


## TECHNICAL PARAMETERS FOR SOLID FUEL LOCAL SPACE HEATERS EU 2015/1186 OF 24. APRIL 2015

| Model identifier(s): Scan 41-2                         |   |       |                     |   |                 |       |      |
|--|---|-------|---------------------|---|-----------------|-------|------|
| Indirect heating functionality                         |   | No    |                     |   |                 |       |      |
| Direct heat output...(kW)                              |   | 6     |                     |   |                 |       |      |
| Indirect heat output...(kW)                            |   | N.A   |                     |   |                 |       |      |
| Fuel   | Preferred fuel (only one)   |       | Model identifier(s) |   |                 |       |      |
| Wood logs with moisture content $\leq 25\%$            | Yes   |       | No                  |   |                 |       |      |
| 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 $\eta_s$ [%]  |   | 70    |                     |   |                 |       |      |
| Energy Efficiency Class                                |   | A     |                     |   |                 |       |      |
| Energy Efficiency Index (EEI)                          |   | 105   |                     |   |                 |       |      |
| Item   | Symbol  | Value | Unit                | Item  | Symbol          | Value | Unit |
| Heat output  |   |       |                     | Use efficiency (NCV as received)                          |                 |       |      |
| Nominal heat output                                    | $P_{nom}$   | 6     | kW                  | Useful efficiency at nominal heat output                  | $\eta_{th,nom}$ | 79    | %    |
| Minimum heat output (indicative)                       | $P_{min}$   | 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                                 | $el_{max}$  | x,xxx | kW                  | single stage heat output, no room temperature control     | [yes/no]        |       |      |
| At minimum heat output                                 | $el_{min}$  | x,xxx | kW                  | two or more manual stages, no room temperature control    | [yes/no]        | Yes   |      |
| In standby mode  | $el_{SB}$   | 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)          | $P_{pilot}$   | N.A.  | kW                  |   |                 |       |      |
| Contact details  | Name and address of the supplier:   |       |                     |   |                 |       |      |
|  | <br>Brian Ørum, R&D Manager, Scan A/S, Denmark |       |                     |   |                 |       |      |