

## ECODESIGN REQUIREMENTS FOR SOLID FUEL LOCAL SPACE HEATERS ACCORDING TO COMMISSION REGULATION (EU) 2015/1185 AND ENERGY LABELLING REQUIREMENTS FOR SPACE HEATERS ACCORDING TO COMMISSION REGULATION (EU) 2015/1186

| EDILKAMIN – VYDA2 EVO, KIRA2 EVO                |                            |                         |               |                                                   |     |    |     |                                                       |     |     |     |
|-------------------------------------------------|----------------------------|-------------------------|---------------|---------------------------------------------------|-----|----|-----|-------------------------------------------------------|-----|-----|-----|
| EK63 – MONDAY150++ EVO                          |                            |                         |               |                                                   |     |    |     |                                                       |     |     |     |
| Indirect heating functionality: NO              |                            |                         |               |                                                   |     |    |     |                                                       |     |     |     |
| Direct heat output: 12,6 kW (space heat output) |                            |                         |               |                                                   |     |    |     |                                                       |     |     |     |
| Indirect heat output: -- kW (water heat output) |                            |                         |               |                                                   |     |    |     |                                                       |     |     |     |
| Fuel                                            | Preferred fuel (only one): | Other suitable fuel(s): | $\eta_s$ [%]: | Space heating emissions at nominal heat output(*) |     |    |     | Space heating emissions at minimum heat output(*)(**) |     |     |     |
|                                                 |                            |                         |               | PM                                                | OGC | CO | NOx | PM                                                    | OGC | CO  | NOx |
|                                                 |                            |                         |               | mg/m <sup>3</sup> at 13%O <sub>2</sub>            |     |    |     | mg/m <sup>3</sup> at 13%O <sub>2</sub>                |     |     |     |
| Log wood, moisture content ≤ 25 %               | no                         | no                      |               |                                                   |     |    |     |                                                       |     |     |     |
| Compressed wood with moisture content < 12 %    | yes                        | no                      | 86,2          | 9                                                 | 4   | 55 | 98  | 11                                                    | 3   | 137 | 88  |
| 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  $\eta_s$  [%]: **86,2**

Energy efficiency index EEI: **128**

Energy efficiency class: **A+**

| Item                                           | Symbol      | Value        | Unit | Item                                                             | Symbol          | Value       | Unit |
|------------------------------------------------|-------------|--------------|------|------------------------------------------------------------------|-----------------|-------------|------|
| <b>Heat output</b>                             |             |              |      | <b>Useful efficiency (NCV as received)</b>                       |                 |             |      |
| Nominal heat output                            | $P_{nom}$   | <b>12,6</b>  | kW   | Useful efficiency at nominal heat output                         | $\eta_{th,nom}$ | <b>90,9</b> | %    |
| Minimum heat output (indicative)               | $P_{min}$   | <b>4,8</b>   | kW   | Useful efficiency at minimum heat output (indicative)            | $\eta_{th,min}$ | <b>92,1</b> | %    |
| <b>Auxiliary electricity consumption</b>       |             |              |      | <b>Type of heat output/room temperature control (select one)</b> |                 |             |      |
| At nominal heat output                         | $e_{l,max}$ | <b>0,192</b> | kW   | single stage heat output, no room temperature control            |                 | <b>NO</b>   |      |
| At minimum heat output                         | $e_{l,min}$ | <b>0,115</b> | kW   | two or more manual stages, no room temperature control           |                 | <b>NO</b>   |      |
| In standby mode                                | $e_{l,SB}$  | <b>0,003</b> | kW   | with mechanic thermostat room temperature control                |                 | <b>NO</b>   |      |
| <b>Permanent pilot flame power requirement</b> |             |              |      | with electronic room temperature control                         |                 | <b>NO</b>   |      |
| Pilot flame power requirement (if applicable)  | $P_{pilot}$ | <b>N.A.</b>  | kW   | with electronic room temperature control plus day timer          |                 | <b>NO</b>   |      |
|                                                |             |              |      | with electronic room temperature control plus week timer         |                 | <b>YES</b>  |      |
|                                                |             |              |      | <b>Other control options (multiple selections possible)</b>      |                 |             |      |
|                                                |             |              |      | room temperature control, with presence detection                |                 | <b>NO</b>   |      |
|                                                |             |              |      | room temperature control, with open window detection             |                 | <b>NO</b>   |      |
|                                                |             |              |      | with distance control option                                     |                 | <b>YES</b>  |      |

|                                                             |                                                                             |
|-------------------------------------------------------------|-----------------------------------------------------------------------------|
| Contact details                                             | Name and address of the manufacturer or its authorized representative.      |
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(\*) PM = particulate matter, OGCs = organic gaseous compounds, CO = carbon monoxide, NO<sub>x</sub> = nitrogen oxides

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

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