



**ECODESIGN REQUIREMENTS FOR SOLID FUEL LOCAL SPACE HEATERS
ACCORDING TO COMMISSION REGULATION (EU) 2015/1185 IMPLEMENTING DIRECTIVE
2009/125/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL**

| | |
|--|----------------------|
| Model Identifier(s): | SKYLINE 540 8 |
| Indirect heating functionality: | no |
| Direct heat output: | 7,9 |
| Indirect heat output: | no |

| Fuel | Preferred fuel (only one): | Other suitable fuel(s): | η_s [%]: | Space heating emissions at nominal heat output (*) | | | | Space heating emissions at minimum heat output (*) (**) | | | |
|--|----------------------------|-------------------------|---------------|--|-----|-----|-----------------|---|-----|----|-----------------|
| | | | | PM | OGC | CO | NO _x | PM | OGC | CO | NO _x |
| | | | | mg/Nm ³ (13%O ₂) | | | | mg/Nm ³ (13%O ₂) | | | |
| Wood logs with moisture content ≤ 25 % | yes | no | 77 | 17 | 67 | 228 | 69 | - | - | - | - |
| 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 only:

| Item | Symbol | Value | Unit | Item | Symbol | Value | Unit |
|--|-------------|-------|------|--|-----------------|-------|------|
| Heat output | | | | Useful efficiency (NCV as received) | | | |
| Nominal heat output | P_{nom} | 7,9 | kW | Useful efficiency at nominal heat output | $\eta_{th,nom}$ | 87,4 | % |
| Minimum heat output (indicative) | P_{min} | - | kW | Useful efficiency at minimum heat output (indicative) | $\eta_{th,min}$ | - | % |
| Auxiliary electricity consumption | | | | Type of heat output/room temperature control (select one) | | | |
| At nominal heat output | $e_{l,max}$ | - | kW | single stage heat output, no room temperature control | | no | |
| At minimum heat output | $e_{l,min}$ | - | kW | two or more manual stages, no room temperature control | | no | |
| In standby mode | $e_{l,SB}$ | - | kW | with mechanic thermostat room temperature control | | no | |
| Permanent pilot flame power requirement | | | | with electronic room temperature control | | no | |
| Pilot flame power requirement (if applicable) | P_{pilot} | n.p. | kW | with electronic room temperature control plus day timer | | no | |
| | | | | with electronic room temperature control plus week timer | | no | |
| | | | | Other control options (multiple selections possible) | | | |
| | | | | room temperature control, with presence detector | | no | |
| | | | | room temperature control, with open window detection | | no | |
| | | | | with distance control option | | no | |

| Contact details | Name and address of the manufacturer or its authorised representative |
|--|---|
| +39 0445 741310 +39 0445 741657 export@thermorossi.it www.thermorossi.com | THERMOROSSI S.p.A. Via Grumulo, 4 - 36011 Arsiero (VI) - IT |

(*) PM = particulate matter, OGC = organic gaseous compounds, CO = carbon monoxide, NO_x = nitrogen oxides

(**) Only required if correction factors F(2) or F(3) are applied

Note:

| | |
|-----------------------|---------|
| F(2) | 0 |
| F(3) | 0 |
| Technical report ref. | 2013271 |

Approved by
Maurizio Lorenzon
Industry Division Manager

