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*Smederevac***Smederevac d.o.o.**  
**Djure Strugara 20, 11300 Smederevo, Serbia****Model:**  
**SD HAPPY ECO****EN 16510-1:2022**  
Residential solid fuel burning appliances - Part 1:  
General requirements and test methods  
**EN 16510-2-1:2022**  
Residential solid fuel burning appliances - Part 2-1:  
Roomheaters**Serial №****Product ID**

Notified Body Identification Number: NB 1879

**Type of appliance: B**

Declaration of Performance Code: 007/25

Types of fuels: Beech wood logs with a moisture content of 12% to 25%

Product type identification code: 007/25 - SD HAPPY ECO - B-SF - 7321190000

**PARAMETERS OF THE APPLIANCE**

| Designation                                              |                      | Unit               | Nominal heat output |
|----------------------------------------------------------|----------------------|--------------------|---------------------|
| The heat output                                          | <b>P</b>             | kW                 | 5,7                 |
| The space heat output                                    | <b>Ps</b>            | kW                 | 5,7                 |
| The appliance efficiency                                 | <b>η</b>             | %                  | 80,9                |
| Carbon monoxide emissions at 13%O <sub>2</sub>           | <b>CO</b>            | mg/Nm <sup>3</sup> | 1208                |
| Nitrogen oxide emissions at 13%O <sub>2</sub>            | <b>NOx</b>           | mg/Nm <sup>3</sup> | 99                  |
| Emissions of organic gaseous carbon at 13%O <sub>2</sub> | <b>OGC</b>           | mg/Nm <sup>3</sup> | 111                 |
| Particulate matter emissions at 13%O <sub>2</sub>        | <b>PM</b>            | mg/Nm <sup>3</sup> | 36                  |
| Minimum flue draught                                     | <b>p</b>             | Pa                 | 12                  |
| <b>Minimum distances to combustible materials:</b>       |                      |                    |                     |
| - from the rear wall                                     | <b>d<sub>R</sub></b> | mm                 | 400                 |
| - from the side walls                                    | <b>d<sub>S</sub></b> | mm                 | 500                 |
| - from the top                                           | <b>d<sub>C</sub></b> | mm                 | 800                 |
| - from the front                                         | <b>d<sub>F</sub></b> | mm                 | 2000                |
| - in bottom front radiation area                         | <b>d<sub>F</sub></b> | mm                 | 1500                |
| - in side front radiation area                           | <b>d<sub>L</sub></b> | mm                 | 1500                |
| - below the bottom – legs+concrete slabs                 | <b>d<sub>B</sub></b> | mm                 | 60+40               |

**For additional information, see the technical data sheet in the instructions!**

**Follow the manufacturer's instructions!**  
**The appliance can not be used in a common chimney!**  
**The appliance operates in intermittent mode!**  
**Use only the recommended fuels!**