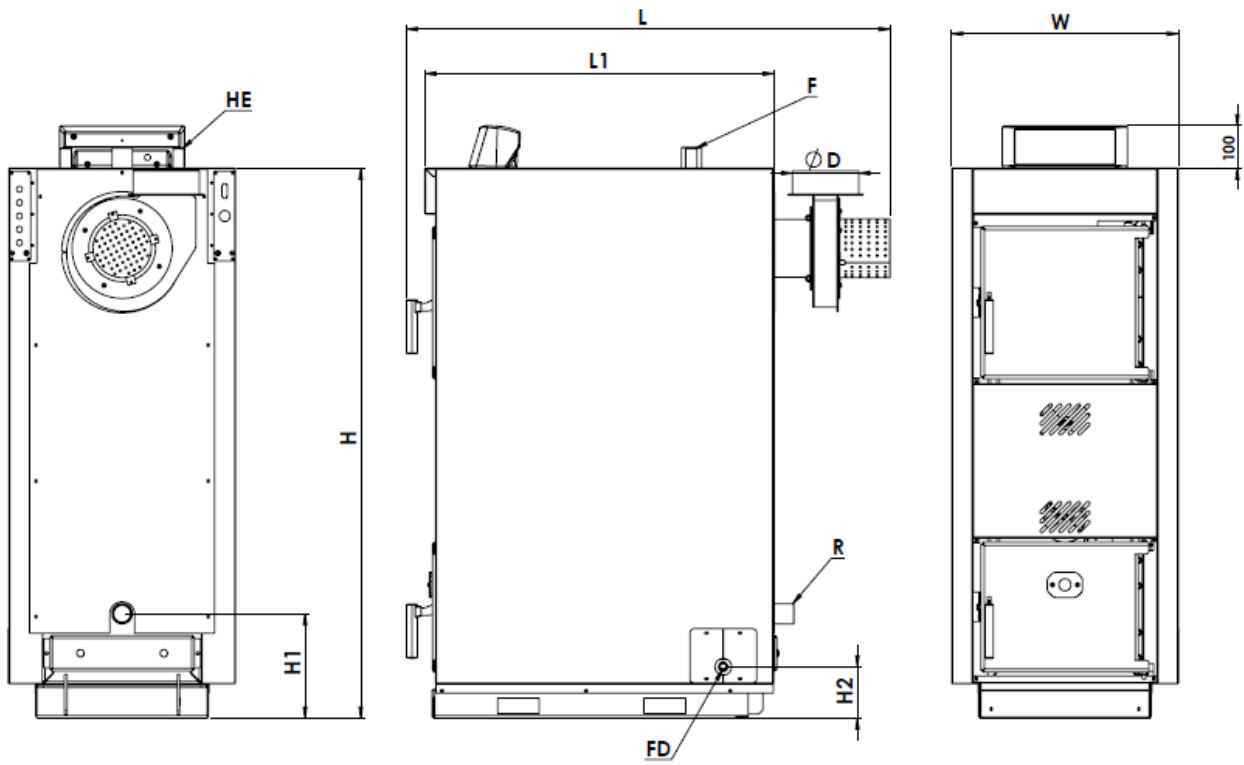


Model		SOLARIS				
Types		SLS 18	SLS 25	SLS 32	SLS 40	SLS 50
Description of boiler		Welded steel boiler for dry wood logs, in pyrolytic combustion principle, with negative pressure in combustion chamber driven by exhaust fan at flue				
Fuels		Dry wood logs				
Output	kW	18	25	32	40	48
Net weight	kg	405	465	480	580	680
Water content	lt	72	87	91	124	155
Total heating surface	m ²	2,60	3,10	3,25	4,30	5,50
Fuel container volume	dm ³	90,0	120,0	130,0	140,0	220,0
Maximum wood log length	cm	50,0				60,0
Fuel loading clearance (H x W)	mm	280x320	280x370		350x370	350x470
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	1545
	mm	240				
	mm	125				
	mm	545	595	595	595	695
	mm	840	855	855	855	1050
	mm	1160	1175	1175	1175	1270
	mm	160				
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 to 50

