

Information requirements for solid fuel local space heaters

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|---------------------------------|-------------------------|
| Model/Name: | A8 V ROUND / A8 C ROUND |
| Trademark: | NOBIS |
| Indirect heating functionality: | No |
| Direct heat output: | 7,8 |
| Indirect heat output: | -- |

| Fuel: | Preferred fuel: | Other suitable fuel(s): | η_s (%) | Specie heating emissions at nominal heat output (*) | | | | Specie heating emissions at minimum heat output (*) | | | | |
|--|-----------------|-------------------------|--------------|---|-----|----|-----|---|-----|----|-----|----|
| | | | | P | COG | CO | NOX | P | COG | CO | NOX | |
| | | | | mg/Nm ³ (13% O ₂) | | | | | | | | |
| Wood logs with moisture content ≤ 25 % | No | No | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Compressed wood with moisture content < 12 % | Yes | No | 89,7 | 3,6 | 2 | 11 | 87 | 5,9 | 6 | 75 | 87 | |

Characteristics when operating with the preferred fuel only

| Heat output | | | |
|-----------------------------------|-----------|-----|----|
| Nominal heat output: | P_{nom} | 7,8 | kW |
| Minimum heat output (indicative): | P_{min} | 3,8 | kW |

Useful efficiency (NCV as received)

| | | | |
|--|-----------------|------|---|
| Useful efficiency at nominal heat output: | $\eta_{th,nom}$ | 92,1 | % |
| Useful efficiency at minimum heat output (indicative): | $\eta_{th,min}$ | 93,2 | % |

Auxiliary electricity consumption

| | | | |
|-------------------------|-------------|-------|----|
| At nominal heat output: | $e_{l,max}$ | 0,012 | kW |
| At minimum heat output: | $e_{l,min}$ | 0,008 | kW |
| In standby mode: | $e_{l,SB}$ | 0,002 | kW |

Permanent pilot flame power requirement

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|--------------------------------|-------------|----|----|
| Pilot flame power requirement: | P_{pilot} | -- | kW |
|--------------------------------|-------------|----|----|

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|--|--|-----|
| Type of heat output/room temperature control F(2): | Single stage heat output, no room temperature control | No |
| | Two or more manual stages, no room temperature control | No |
| | With mechanic thermostat room temperature control | No |
| | With electronic room temperature control | No |
| | With electronic room temperature control plus day timer | No |
| | With electronic room temperature control plus week timer | Yes |

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| Other control options F(3) (multiple selections possible): | Room temperature control, with presence detection | No |
| | Room temperature control, with open window detection | No |
| | With distance control option | Yes |

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|--------------------------------|-----|
| Energy efficiency class: | A++ |
| Energy efficiency index (EEI): | 131 |

Note: (*) η_s = seasonal energy efficiency, PM = particulate matter, OGC = organic gaseous compounds, CO = carbon monoxide, Nox = nitrogen oxides