


## TECHNICAL PARAMETERS FOR SOLID FUEL LOCAL SPACE HEATERS EU 2015/1185 OF 24. APRIL 2015

| Model identifier(s): Scan 1006-B CS                    |   |                     |   |   |                  |                 |      |
|--|---|---------------------|---|---|------------------|-----------------|------|
| Indirect heating functionality                         |   | No                  |   |   |                  |                 |      |
| Direct heat output...(kW)                              |   | 6                   |   |   |                  |                 |      |
| Indirect heat output...(kW)                            |   | N.A                 |   |   |                  |                 |      |
| Fuel   | Preferred fuel (Only one)   | Model identifier(s) | Emissions from space heating at nominal heat output |   |                  |                 |      |
|  |   |                     | PM  | OGC   | CO               | NO <sub>x</sub> |      |
|  |   |                     | [X] mg/Nm <sub>3</sub> (13 % O <sub>2</sub> )       |   |                  |                 |      |
| Wood logs with moisture content < 25%                  | Yes   | No                  | 22  | 35  | 895              | 93              |      |
| Compressed wood with moisture content < 12%            | No  | No                  |   |   |                  |                 |      |
| Other 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 |   |                     |   |   |                  |                 |      |
| Seasonal space heating energy efficiency $\eta_s$ [%]  |   | -                   |   |   |                  |                 |      |
| Energy Efficiency Class                                |   | A+                  |   |   |                  |                 |      |
| Energy Efficiency Index (EEI)                          |   | 109                 |   |   |                  |                 |      |
| Item   | Symbol  | Value               | Unit  | Item  | Symbol           | Value           | Unit |
| Heat output  |   |                     |   | Use efficiency (NCV as received)                          |                  |                 |      |
| Nominal heat output                                    | P <sub>nom</sub>  | 6                   | kW  | Useful efficiency at nominal heat output                  | $\eta_{th, nom}$ | 82              | %    |
| Minimum heat output (indicative)                       | P <sub>min</sub>  | N.A.                | kW  | Useful efficiency at minimum heat output (indicative)     | $\eta_{th, min}$ | N.A.            | %    |
| Auxiliary electricity consumption                      |   |                     |   | Type of heat output/room temperature control (select one) |                  |                 |      |
| At nominal heat output                                 | el <sub>max</sub>   | x,xxx               | kW  | single stage heat output, no room temperature control     |                  | [yes/no]        |      |
| At minimum heat output                                 | el <sub>min</sub>   | x,xxx               | kW  | two or more manual stages, no room temperature control    |                  | [yes/no]        | Yes  |
| In standby mode  | el <sub>SB</sub>  | x,xxx               | kW  | with mechanic thermostat room temperature control         |                  | [yes/no]        |      |
|  |   |                     |   | with electronic room temperature control                  |                  | [yes/no]        |      |
|  |   |                     |   | with electronic room temperature control plus day timer   |                  | [yes/no]        |      |
|  |   |                     |   | with electronic room temperature control plus week timer  |                  | [yes/no]        |      |
|  |   |                     |   | Other control options (multiple selections possible)      |                  |                 |      |
|  |   |                     |   | room temperature control, with presence detection         |                  | [yes/no]        |      |
|  |   |                     |   | room temperature control, with open window detection      |                  | [yes/no]        |      |
|  |   |                     |   | with distance control option                              |                  | [yes/no]        |      |
|  |   |                     |   |   |                  |                 |      |
| Permanent pilot flame power requirement                |   |                     |   |   |                  |                 |      |
| Pilot flame power requirement (if applicable)          | P <sub>pilot</sub>  | N.A.                | kW  |   |                  |                 |      |
| Contact details  | Name and address of the supplier:   |                     |   |   |                  |                 |      |
|  | <br>Brian Ørum, R&D Manager, Scan A/S, Denmark |                     |   |   |                  |                 |      |