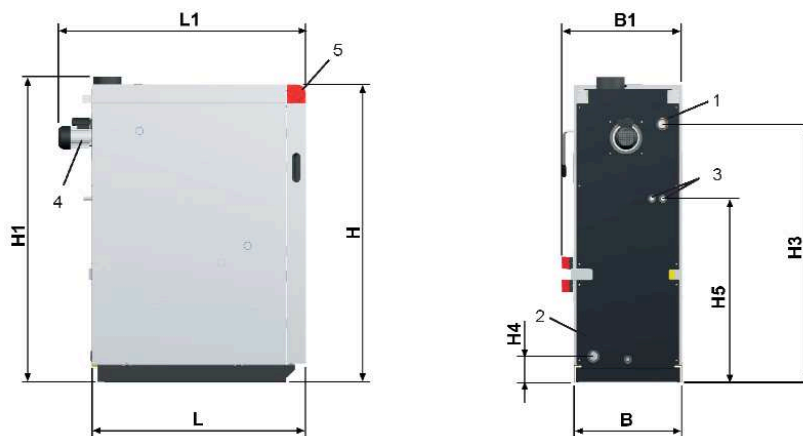


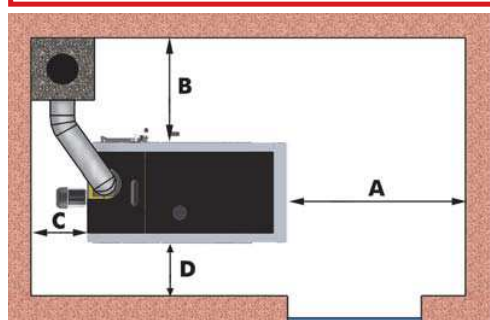
# Technical data

## S3 Turbo



- 1 ...Boiler flow connection      3 ...Safety battery connection  
 2 ...Boiler return connection    4 ...Induced draught fan  
 5 ...Controller S-Tronic

S3 Turbo		18	28	36	45	
Rated heat output (without WOS system)	kW	18	25			
Rated heat output (with WOS system)	kW	22,5	30	36	45	
Electrical connection		230 V / 50 Hz / fused 16 A				
Output	W	70	70	80	80	
Boiler weight	kg	520	525	610	620	
Fuel loading door dimensions (w / h)	mm	330/370	330/370	330/370	330/370	
Fuel loading chamber capacity	Litres	140	140	210	210	
Water capacity	Litres	120	120	190	190	
Upstream resistance dT = 20 K	mbar	1,8	2,1	4,5	6,3	
Flue gas temperature at rated load	°C	150	170	150	170	
Flue gas mass flow under rated load	kg/s	0,013	0,018	0,026	0,033	
Minimum feed pressure	mbar	0,08	0,08	0,08	0,08	
Permitted operating over-pressure	bar	3	3	3	3	
Permitted operating temperature	°C	95	95	95	95	
Minimum return feed temperature	°C	55	55	55	55	
<b>Dimensions</b>		<b>18</b>	<b>28</b>	<b>36</b>	<b>45</b>	
L	Boiler length	mm	1160	1160	1250	1250
L1	Total length inc. induced draw fan	mm	1260	1260	1350	1350
B	Total width of boiler	mm	570	570	670	670
H	Total height of boiler	mm	1470	1470	1570	1570
H1	Height of flue gas pipe connection	mm	1530	1530	1630	1630
H2	Height gas connection. incl. elbow	mm	1750	1750	1850	1850
H3	Height of flow connection	mm	1280	1280	1380	1380
H4	Height of return connection	mm	140	140	140	140
AR	Flue gas pipe diameter	mm	150	150	150	150
Boiler flow- and return connection		inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"



### S3 Turbo

A	Minimum distance from front-side to wall	mm	800
B	Minimum distance from edge of boiler to wall	mm	800
C	Minimum distance from back-side of boiler to wall	mm	500
D	Minimum distance from edge of boiler to wall	mm	200