

CENTRAL
HEATING
SYSTEMS

YAKUT Series / 2 Pass Steel Boiler



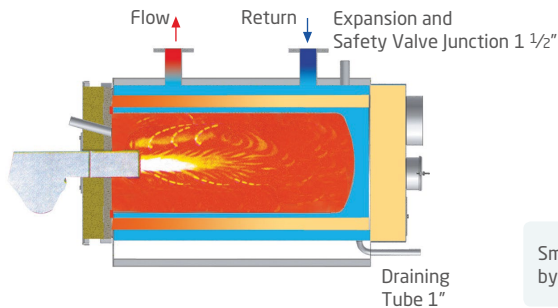
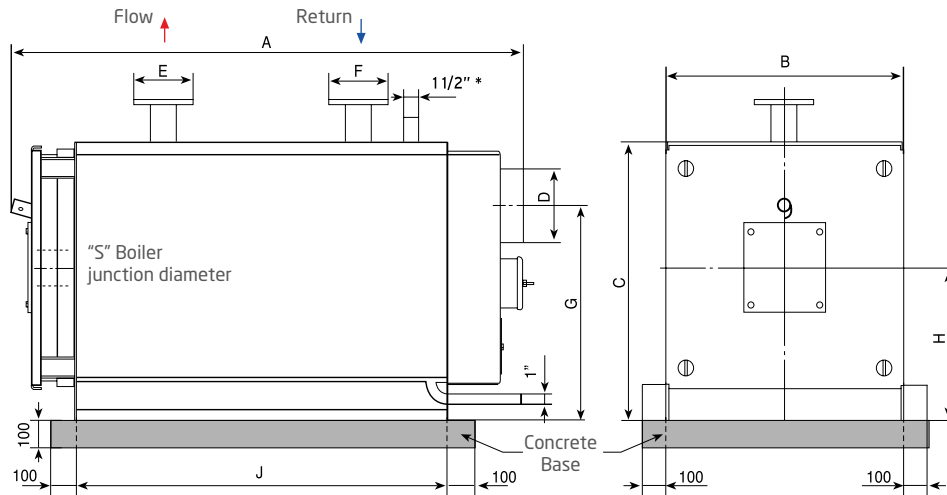
YAKUT Series

2 Pass Steel Boiler



- Standart 3 bar operating pressure of 3 bar for 65.000 kcal/h - 800.000 kcal/h
- Available for usage with Natural Gas and Oil
- Nature friendly due to low emmision values
- Bidirectional opening boiler cover
- High heat insulation with special insulated front door
- High smoke efficiency with special made turbulator
- Minimum sizes, maximum efficiency due to the capacity
- Availability of custom manucaturing for higher operating pressures

Boiler Technical Dimensions



Smooth start-up and quiet operation are provided by means of special construction of the combustion chamber.

Technical Data Sheet

Boiler Type	CAPACITY		A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	J mm	Water Volume l	Approximate Boiler Weight kg
	Kcal/h	kW											
6	65.000	75	1300	665	750	197	R 1 1/2"	R 1 1/2"	540	415	808	100	260
8	85.000	99	1370	700	815	217	R 1 1/2"	R 1 1/2"	605	440	845	105	350
10	100.000	115	1520	720	815	247	65	65	605	440	990	120	420
12	125.000	145	1520	720	815	247	65	65	605	440	990	120	420
15	150.000	175	1550	740	890	247	65	65	670	500	1030	186	465
18	180.000	205	1550	740	890	247	65	65	670	500	1030	186	465
20	200.000	235	1760	800	930	247	80	80	725	512	1210	250	560
25	250.000	290	1760	800	930	247	80	80	725	512	1210	250	560
30	300.000	350	1995	850	950	296	80	80	745	510	1460	320	675
35	350.000	410	1995	850	950	296	80	80	745	510	1460	320	675
40	400.000	465	2070	1020	1105	296	80	80	850	595	1487	565	1087
50	500.000	580	2070	1125	1200	346	100	100	890	640	1487	635	1087
60	600.000	700	2070	1125	1200	346	100	100	890	640	1487	635	1087
70	700.000	815	2350	1125	1200	346	100	100	890	640	1725	690	1339
80	800.000	930	2350	1125	1200	346	100	100	890	640	1725	690	1339

