

Technical parameters for solid fuel local space heaters
EU 2015/1186 of 24 April 2015


| | |
|---------------------------------|------------------------|
| Model identifier(s): | Jøtul F 400 ECO |
| Indirect heating functionality: | no |
| Direct heat output...(kW) | 7,0 |
| Indirect heat output...(kW): | N.A |

| Fuel | Preferred fuel (only one): | Other suitable fuel(s): | Emissions from space heating at nom | | | |
|---|----------------------------|-------------------------|--|-----|-----|-----|
| | | | PM | OGC | CO | NOx |
| | | | (x) mg/Nm ³ (13% O ₂) | | | |
| Wood logs with moisture content ≤ 25% | Yes | No | 6 | 52 | 749 | 79 |
| Compressed wood with moisture content < 12% | No | No | | | | |
| 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

Seasonal space heating energy efficiency η_s [%]: 73

Energy Efficiency Index (EEI): 110,4

| Item | Symbol | Value | Unit | Item | Symbol | Value | Unit |
|--|---|-------|------|--|-----------------|----------|------|
| Heat output | | | | Useful efficiency (NCV as received) | | | |
| Nominal heat output | P_{nom} | 7,0 | kW | Useful efficiency at nominal heat output | $\eta_{th,nom}$ | 83 | % |
| Minimum heat output (indicative) | P_{min} | N.A. | kW | Useful efficiency at minimum heat output (indicative) | $\eta_{th,min}$ | N.A. | % |
| Auxiliary electricity consumption | | | | Type of heat output/room temperature control (select one) | | | |
| At nominal heat output | e_{lmax} | x,xxx | kW | single stage heat output, no room temperature control | | [yes/no] | Yes |
| At minimum heat output | e_{lmin} | x,xxx | kW | two or more manual stages, no room temperature control | | [yes/no] | No |
| In standby mode | e_{lSB} | x,xxx | kW | with mechanic thermostat room temperature control | | [yes/no] | No |
| | | | | with electronic room temperature control | | [yes/no] | No |
| | | | | with electronic room temperature control plus day timer | | [yes/no] | No |
| | | | | with electronic room temperature control plus week timer | | [yes/no] | No |
| | | | | Other control options (multiple selections possible) | | | |
| | | | | room temperature control, with presence detection | | [yes/no] | No |
| | | | | room temperature control, with open window detection | | [yes/no] | No |
| | | | | with distance control option | | [yes/no] | No |
| Permanent pilot flame power requirement | | | | Sign:  Espen Auensen, R&D manager | | | |
| Pilot flame power requirement (if applicable) | P_{pilot} | N.A. | kW | | | | |
| Contact details | Name and address of the supplier: Jøtul AS, P.O. box 1411, 1602 Fredrikstad, Norway | | | | | | |