

## DECLARATION OF PERFORMANCE

Regulation (EU) 305/2011

No. CPR-25-1442-25

|    |                                                                                                              |                                                                                                  |
|----|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 1. | Unique identification code of product type:                                                                  | 1442<br>Morsø 1400 serie                                                                         |
| 2. | Intended use or uses of the construction product, in accordance with the applicable technical specification: | Roomheater burning solid fuel without hot water supply                                           |
| 3. | Name and contact address of the manufacturer:                                                                | Morsø Jernstøberi A/S, Furvej 6, 7900 Nykøbing Mors, Denmark                                     |
| 4. | Where applicable, name and contact address of authorized representative:                                     | Not applicable                                                                                   |
| 5. | System of assessment and verification of constancy of performance of the construction product:               | System 3                                                                                         |
| 6. | Notified body relevant to the assessment and verification of constancy of performance:                       | Danish Technological Institute<br>Notified body No. 1235<br>Test report number: 300-ELAB-2750-EN |
| 7. | Harmonised technical specifications                                                                          | EN 16510-1:2022 / EN 16510-2:2022                                                                |
| 8. | <b>Essential characteristics</b>                                                                             |                                                                                                  |
|    | <b>Mechanical resistance and stability</b>                                                                   |                                                                                                  |
|    | Load bearing capacity                                                                                        | 120 kg                                                                                           |
|    | <b>Safety in case of fire</b>                                                                                |                                                                                                  |
|    | Protection of combustible materials                                                                          | Minimum distance to combustible materials – bottom $d_B = 235$ mm                                |
|    |                                                                                                              | Minimum distance to combustible materials - floor in front $d_F = 0$ mm                          |
|    |                                                                                                              | Minimum distance to combustible materials – ceiling $d_C = 750$ mm                               |
|    |                                                                                                              | Minimum distance to combustible materials – rear $d_R = 400^*/300^{**}$ mm                       |
|    |                                                                                                              | Minimum distance to combustible materials – side $d_S = 350$ mm                                  |
|    |                                                                                                              | Minimum distance to combustible materials - side radiation area $d_L = 0$ mm                     |
|    |                                                                                                              | Minimum distance to adjacent combustible materials (e.g. furniture) – front $d_P = 800$ mm       |
|    |                                                                                                              | Material type and thickness of the protective insulation material: NPD                           |

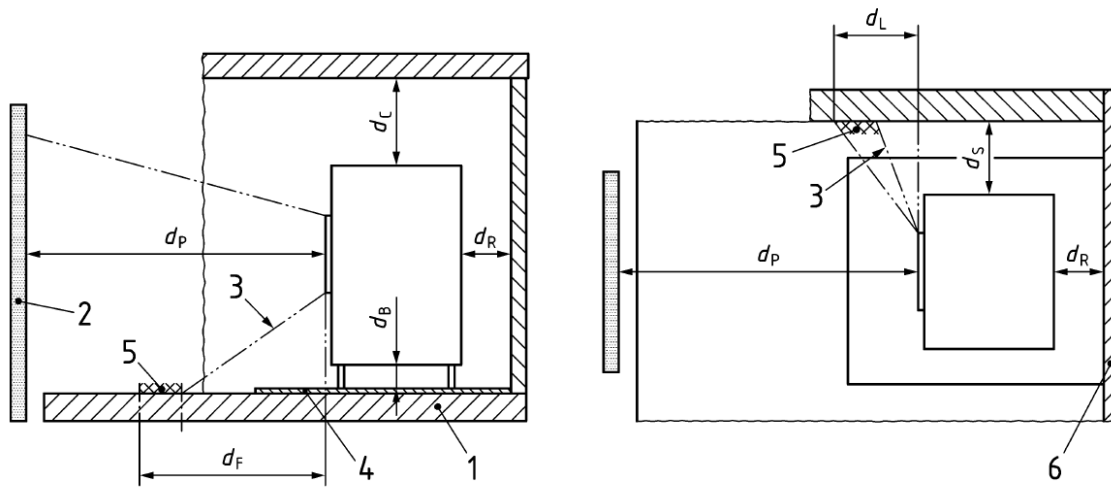


Diagram Key

|   |                                                  |
|---|--------------------------------------------------|
| 1 | Trihedron floor                                  |
| 2 | Trihedron – like front plate                     |
| 3 | Radiation area                                   |
| 4 | Floor protection plate                           |
| 5 | Critical area (65 K superseded due to radiation) |
| 6 | Trihedron walls                                  |

