

**Technisches Datenblatt gemäß EN16510-1, Tabelle 22 (deutsch)**

Technical data sheet according to EN 16510-1, table 22 (english)



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|   |                                        |                                                |                                  |
|---|----------------------------------------|------------------------------------------------|----------------------------------|
| A | Name des Herstellers                   | Manufacturer's name                            | Lohberger GmbH                   |
| B | Eindeutiger Kenncode des Produkttyps   | Unique identification code of the product type | Cook Me                          |
|   | Design                                 | Design                                         | -                                |
| C | Harmonisierte technische Spezifikation | Harmonised technical specification             | EN16510-1:2022, EN16510-2-1:2022 |
| D | Art der Feuerstätte                    | Type of fireplace                              | BE                               |

| Lastart                               |  |  | Nennlast                                     |  |         |  | Teillast  |  |         |  | Schwachlast     |  |         |  |
|---------------------------------------|--|--|----------------------------------------------|--|---------|--|-----------|--|---------|--|-----------------|--|---------|--|
| Type of load                          |  |  | Nom. load                                    |  |         |  | Part load |  |         |  | Slow combustion |  |         |  |
| Brennstoff                            |  |  | Holz                                         |  | Pellets |  | Holz      |  | Pellets |  | Holz            |  | Pellets |  |
| Fuel                                  |  |  | Wood                                         |  | Pellets |  | Wood      |  | Pellets |  | Wood            |  | Pellets |  |
|                                       |  |  |                                              |  |         |  |           |  |         |  |                 |  |         |  |
| Nenn-Wärmeleistung                    |  |  | Nominal heat output                          |  |         |  |           |  |         |  |                 |  |         |  |
|                                       |  |  | <b>P</b>                                     |  |         |  |           |  |         |  |                 |  |         |  |
| Nenn-Raumheizleistung                 |  |  | Nominal space heat output                    |  |         |  |           |  |         |  |                 |  |         |  |
|                                       |  |  | <b>P<sub>SH</sub></b>                        |  |         |  |           |  |         |  |                 |  |         |  |
| Nenn-Wasserwärmeleistung              |  |  | Nominal water heat output                    |  |         |  |           |  |         |  |                 |  |         |  |
|                                       |  |  | <b>P<sub>w</sub></b>                         |  |         |  |           |  |         |  |                 |  |         |  |
| Wirkungsgrad                          |  |  | Efficiency                                   |  |         |  |           |  |         |  |                 |  |         |  |
|                                       |  |  | <b>η</b>                                     |  |         |  |           |  |         |  |                 |  |         |  |
| CO-Emission bei 13% O <sub>2</sub>    |  |  | CO emission at 13% O <sub>2</sub>            |  |         |  |           |  |         |  |                 |  |         |  |
|                                       |  |  | <b>CO</b>                                    |  |         |  |           |  |         |  |                 |  |         |  |
| NOx-Emission bei 13% O <sub>2</sub>   |  |  | NOx emission at 13% O <sub>2</sub>           |  |         |  |           |  |         |  |                 |  |         |  |
|                                       |  |  | <b>NO<sub>x</sub></b>                        |  |         |  |           |  |         |  |                 |  |         |  |
| OGC-Emission bei 13% O <sub>2</sub>   |  |  | Hydrocarbon em. at 13 % O <sub>2</sub>       |  |         |  |           |  |         |  |                 |  |         |  |
|                                       |  |  | <b>OGC</b>                                   |  |         |  |           |  |         |  |                 |  |         |  |
| Staub-Emission bei 13% O <sub>2</sub> |  |  | Particulate matter em. at 13% O <sub>2</sub> |  |         |  |           |  |         |  |                 |  |         |  |
|                                       |  |  | <b>PM</b>                                    |  |         |  |           |  |         |  |                 |  |         |  |
| Mindestförderdruck                    |  |  | Minimum flue draught                         |  |         |  |           |  |         |  |                 |  |         |  |
|                                       |  |  | <b>p</b>                                     |  |         |  |           |  |         |  |                 |  |         |  |
| Temperatur am Abgasstutzen            |  |  | Flue gas outlet temperature                  |  |         |  |           |  |         |  |                 |  |         |  |
|                                       |  |  | <b>T<sub>s</sub></b>                         |  |         |  |           |  |         |  |                 |  |         |  |
| Abgasmassenstrom                      |  |  | Flue gas mass flow                           |  |         |  |           |  |         |  |                 |  |         |  |
|                                       |  |  | <b>Φ<sub>fg</sub></b>                        |  |         |  |           |  |         |  |                 |  |         |  |

|    |                                                  |                                                  |                           |     |     |
|----|--------------------------------------------------|--------------------------------------------------|---------------------------|-----|-----|
| 10 | Speicher-Wärmeeintrag                            | Accumulator heat input                           | <b>P<sub>acc in</sub></b> | -   | kW  |
| 11 | Temperatur-Eintritt am gesonderten Wärmetauscher | Temperature inlet at the separate heat exchanger | <b>T<sub>acc in</sub></b> | -   | °C  |
| 12 | Strömungswiderstand gesonderter Wärmetauscher    | Flow resistance of the separate heat exchanger   | <b>ζ<sub>acc</sub></b>    | -   | Pa  |
| 15 | Raumheizungs-Jahresnutzungsgrad                  | Seasonal space heating efficiency                | <b>η<sub>s</sub></b>      | 66  | %   |
| 16 | Energieeffizienzindex                            | Energy efficiency index                          | <b>EEl</b>                | 100 |     |
| 32 | Maximaler Wasserbetriebsdruck                    | Permissible maximum water operating pressure     | <b>p<sub>w</sub></b>      | -   | bar |

