

| Information requirements for solid fuel local space heaters |            |
|-------------------------------------------------------------|------------|
| Model identifier:                                           | PRITY AM D |
| Trademark:                                                  | PRITY 95   |
| Indirect heating functionality:                             | No         |
| Direct heat output:                                         | 12,5 kW    |
| Indirect heat output:                                       | -          |

| Fuel:                                       | Preferred fuel: | 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/Nm <sup>3</sup> (13 % O <sub>2</sub> )          |     |     |     | mg/Nm <sup>3</sup> (13 % O <sub>2</sub> )          |     |    |     |
| Wood logs with moisture content $\leq 25$ % | yes             | no                      | 69             | 37                                                 | 109 | 980 | 53  | -                                                  | -   | -  | -   |

| Heat output                       |                  |      |    |
|-----------------------------------|------------------|------|----|
| Nominal heat output:              | P <sub>nom</sub> | 12,5 | kW |
| Minimum heat output (indicative): | P <sub>min</sub> | N.A. | kW |

| Useful efficiency (NCV as received)                    |                 |      |   |
|--------------------------------------------------------|-----------------|------|---|
| Useful efficiency at nominal heat output:              | $\eta_{th,nom}$ | 78,6 | % |
| Useful efficiency at minimum heat output (indicative): | $\eta_{th,min}$ | N.A. | % |

| Auxiliary electricity consumption |                    |   |    |
|-----------------------------------|--------------------|---|----|
| At nominal heat output:           | e <sub>l,max</sub> | - | kW |
| At minimum heat output:           | e <sub>l,min</sub> | - | kW |
| In standby mode:                  | e <sub>l,sb</sub>  | - | kW |

| Permanent pilot flame power requirement |                    |      |    |
|-----------------------------------------|--------------------|------|----|
| Pilot flame power requirement:          | P <sub>pilot</sub> | N.A. | kW |

|                                                    |                                                   |    |
|----------------------------------------------------|---------------------------------------------------|----|
| Type of heat output/room temperature control F(2): | two or more manual stages, no temperature control | 0% |
| Other control options F(3):                        | Not applicable                                    | 0% |

|                                |     |
|--------------------------------|-----|
| Energy efficiency class:       | A   |
| Energy efficiency index (EEI): | 104 |

(\*)  $\eta_s$  = seasonal energy efficiency, PM = particulate matter, OGCs = organic gaseous compounds, CO = carbon monoxide, NOx = nitrogen oxides

| Contact details:                                                    |                                                                       | Date:      | Signatory:                                   |                                                                                       |
|---------------------------------------------------------------------|-----------------------------------------------------------------------|------------|----------------------------------------------|---------------------------------------------------------------------------------------|
| PRITY 95 Ltd.<br>33, M. Raikovich str.<br>5140 Lyaskovets, Bulgaria | Tel. +359 (0) 619 2 21 30<br>www.prity-bg.com<br>support@prity-bg.com | 01.10.2024 | eng. Dimitar Kolev<br><br>Laboratory Manager |  |