

Information requirements for solid fuel local space heaters

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|---------------------------------|---------------|
| Model/Name: | H25 V SHAPE / |
| Trademark: | NOBIS |
| Indirect heating functionality: | Yes |
| Direct heat output: | 2,6 |
| Indirect heat output: | 25,1 |

| 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 | 82 | 19,9 | 1 | 103 | 145 | 29 | 2 | 141 | 162 | |

Characteristics when operating with the preferred fuel only

| Heat output | | | |
|-----------------------------------|-----------|------|----|
| Nominal heat output: | P_{nom} | 27,7 | kW |
| Minimum heat output (indicative): | P_{min} | 10,2 | kW |

Useful efficiency (NCV as received)

| | | | |
|--|-----------------|------|---|
| Useful efficiency at nominal heat output: | $\eta_{th,nom}$ | 92,3 | % |
| Useful efficiency at minimum heat output (indicative): | $\eta_{th,min}$ | 93,2 | % |

Auxiliary electricity consumption

| | | | |
|-------------------------|-------------|-------|----|
| At nominal heat output: | $e_{l,max}$ | 0,037 | kW |
| At minimum heat output: | $e_{l,min}$ | 0,024 | kW |
| In standby mode: | $e_{l,SB}$ | 0,004 | kW |

Permanent pilot flame power requirement

| | | | |
|--------------------------------|-------------|----|----|
| 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): | 124 |

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