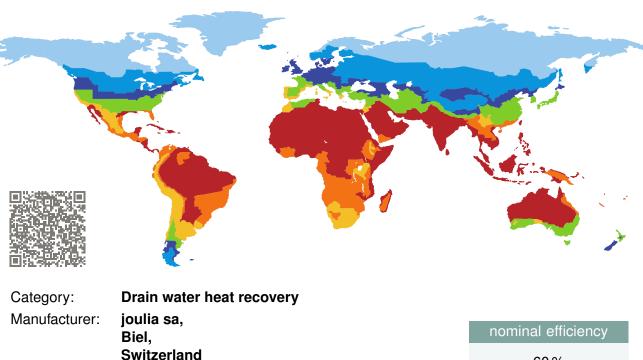
CERTIFICATE

Certified Passive House Component Component-ID 1662sr03 valid until 31st December 2024 Passive House Institute Dr. Wolfgang Feist 64283 Darmstadt Germany



phA

phA+

Product name: Joulia Twinline 10P-830 LF

This certificate was awarded based on the following criteria:

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

$$49\% \ge 30\%$$

Further properties

www.passivehouse.com

Pressure drop tap water at 8 l/min:0.26 barConnection tap water:1/2"Connection waste water:DN 50

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 phE phD phC phB





