

## Ecodesign declaration for solid fuel local space heaters

according to commission regulation (EU) 2015/1185 implementing directive 2009/125/EC of the european parliament and of the council and Energy Label requirements according to commission regulation (EU) 2015/1186

|   |  |
|---|--|
| Type:                                     | EN 13240   |
| Indirect heating functionality:           | No   |
| Direct Heat Output (space heat output):   | 11,5 kW  |
| Indirect heat output (water heat output): | -  |
| Company:                                  | Klover s.r.l.  |
| Brand:                                    | Klover   |
| Model (s):                                | STAR 90, STAR 90 CLASSIC, STAR 90 COUNTRY, STAR 90 PLUS, STAR 90 INOX, STAR 95, STAR 95 CLASSIC, STAR 95 COUNTRY, STAR 95 PLUS, STAR 95 INOX |
| Notified Body:                            | IMQ (Notified Body 0051)   |
| Test Report:                              | CS23-0091399-01  |

| Fuel   | Preferred fuel (only one): | Other suitable fuel (s) | $\eta_s$ [%] | Seasonal heating emission |     |     |     |                        |     |    |     |
|--|----------------------------|-------------------------|--------------|---------------------------|-----|-----|-----|------------------------|-----|----|-----|
|  |                            |                         |              | At nominal heat output    |     |     |     | At minimum heat output |     |    |     |
|  |                            |                         |              | PM                        | OGC | CO  | NOx | PM                     | OGC | CO | NOx |
| mg/Nm <sup>3</sup> 13% O <sub>2</sub> (*) (**) |                            |                         |              |                           |     |     |     |                        |     |    |     |
| Log wood, moisture content ≤ 25 %              | yes                        | no                      | 75,1         | 14                        | 26  | 577 | 92  |                        |     |    |     |
| Compressed wood with moisture content < 12 %   | no                         | no                      |              |                           |     |     |     |                        |     |    |     |
| Other woody biomass                            | no                         | no                      |              |                           |     |     |     |                        |     |    |     |
| Non-woody biomass                              | no                         | no                      |              |                           |     |     |     |                        |     |    |     |
| Anthracite and dry steam coal                  | no                         | no                      |              |                           |     |     |     |                        |     |    |     |
| Hard coke                                      | no                         | no                      |              |                           |     |     |     |                        |     |    |     |
| Low temperature coke                           | no                         | no                      |              |                           |     |     |     |                        |     |    |     |
| Bituminous coal                                | no                         | no                      |              |                           |     |     |     |                        |     |    |     |
| Lignite briquettes                             | no                         | no                      |              |                           |     |     |     |                        |     |    |     |
| Peat briquettes                                | no                         | no                      |              |                           |     |     |     |                        |     |    |     |
| Blended fossil fuel briquettes                 | no                         | no                      |              |                           |     |     |     |                        |     |    |     |
| Other fossil fuel                              | no                         | no                      |              |                           |     |     |     |                        |     |    |     |
| Blended biomass and fossil fuel briquettes     | no                         | no                      |              |                           |     |     |     |                        |     |    |     |
| Other blend of biomass and solid fuel          | no                         | no                      |              |                           |     |     |     |                        |     |    |     |

### Characteristics when operating with the preferred fuel only:

| Seasonal space heating energy efficiency $\eta_s$ [%]: 75,1      |       |  |                     |       |      |
|--|-------|--|---------------------|-------|------|
| Energy efficiency index EEI: 113,40                              |       | Energy efficiency class: A+                    |                     |       |      |
| Item   | Value | Item   | Symbol              | Value | Unit |
| <b>Type of heat output/room temperature control (select one)</b> |       | <b>Heat output</b>                             |                     |       |      |
| Single stage heat output, no room temperature control            | no    | Nominal heat output                            | P <sub>nom</sub>    | 11,5  | kW   |
| Two or more manual stages, no room temperature control           | no    | Minimum heat output                            | P <sub>min</sub>    | -     | kW   |
| With mechanic thermostat room temperature control                | no    | <b>Useful efficiency (NCV as received)</b>     |                     |       |      |
| With electronic room temperature control                         | no    | Nominal heat output                            | $\eta_{th, nom}$    | 85,1  | %    |
| With electronic room temperature control plus day timer          | no    | Minimum heat output                            | $\eta_{th, min}$    | -     | %    |
| With electronic room temperature control plus week timer         | no    | <b>Auxiliary electricity consumption</b>       |                     |       |      |
| <b>Other control options (multiple selections possible)</b>      |       | Nominal heat output                            | e <sub>l, max</sub> | -     | kW   |
| Room temperature control, with presence detector                 | no    | Minimum heat output                            | e <sub>l, min</sub> | -     | kW   |
| Room temperature control, with open windows detection            | no    | In standby mode                                | P <sub>SB</sub>     | -     | kW   |
| With distance control option                                     | no    | <b>Permanent pilot flame power requirement</b> |                     |       |      |
|  |       | Pilot flame power requirement (if applicable)  | P <sub>pilot</sub>  | n.p.  | kW   |

| Contact details                                     | Name and address of the manufacturer or its authorised representative    |
|---|--|
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(\*) PM = Particulate Matter, OGC = Organic Gaseous Compounds, CO = Carbon monoxide, NOx = Nitrogen Oxides

(\*\*) Only required if correction factors F(2) and F(3) are applied

  
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