| Information requirements for solid fuel local space heaters | |
|---|---|
| Model/Name: | **HB17 V ULISSE /** |
| Trademark: | **NOBIS** |
| Indirect heating functionality: | **Yes** |
| Direct heat output: | **2,9** |
| Indirect heat output: | **16,9** |

| Fuel: | Preferred fuel: | Other suitable fuel(s): | $\eta_s$% (*) | Spece heating emissions at nominal heat output (*) | | | | Spece heating emissions at minimum heat output (*) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | P | COG | CO | NOX | P | COG | CO | NOX |
| | | | | mg/Nm$^3$ (13% O$^2$) | | | | mg/Nm$^3$ (13% O$^2$) | | | |
| Wood logs with moisture content ≤ 25 % | **No** | **No** | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Compressed wood with moinsture content < 12 % | **Yes** | **No** | 91,3 | 8 | 2 | 26 | 80 | 3,3 | 2 | 28 | 85 |

| Characteristics when operating with the preferred fuel only | | |
|---|---|---|

| Heat output | | | |
|---|---|---|---|
| Nominal heat output: | $P_{nom}$ | **19,8** | kW |
| Minimum heat output (indicative): | $P_{min}$ | **8,4** | kW |

| Useful efficiency (NCV as received) | | | |
|---|---|---|---|
| Useful efficiency at nominal heat output: | $\eta_{th,nom}$ | **93,5** | % |
| Useful efficiency at minimum heat output (indicative): | $\eta_{th,min}$ | **94,8** | % |

| Auxiliary electricity consumption | | | |
|---|---|---|---|
| At nominal heat output: | $el_{max}$ | **0,019** | kW |
| At minimum heat output: | $el_{min}$ | **0,011** | kW |
| In standby mode: | $el_{SB}$ | **0,001** | kW |

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

| 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** |

| 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** |

| Energy efficiency class: | **A++** |
|---|---|
| Energy efficiency index (EEI): | **133** |

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