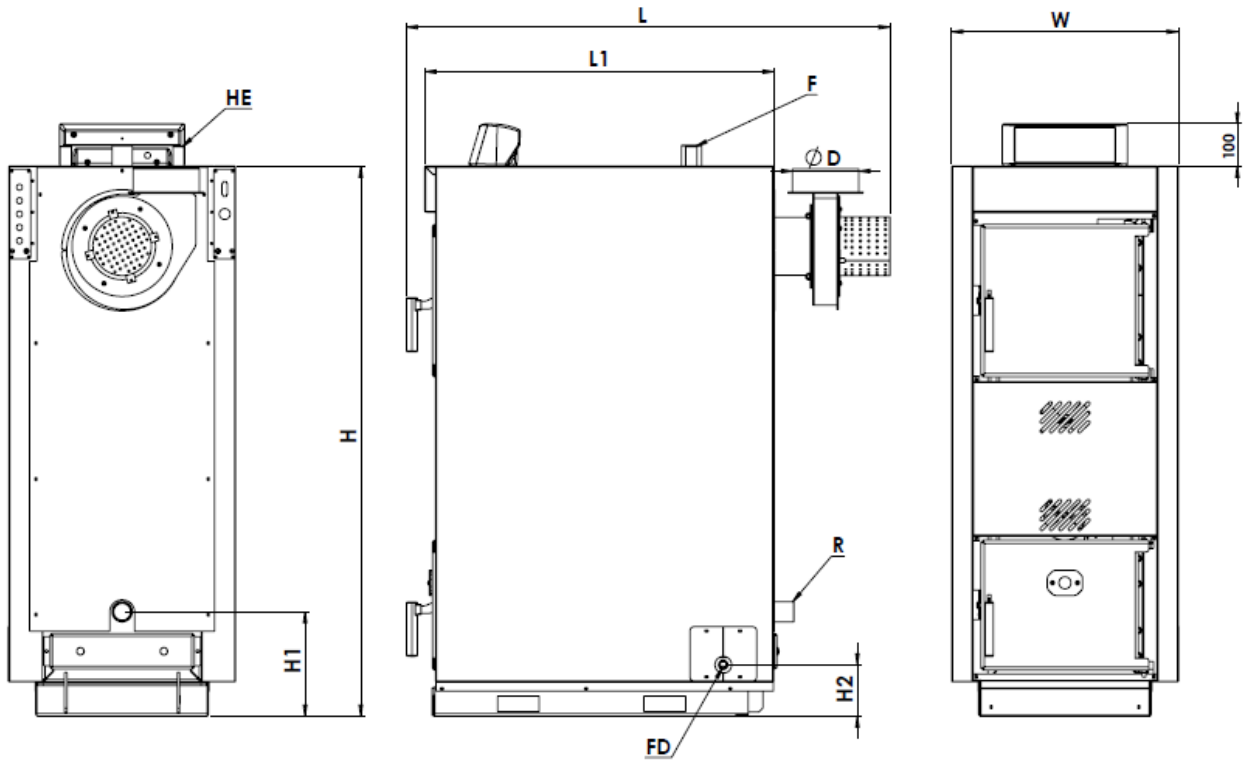


| Model | | SOLARIS | | | |
|--------------------------------------|-----------------|--|---------|--------|---------|
| Types | | SLS 18 | SLS 25 | SLS 32 | SLS 40 |
| Description of boiler | | Welded steel boiler for dry wood logs, in pyrolytic combustion principle, with negative pressure in combustion chamber driven by exhaust fan at flue | | | |
| Fuels | | Dry wood logs | | | |
| Output | kW | 18 | 25 | 32 | 40 |
| Net weight | kg | 405 | 465 | 480 | 580 |
| Water content | lt | 72 | 87 | 91 | 124 |
| Total heating surface | m ² | 2,60 | 3,10 | 3,25 | 4,30 |
| Fuel container volume | dm ³ | 90,0 | 120,0 | 130,0 | 140,0 |
| Maximum wood log length | cm | 50,0 | | | |
| Fuel loading clearance (H x W) | mm | 280x320 | 280x370 | | 350x370 |
| Flue gas temperature | C | < 150 | | | |
| Required draft at chimney (min-max) | Pa | 8 - 23 | | | |
| | mbar | 0,08 - 0,23 | | | |
| Temperature control range | C | 65 - 90 | | | |
| Maximum operating temperature | C | 100 | | | |
| Minimum return temperature | C | 65 (recommended) | | | |
| Safety system activated at | C | 95 | | | |
| Maximum operating pressure | bar | 3 | | | |
| Water flow/return connections (F/R) | R | 1 1/2" | | | |
| Cooling loop connections (HE) | R | 3/4" | | | |
| Filling / draining connection (FD) | R | 1/2" | | | |
| External dimensions | | | | | |
| H H1 H2 W L1 L D | mm | 1325 | 1425 | 1475 | 1545 |
| | mm | 240 | | | |
| | mm | 125 | | | |
| | mm | 545 | 595 | 595 | 595 |
| | mm | 840 | 855 | 855 | 855 |
| | mm | 1160 | 1175 | 1175 | 1175 |
| | mm | 160 | | | |
| | mm | | | | |
| Electrical supply | | 230 V / 50 Hz | | | |
| Power consumption | W | 50 | | | |

| Fuel type | | Wood logs |
|-------------------------------|---|---|
| Combustion period at max load | h | 6 to 8 |
| Requested fuel parameters | | Allowable water content 12 - 20% |
| | | Average calorific value 15.000 - 17.000 kJ/kg |
| Allowable wood log size | | Diameter between 7 cm - 15 cm |

SLS 18



SLS 25 / 32 / 40

