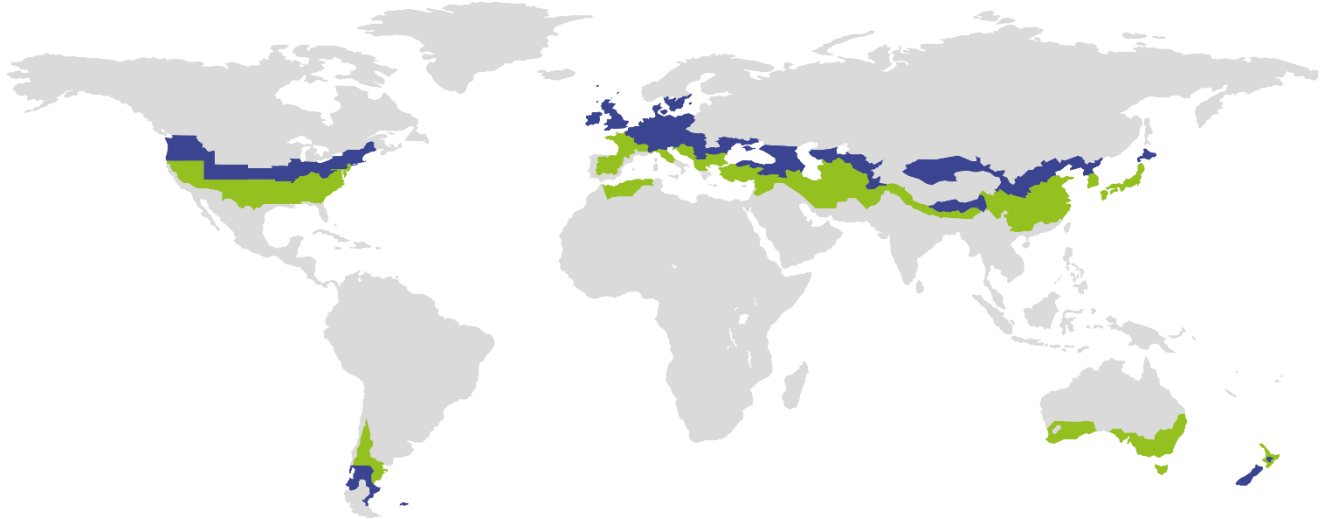


# CERTIFICATE

Certified Passive House Component

Valid until 31st December 2023

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: **Ventilation unit series**  
**LG 750-4000**

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 <sup>1)</sup>

Airflow range
450-3300 m <sup>3</sup> /h at an external pressure of 155-298 Pa
Heat recovery rate
$\eta_{HR} \geq 81$ %
Specific electric power
$P_{el,spec} \leq 0.42$ Wh/m <sup>3</sup>
Performance number
> 10

<sup>1)</sup> Achieved by use of a suitable frost protection strategy.