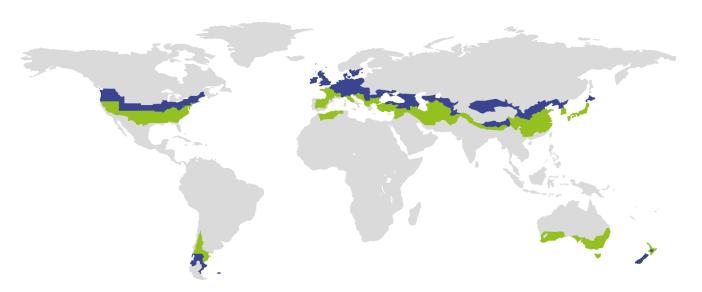
CERTIFICATE

Certified Passive House Component

Component-ID 0241vl03 / 0013vl03 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: LG 3200 System VENTECH

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 $\eta_{HR} \geq 75 \%$

Specific electric power $P_{\text{el,spec}} \leq 0.45 \text{ Wh/m}^3$

Leakage < 3 %
Performance number ≥ 10

Comfort Supply air temperature ≥ 16.5 °C

at outdoor air temperature of -10 °C

Airflow range

950-1800 m³/h at an external pressure of 259 Pa ¹⁾

(Requirements non-residential buildings)

950-2200 m³/h at an external pressure of 236 Pa ²⁾ (Requirements residential

buildings) Heat recovery rate

 $\eta_{HR} = 84 \ \% \ (\text{non-residential})$ $\eta_{HR} = 82 \ \% \ (\text{residential})$

Specific electric power

 $P_{\text{el,spec}} = 0.41 \text{ Wh/m}^3$

Performance number

10.3

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



Passive House Institute

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

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