|      |                                                                     |                                                                           |                         |     |    |
|------|---------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------|-----|----|
|      | Mindestabstand zu brennbaren Materialien<br>Ohne Brandschutzeinheit | Minimum distance from flammable materials<br>Without fire protection unit |                         |     |    |
| 33   | Mindestabstand von der Rückseite                                    | Minimum distance from the rear                                            | <b>d<sub>R</sub></b>    | 15  | cm |
| 34.1 | Mindestabstand von der Feuerraumseite                               | Minimum distance from the fire chamber side                               | <b>d<sub>s,FS</sub></b> | 30  | cm |
| 34.2 | Mindestabstand von der Rauchrohrseite                               | Minimum distance from the flue gas exit side                              | <b>d<sub>s,RS</sub></b> | 30  | cm |
| 35   | Mindestabstand von der Decke                                        | Minimum distance from the ceiling                                         | <b>d<sub>C</sub></b>    | 75  | cm |
| 36   | Mindestabstand von der Vorderseite                                  | Minimum distance from the front                                           | <b>d<sub>P</sub></b>    | 100 | cm |
| 37   |                                                                     |                                                                           | <b>d<sub>F</sub></b>    | 0   | cm |
| 38   | Mindestabstand von der Vorderseite seitlich                         | Minimum lateral distance from the front                                   | <b>d<sub>L</sub></b>    | 0   | cm |
| 39   | Mindestabstand von unterhalb des Bodens                             | Minimum distance from below the floor                                     | <b>d<sub>B</sub></b>    | 0   | cm |

|      |                                                                                       |                                                                                                      |                         |    |    |
|------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------|----|----|
|      | Mindestabstand zu brennbaren Materialien<br>Mit Brandschutzeinheit bis zur Gerätehöhe | Minimum distance from flammable materials<br>With fire-protection unit up to the height of the appl. |                         |    |    |
| 33   | Mindestabstand von der Rückseite                                                      | Minimum distance from the rear                                                                       | <b>d<sub>R</sub></b>    | 15 | cm |
| 34.1 | Mindestabstand von der Feuerraumseite                                                 | Minimum distance from the fire chamber side                                                          | <b>d<sub>s,FS</sub></b> | 30 | cm |
| 34.2 | Mindestabstand von der Rauchrohrseite                                                 | Minimum distance from the flue gas exit side                                                         | <b>d<sub>s,RS</sub></b> | 30 | cm |
| 34.3 | Mindestabstand von der Vorderseite zum Eckenbau                                       | Min. distance from the front to a corner extension                                                   | <b>d<sub>EA</sub></b>   | 30 | cm |

|    |                                                 |                                                      |                         |             |       |
|----|-------------------------------------------------|------------------------------------------------------|-------------------------|-------------|-------|
| 40 | Mindestabstand zu nicht brennbaren Wänden       | Minimum distance to non-flammable walls              | <b>d<sub>non</sub></b>  | 0           | cm    |
| 41 | Materialtyp und Materialstärke der Wärmedämmung | Mat. type and thickness of the protective insulation | <b>s</b>                | NPD         | mm    |
| 42 | Verbrauch elektrischer Hilfsenergie             | Bereitschaft<br>Cons. of electrical auxiliary energy | <b>eI<sub>SB</sub></b>  | -           | W     |
| 43 | Verbrauch elektrischer Hilfsenergie             | Nennlast<br>Cons. of electrical auxiliary energy     | <b>eI<sub>max</sub></b> | -           | W     |
| 44 | Verbrauch elektrischer Hilfsenergie             | Teillast<br>Cons. of electrical auxiliary energy     | <b>eI<sub>min</sub></b> | -           | W     |
| 45 | Versorgungsspannung, Frequenz                   | Power supply voltage, frequency                      | <b>E, f</b>             | -           | V, Hz |
| 46 | Maximale elektrische Leistungsaufnahme          | Maximum electric power input                         | <b>W<sub>max</sub></b>  | -           | W     |
| 49 | Schornsteinbezeichnung                          | Chimney designation                                  | <b>T-Klasse</b>         | T400 G      | -     |
| 52 | Raumwärmeverlust außer Betrieb                  | Standing air loss                                    | <b>V<sub>h</sub></b>    | NPD         | m³/h  |
| 53 | Dauerbrandbetrieb oder Zeitbrandbetrieb         | Continuous operation or intermittent operation       | <b>CON o. INT</b>       | INT         | -     |
| 54 | Durchmesser des Abgasstutzen                    | Diameter of the flue gas outlet                      | <b>d<sub>out</sub></b>  | 120         | mm    |
| 55 | Gesamtabmessungen der Feuerstätte               | Overall dimensions of the furnace                    | <b>L, H, W</b>          | 46, 109, 50 | cm    |
| 56 | Masse der Feuerstätte                           | Mass of the furnace                                  | <b>m</b>                | 161         | kg    |
| 57 | Maximale Belastung durch Schornstein            | Maximum load due to chimney                          | <b>m<sub>chim</sub></b> | 0           | kg    |

|   |                                                                                                                                                                                                                                                                                   |  |  |  |  |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| E | Der Zusammenbau, die Installation und Wartung des Raumheizers sind ausschließlich nach den beiliegenden technischen Dokumenten vorzunehmen.<br>The assembly, installation, and maintenance of the space heater must be carried out according to the enclosed technical documents. |  |  |  |  |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|