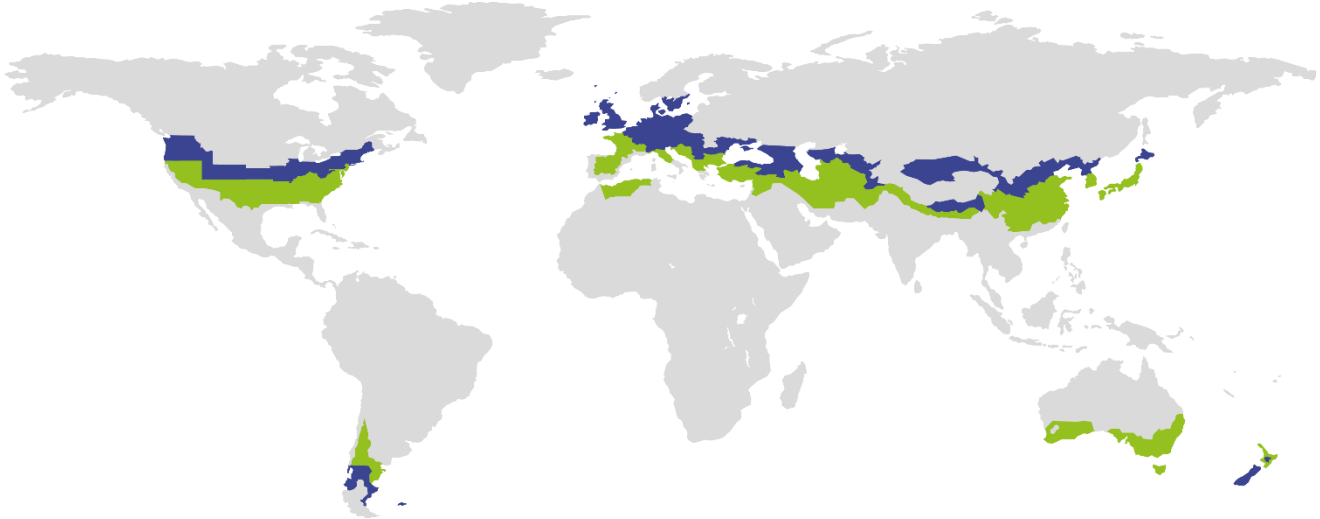


CERTIFICATE

Certified Passive House Component

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

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 %
Performance number		\geq	10
Comfort			Supply air temperature \geq 16.5 °C at outdoor air temperature of -10 °C ¹⁾

Airflow range
450-3300 m ³ /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 ³
Performance number
> 10

¹⁾ Achieved by use of a suitable frost protection strategy.