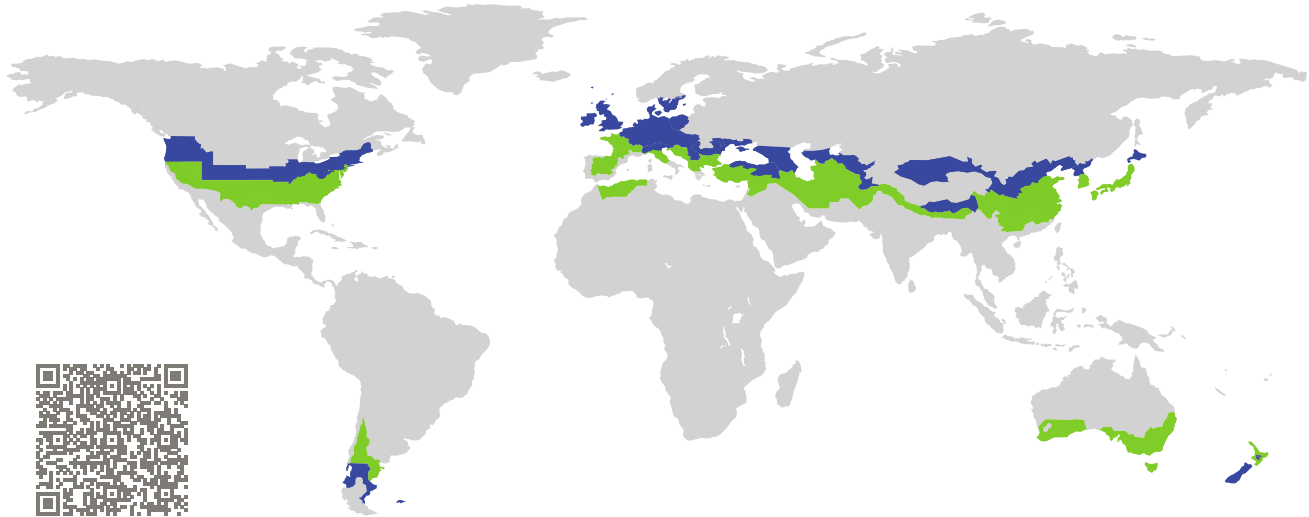


CERTIFICATE

Certified Passive House Component

Component-ID 1333vs03 valid until 31st December 2021

Passive House Institute
Dr. Wolfgang Feist
64283 Darmstadt
Germany



Category: **Air handling unit with heat recovery**
Manufacturer: **J. PICHLER Gesellschaft m.b.H.**
Austria
Product name: **LG 450 V**

Specification: Airflow rate < 600 m³/h
Heat exchanger: Recuperative

This certificate was awarded based on the product meeting the following main criteria

Heat recovery rate $\eta_{HR} \geq 75\%$
Specific electric power $P_{el,spec} \leq 0.45 \text{ Wh/m}^3$
Leakage < 3%
Comfort Supply air temperature $\geq 16.5\text{ }^\circ\text{C}$ at outdoor air temperature of $-10\text{ }^\circ\text{C}$

Airflow range
71–350 m ³ /h
Heat recovery rate
$\eta_{HR} = 89\%$ ¹⁾
Specific electric power
$P_{el,spec} = 0.25 \text{ Wh/m}^3$

¹⁾ At an airflow of 193 m³/h, a heat recovery of $\eta_{HR} = 91\%$ is reached.

