

Number of declaration of performance: **1594129554-CBL-07.07.2020 Request LV**

Batch number in production: **07.07.2020 Request LV**

Model Identification:

Carboline Lay-In 625	- Name of the product
6	- Number of tubes
2992 mm	- Length of the module
595□ mm	- Width of the module
10 mm	- Diameter of the tubes
40 mm	- Height of the module

## **DECLARATION OF PERFORMANCE**

**No. 1594129554-CBL-07.07.2020 Request LV**

1 Unique identification code of the product-type:

**Zehnder Lay-In 625 Carboline Panel - 2992x595□  
Maximum operating pressure of 6 bar**

2 Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

**07.07.2020 Request LV**

3 Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer

**Space heating and cooling appliances in buildings without internal energy source**

4 Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

**Zehnder GmbH  
Europastrasse 14  
DE-77933 Lahr  
Tel. +49 7821 586-0  
www.zehnder-systems.com**

5 Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

**None**

6 System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

**System 4 for reaction to fire  
System 3 for the rest of characteristics**

- 7 In case of the declaration of performance concerning a construction product covered by a harmonised standard:

**Notified laboratory performed the determination of the product-type  
on the basis of type testing**

**Test Report DC519 H24.5097 +2% for Heating**

**Test Report VC519 K24.5096 +2% for Cooling**

- 8 Declared performance

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	A2s2d0	EN 14037-5 for Heating EN 14240 for Cooling
Operating pressure	Maximum 6 bar	
Inlet Temperature	Maximum 83 °C	
Rated thermal output for heating according to EN 14037-5 at $\Delta t = 39.0$	319.8 W/m <sup>2</sup>	
Rated thermal output for cooling according to EN 14240 at $\Delta t = 8.5$	102.2 W/m <sup>2</sup>	

- 9 The performance of the product identifies in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Signed for and on behalf of the manufacturer by:

Lahr,07.07.2020

