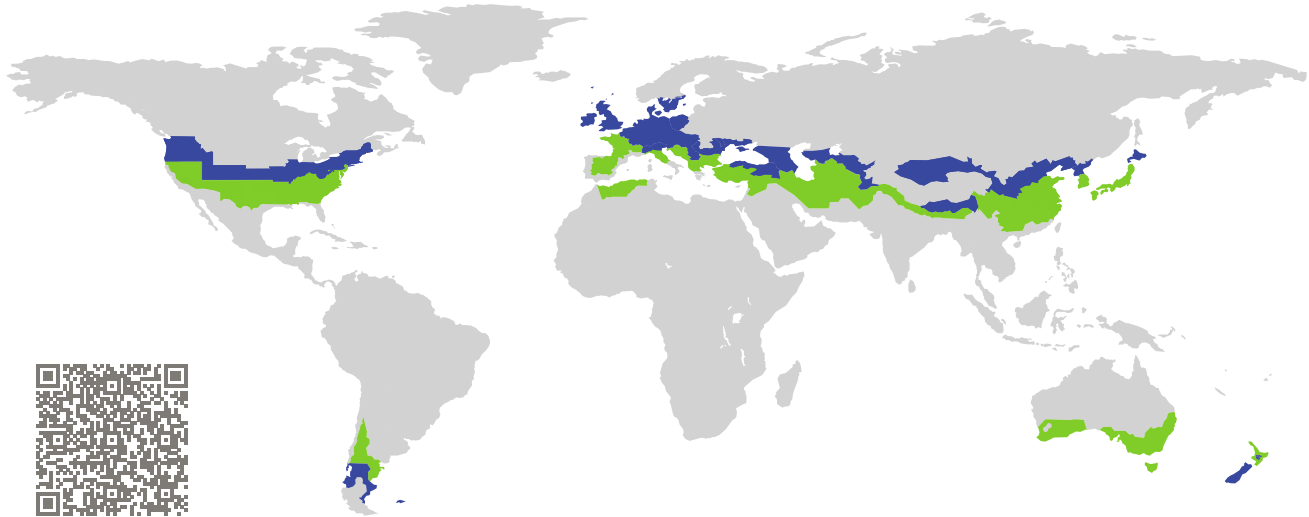


CERTIFICATE

Certified Passive House Component

Component-ID 1333vs03 valid until 31st December 2019

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	η_{HR}	\geq	75 %
Specific electric power	$P_{el,spec}$	\leq	0.45 Wh/m ³
Leakage		$<$	3 %
Comfort			Supply air temperature \geq 16.5 °C at outdoor air temperature of -10 °C

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

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

cool, temperate climate



**CERTIFIED
COMPONENT**

Passive House Institute