Clearances

|       |                                  |
|-------|----------------------------------|
| $d_C$ | Clearance to ceiling             |
| $d_P$ | Clearance to front (furniture)   |
| $d_F$ | Clearance to floor in front      |
| $d_B$ | Clearance to bottom              |
| $d_L$ | Clearance to side radiation area |
| $d_S$ | Clearance to sidewall            |
| $d_R$ | Clearance to backwall            |

Note:

\* with uninsulated flue system

\*\* with insulated flue system

|                                                                                  |                        |
|----------------------------------------------------------------------------------|------------------------|
| <b>Hygiene, health and environment</b>                                           |                        |
| Emissions at nominal heat output at 13% O <sub>2</sub>                           |                        |
| Carbon monoxide emission (CO)                                                    | 1012 mg/m <sup>3</sup> |
| Nitrogen oxides emission (NO <sub>x</sub> )                                      | 115 mg/m <sup>3</sup>  |
| Emission of organic gaseous carbon (OGC)                                         | 83 mg/m <sup>3</sup>   |
| Particulate matter emissions (PM)                                                | 10 mg/m <sup>3</sup>   |
| Emissions at part load heat output at 13% O <sub>2</sub>                         |                        |
| Carbon monoxide emission (CO)                                                    | 2171 mg/m <sup>3</sup> |
| Nitrogen oxides emission (NO <sub>x</sub> )                                      | 117 mg/m <sup>3</sup>  |
| Emission of organic gaseous carbon (OGC)                                         | 275 mg/m <sup>3</sup>  |
| Particulate matter emissions (PM)                                                | 17 mg/m <sup>3</sup>   |
| <b>Safety and accessibility in use</b>                                           |                        |
| Data for a chimney installation at nominal heat output                           |                        |
| Flue gas outlet temperature                                                      | 352 °C                 |
| Minimum flue draught                                                             | 12 Pa                  |
| Flue gas mass flow                                                               | 4,7 g/s                |
| Data for chimney installation at part load heat output                           |                        |
| Flue gas outlet temperature                                                      | 304 °C                 |
| Minimum flue draught                                                             | 6 Pa                   |
| Flue gas mass flow                                                               | 3,3 g/s                |
| Data for a chimney installation regarding fire safety on safety test heat output |                        |
| Fire safety of installation to the chimney                                       | T400 G                 |
| <b>Energy economy and heat retention</b>                                         |                        |
| Appliance's thermal output and energy efficiency at nominal heat output          |                        |
| Space heat output                                                                | 5,9 kW                 |
| Water heat output, if applicable                                                 | - kW                   |
| Efficiency                                                                       | 82 %                   |
| Appliance's thermal output and energy efficiency at part load heat output        |                        |
| Space heat output                                                                | 4,6 kW                 |
| Water heat output, if applicable                                                 | - kW                   |
| Efficiency                                                                       | 83 %                   |

|    |                                                                                                                                                                                                                                             |                                    |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
|    | <b>Space heating efficiency</b>                                                                                                                                                                                                             |                                    |
|    | Seasonal space heating efficiency at nominal heat output                                                                                                                                                                                    | 72 %                               |
|    | Energy Efficiency at nominal heat output                                                                                                                                                                                                    | Energy Efficiency Index (EEI): 109 |
|    |                                                                                                                                                                                                                                             | Energy efficiency class: A+        |
|    | Electric power consumption at appliance's nominal heat output (if available)                                                                                                                                                                | 0.00 kW                            |
|    | Electric power consumption at appliance's part load heat output (if available)                                                                                                                                                              | 0.00 kW                            |
|    | Power consumption in standby mode (if available)                                                                                                                                                                                            | 0,00 kW                            |
|    | <b>Sustainable use of natural resources</b>                                                                                                                                                                                                 |                                    |
|    | Environmental sustainability                                                                                                                                                                                                                | NPD                                |
| 9. | <b>Declaration.</b><br>The performance of the product identified above is in conformity with the set of declared performance. This declaration of performance is issued under the sole responsibility of the manufacturer identified above. |                                    |

Nykøbing Mors, August 14, 2025



\_\_\_\_\_  
 Peter Normann Nielsen  
 Direktør