

# Declaration of Performance H18 REV1

In accordance with Construction Products Regulation 305/2011 EU (CPR)


|   |  |   |
|---|--|---|
| 1.  | Unique product type identification code  | <b>190207 HEAT18</b>  |
| 2.  | Product type and models  | <b>HEAT 18</b>  |
|   |  | COZY18; COZY18-TW; COZY18 O; COZY18 O-TW; COZY18 SW; COZY SW 18-TW; COZY 18 OG; COZY OG18-TW; COZY18 QUATTRO; COZY18 QUATTRO-TW         |
| 3.  | Intended use   | <b>Multi firing sauna stoves fired by natural wood logs in accordance with EN 15821</b>   |
| 4.  | The product conforms to the following standards  | <b>Products are tested in accordance to the methods described in the standard EN 15821:2011-01</b>                                      |
| 5.  | Name, registered trade name or registered trademark and manufacturer's contact address pursuant to Article 11 Paragraph 5  | <b>COZY HEAT Ltd</b><br><b>HARKU tee 7, Tabasalu 76902, Harku municipality, Estonia. Phone +372 510 6732</b>                            |
| 6.  | Notified body  | <b>TÜV SÜD Industrie Service GmbH Feuerungs- und Wärmetechnik; Ridlerstrasse 65, 80339 Munich - Notified body 0036 according to CPR</b> |
|   | Test report  | <b>W-O 1565-00/20</b><br><b>05.11.2020</b>  |
| 7.  | System or systems for assessing and verifying the construction product's constancy of performance pursuant to Appendix V   | <b>System 3</b>   |
| 8.  | <b>Essential Characteristics</b>   | <b>Performance</b>  |
|   | Harmonised technical specification   | <b>EN 15821:2010</b>  |
|   | Fuel types   | <b>natural wood logs up to 30cm long</b>  |
|   | Ignition and refuelling loads  | <b>2,4 kg</b>   |
|   | <b>Safety</b>  |   |
|   | <b>Fire safety</b> (initiation, risk to adjacent elements)   | <b>Pass 1)</b>  |
|   | Reaction to fire   | <b>A1</b>   |
|   | Safety distance to combustible material  |   |
|   | to ceiling   | <b>1340 mm</b>  |
|   | to sides   | <b>230 mm</b>   |
|   | to front   | <b>500 mm</b>   |
|   | to back  | <b>230 mm</b>   |
|   | Risk of fuel falling out   | <b>Pass</b>   |
|   | <b>Surface temperature</b>   | <b>Pass 2)</b>  |
|   | <b>Cleanability</b>  | <b>Pass</b>   |
|   | <b>Flue gas temperature</b>  | <b>234° C / 499° C</b>  |
|   | Release of dangerous substances  | <b>NPD</b>  |
|   | <b>Thermal output and efficiency</b>   |   |
|   | <b>Thermal output</b>  | <b>10,1 kW</b>  |
|   | <b>Sauna room volume</b>   | <b>9-18 m<sup>3</sup></b>   |
|   | CO-Emission Vol. -13 % O <sup>2</sup>  | <b>1 164 mg/m<sup>3</sup></b>   |
|   | Dust-Emission Vol. - 13 % O <sup>2</sup>   | <b>35 mg/m<sup>3</sup></b>  |
|   | <b>Efficiency</b>  | <b>81,3%</b>  |
| <b>Flue draught when stove door closed</b>  | <b>12 Pa</b>   |   |
| <b>flue gas mass flow when stove door closed</b>  | <b>12,9 g/s</b>  |   |
| <b>Durability</b>   | <b>Pass</b>  |   |
| <b>The sauna heater meets all requirements accordingly the 2nd stage of the 1st Federal Immission Control Ordinance (BImSchV)</b> |  |   |
| 9.  | <b>The performance of the product presented in points 1 and 2 is in accordance with the performance declared in point 8 under the sole responsibility of the manufacturer in point 5</b> |   |

NPD= no performance determined

1) installation of the stove only on non combustible floor or base

2) an operating tool are supplied with stove

**Signed for and on behalf of the manufacturer by:**

  
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Tallinn, Estonia 01.12.2020