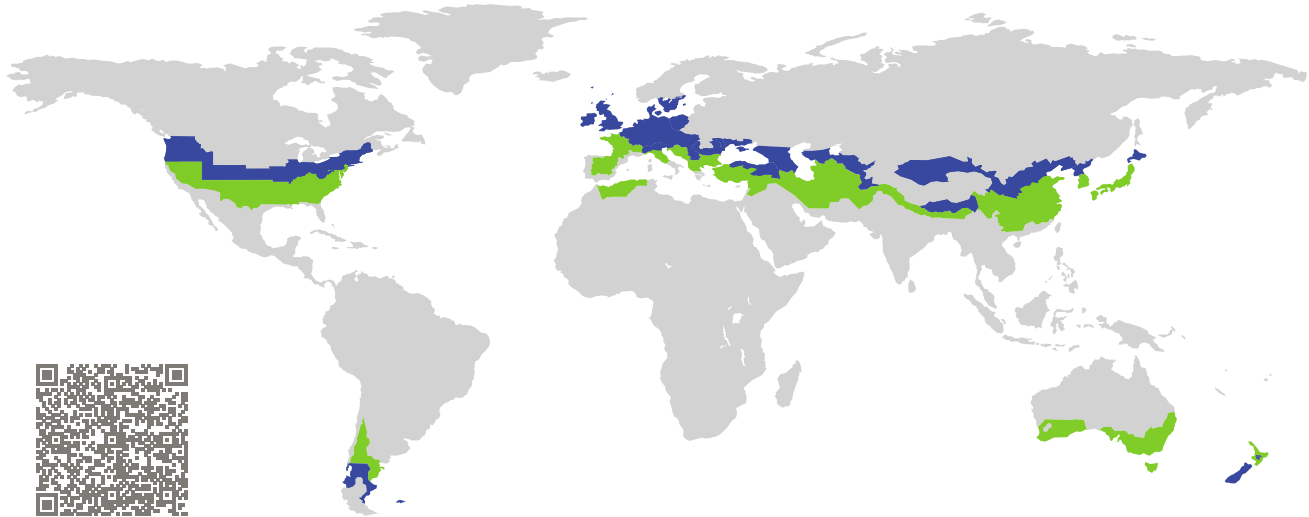


CERTIFICATE

Certified Passive House Component

Component-ID 0306vs03 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 500 System VENTECH**

Specification: Airflow rate <math>< 600 \text{ m}^3/\text{h}</math>
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 $\geq 16.5^\circ\text{C}$
at outdoor air temperature of -10°C

Airflow range
280–448 m ³ /h
Heat recovery rate
$\eta_{HR} = 82\%$
Specific electric power
$P_{el,spec} = 0.33 \text{ Wh/m}^3$

At an airflow of 277 m³/h, a heat recovery of $\eta_{HR} = 87\%$ is reached.

cool, temperate climate



**CERTIFIED
COMPONENT**

Passive House Institute