# CERTIFICATE

**Certified Passive House Component**

Component-ID 1045sr03 valid until 31st December 2025

Passive House Institute
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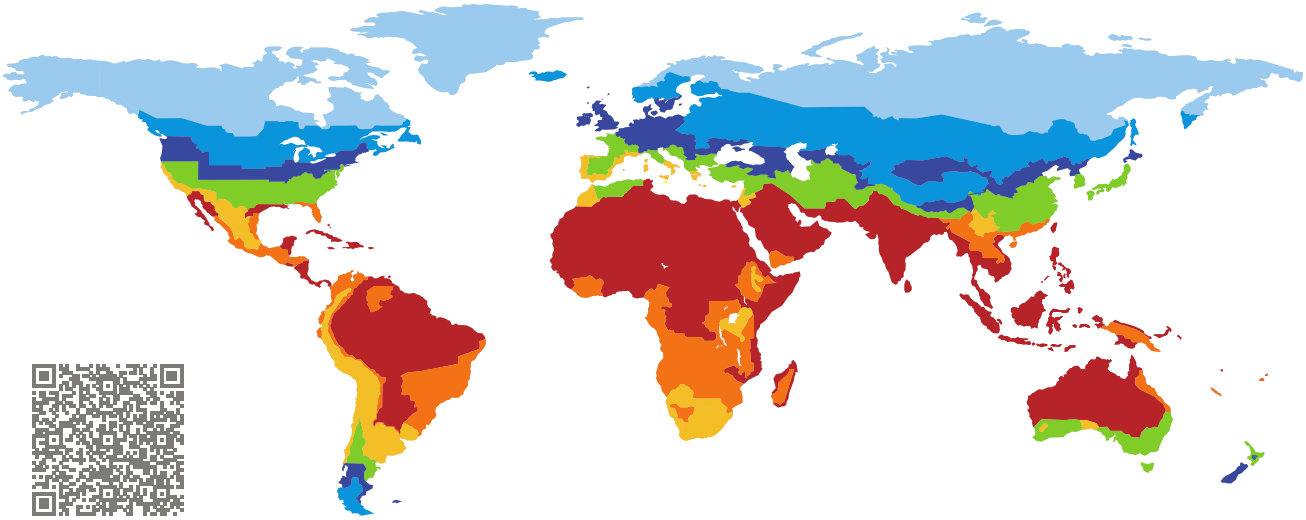

| | |
|---|---|
| Category: | **Drain water heat recovery** |
| Manufacturer: | **Q-Blue B.V., Emmen, Netherlands** |
| Product name: | **Showersave QB1-21C** |

| nominal efficiency |
|---|
| 70 % |
| **effective dead time** |
| 5 s |
| **design flow rate** |
| 8 l/min |

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

Tested under standard boundary conditions[1] the system reduces the useful energy demand for shower by

57 % ≥ 30 %

**Further properties**

| | |
|---|---|
| Pressure drop tap water at 8 l/min: | 0.32 bar |
| Connection tap water: | 1/2" IG |
| Connection waste water: | DN 50 |

[1] 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

phA

CERTIFIED COMPONENT

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