

**Technical parameters for solid fuel boilers
according to Table 4 of Annex IV on regulation 2015/1187**

Model identifier: Cast iron sectional hot water boiler for solid fuel, Logan KL-10

Stoking mode: Manual

Condensing boiler: No

Solid fuel cogeneration boiler: No

Combination boiler: No

| Fuel | Preferred fuel (only one): | Other suitable fuel(s): |
|--|----------------------------|-------------------------|
| Log wood, moisture content \leq 25 % | yes | no |
| Chipped wood, moisture content 15-35 % | no | no |
| Chipped wood, moisture content $>$ 35 % | no | no |
| Compressed wood in the form of pellets or briquettes | no | no |
| Sawdust, moisture content \leq 50 % | no | no |
| Other woody biomass | no | no |
| Non-woody biomass | no | no |
| Bituminous coal | no | no |
| Brown coal (including briquettes) | no | yes |
| Coke | no | no |
| Anthracite | no | no |
| Blended fossil fuel briquettes | no | no |
| Other fossil fuel | no | no |
| Blended biomass (30-70 %) and fossil fuel briquettes | no | no |
| Other blend of biomass and fossil fuel | no | no |

Characteristics when operating with the preferred fuel:Seasonal space heating energy efficiency η_s [%]: **61,5**Energy efficiency index EEI: **B**

| Item | Symbol | Value | Unit | Item | Symbol | Value | Unit |
|--|---------------|-------|------|---|------------|-------|------|
| Useful heat output | | | | Useful efficiency | | | |
| At rated heat output | $P_n^{(***)}$ | 76 | kW | At rated heat output | η_n | 72 | % |
| At [30 %/50%] of rated heat output, if applicable | P_p | - | kW | At [30 %/50%] of rated heat output, if applicable | η_p | - | % |
| For solid fuel cogeneration boilers: Electrical efficiency | | | | Auxiliary electricity consumption | | | |
| At rated heat output | $\eta_{el,n}$ | - | % | At rated heat output | e_{lmax} | - | kW |
| | | | | At [30 %/50%] of rated heat output, if applicable | e_{lmin} | - | kW |
| | | | | Of incorporated secondary emission abatement equipment, if applicable | | - | - |
| | | | | In standby mode | P_{SB} | - | kW |

Contact details

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