



**ECODESIGN REQUIREMENTS FOR SOLID FUEL LOCAL SPACE HEATERS
ACCORDING TO COMMISSION REGULATION (EU) 2015/1185 IMPLEMENTING DIRECTIVE
2009/125/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL**

| | |
|--|-----------------|
| Model Identifier(s): | PIDRA 30 |
| Indirect heating functionality: | si |
| Direct heat output: | 2,6 |
| Indirect heat output: | 25,2 |

| Fuel | Preferred fuel (only one): | Other suitable fuel(s): | η_s [%]: | Space heating emissions at nominal heat output (*) | | | | Space heating emissions at minimum heat output (*) (**) | | | | |
|--|----------------------------|-------------------------|---------------|--|-----|----|-----------------|---|-----|-----|-----------------|--|
| | | | | PM | OGC | CO | NO _x | PM | OGC | CO | NO _x | |
| | | | | mg/Nm ³ (13%O ₂) | | | | mg/Nm ³ (13%O ₂) | | | | |
| Wood logs with moisture content ≤ 25 % | no | no | | | | | | | | | | |
| Compressed wood with moisture content < 12 % | yes | no | 87,6 | 15 | 2 | 50 | 131 | 20 | 12 | 399 | 108 | |
| 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:

| Item | Symbol | Value | Unit | Item | Symbol | Value | Unit |
|---|-------------|--|------|--|-----------------|-------|------|
| Heat output | | | | Useful efficiency (NCV as received) | | | |
| Nominal heat output | P_{nom} | 2,6 | kW | Useful efficiency at nominal heat output | $\eta_{th,nom}$ | 94,0 | % |
| Minimum heat output (indicative) | P_{min} | 1,2 | kW | Useful efficiency at minimum heat output (indicative) | $\eta_{th,min}$ | 95,7 | % |
| Auxiliary electricity consumption | | | | Type of heat output/room temperature control (select one) | | | |
| At nominal heat output | $e_{l,max}$ | 0,066 | kW | single stage heat output, no room temperature control | | no | |
| At minimum heat output | $e_{l,min}$ | 0,023 | kW | two or more manual stages, no room temperature control | | no | |
| In standby mode | $e_{l,SB}$ | 0,003 | kW | with mechanic thermostat room temperature control | | no | |
| Permanent pilot flame power requirement | | | | with electronic room temperature control | | no | |
| Pilot flame power requirement (if applicable) | P_{pilot} | n.p. | kW | with electronic room temperature control plus day timer | | no | |
| | | | | with electronic room temperature control plus week timer | | yes | |
| | | | | Other control options (multiple selections possible) | | | |
| | | | | room temperature control, with presence detector | | no | |
| | | | | room temperature control, with open window detection | | no | |
| | | | | with distance control option | | no | |
| Contact details | | Name and address of the manufacturer or its authorised representative | | | | | |
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(*) PM = particulate matter, OGC = organic gaseous compounds, CO = carbon monoxide, NO_x = nitrogen oxides

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

Approved by
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Lab manager




| | |
|-----------------------------------|-------|
| η_S | 87,6 |
| $\eta_{S,on}$ | 94,0 |
| F(2) | 7,0 |
| F(3) | 0,0 |
| F(4) | 3,4 |
| F(5) | 0,0 |
| $\eta_{th,nom}$ | 94,0 |
| elmax | 0,066 |
| elmin | 0,023 |
| elsb | 0,003 |
| Ppilot | 0 |
| Pnom | 2,6 |