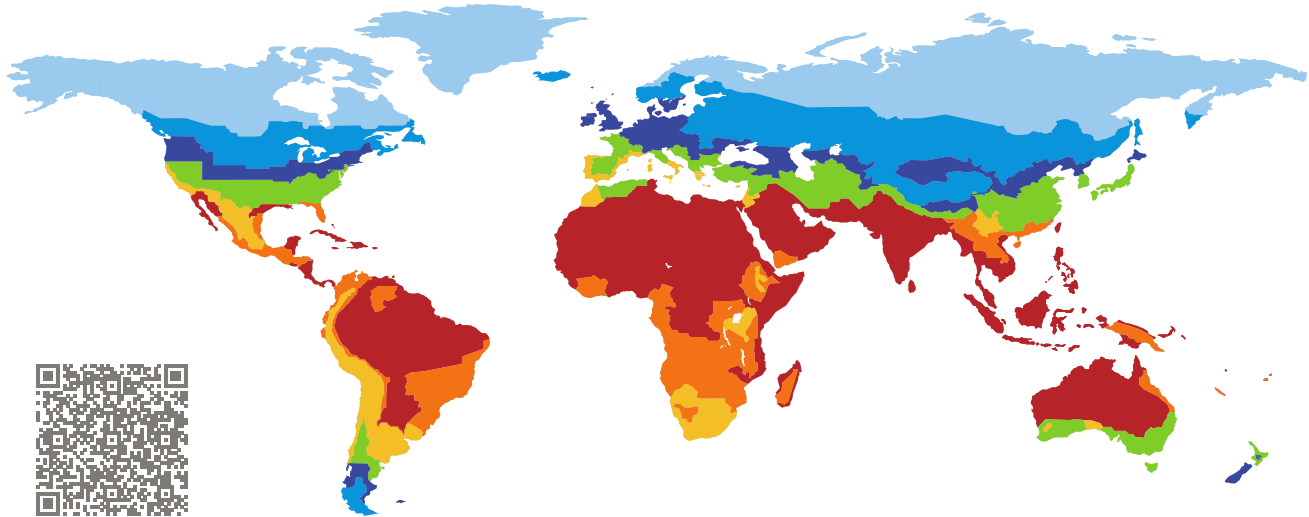


CERTIFICATE

Certified Passive House Component

Component-ID 1663sr03 valid until 31st December 2025

Passive House Institute
Dr. Wolfgang Feist
64283 Darmstadt
Germany



Category: **Drain water heat recovery**

Manufacturer: **joulia AG,
Biel,
Switzerland**

Product name: **Joulia Inline 5-73-17-1.1**

This certificate was awarded based on the following criteria:

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

34 % \geq 30 %

Further properties

Pressure drop tap water at 8 l/min: 0.28 bar

Connection tap water: 1/2"

Connection waste water: DN 50

nominal efficiency
41 %
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