


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

| Model identifier(s): Scan 1003 CS                           |   |                     |   |   |                      |                 |      |
|---|---|---------------------|---|---|----------------------|-----------------|------|
| Indirect heating functionality                              |   | No                  |   |   |                      |                 |      |
| Direct heat output...(kW)                                   |   | 7.2                 |   |   |                      |                 |      |
| 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                  | 29  | 55  | 1242                 | 94              |      |
| 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 η <sub>s</sub> [%] |   | -                   |   |   |                      |                 |      |
| Energy Efficiency Class                                     |   | A+                  |   |   |                      |                 |      |
| Energy Efficiency Index (EEI)                               |   | 108                 |   |   |                      |                 |      |
| Item  | Symbol  | Value               | Unit  | Item  | Symbol               | Value           | Unit |
| Heat output   |   |                     |   | Use efficiency (NCV as received)                          |                      |                 |      |
| Nominal heat output   | P <sub>nom</sub>  | 7.2                 | kW  | Useful efficiency at nominal heat output                  | η <sub>th, nom</sub> | 81              | %    |
| Minimum heat output (indicative)                            | P <sub>min</sub>  | N.A.                | kW  | Useful efficiency at minimum heat output (indicative)     | η <sub>th, min</sub> | 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 |                     |   |   |                      |                 |      |