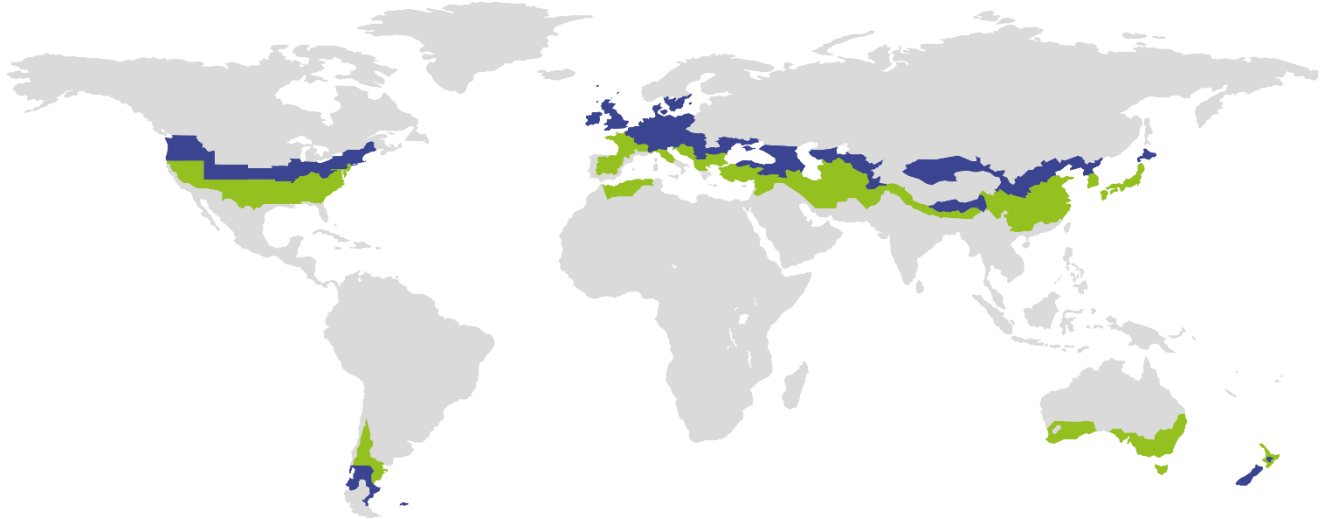


# CERTIFICATE

Certified Passive House Component

Component-ID 0241vI03 / 0013vI03 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 3200 System VENTECH**  
Specification: Airflow rate > 600 m<sup>3</sup>/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 Wh/m <sup>3</sup>
Leakage		$<$	3 %
Performance number		$\geq$	10
Comfort			Supply air temperature $\geq$ 16.5 °C at outdoor air temperature of -10 °C

<b>Airflow range</b>
950-1800 m <sup>3</sup> /h at an external pressure of 259 Pa <sup>1)</sup> (Requirements non-residential buildings)
950-2200 m <sup>3</sup> /h at an external pressure of 236 Pa <sup>2)</sup> (Requirements residential buildings)
<b>Heat recovery rate</b>
$\eta_{HR}$ = 84 % (non-residential) $\eta_{HR}$ = 82 % (residential)
<b>Specific electric power</b>
$P_{el,spec}$ = 0.41 Wh/m <sup>3</sup>
<b>Performance number</b>
10.3

<sup>1)</sup> The real available external pressure with installed filters for application in non-residential buildings makes **223 Pa**.

<sup>2)</sup> The real available external pressure with installed filters for application in non-residential buildings makes **194 Pa**.

Additional components, e.g. heating coils, decrease the available pressure difference accordingly.

cool, temperate climate



**CERTIFIED  
COMPONENT**

Passive House Institute