- We reserve the right to modify the technical information.
- All connections in Yakut 6-8 boiler are geared. Expansion connection is R 1 1/4 ".
- This is S = 145 mm for Yakut 6, S = 175 mm between Yakut 8-35, S = 245 mm between Yakut 40-80.
- Boiler control panels are optional.
- Yakut 6-8-10 Boilers do not work with Fuel-Oil.

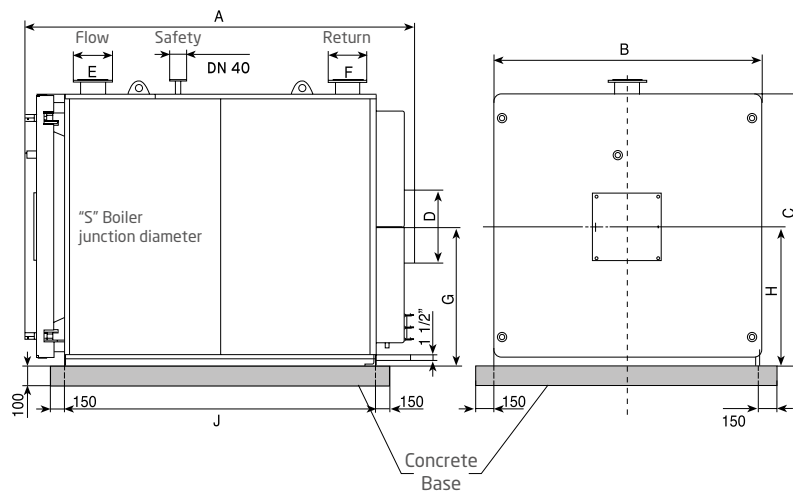
YAKUT PLUS Series

2 Pass Steel Boiler

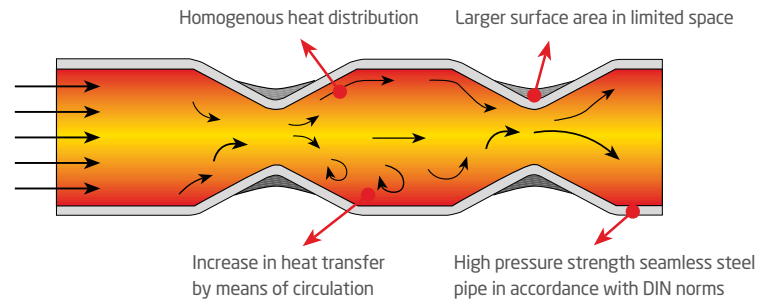


- For large capacity needs;
- Yakut Plus 100 - 1.000.000 kcal/h
- Yakut Plus 130 - 1.000.000 kcal/h
- Yakut Plus 160 - 1.600.000 kcal/h
- Yakut Plus 200 - 2.000.000 kcal/h
- Yakut Plus 250 - 2.500.000 kcal/h
- Standard operating pressure of 5 bar
- Ease of bidirectional opening - closing due to the new hinge system design,
- High thermal insulation due to special insulated cover
- High heat transfer in limited space due to special formed smoke tubes pipes
- Ease of installation and maintenance by means of walkable outer coat for Yakut Plus 100-250 boiler series
- Standard flanged safety connection
- Ergonomic boiler dimensions
- Availability of custom manufacturing for higher operating pressures

Boiler Technical Dimensions



The advantages of shaped smoke-tubes



Technical Data Sheet

Boiler Type	CAPACITY		A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	J mm	Water Volume /	Approximate Boiler Weight kg
	Kcal/h	kW											
100	1.000.000	1210	2380	1450	1466	500	DN 125	DN 125	766	766	1804	1327	2350
130	1.300.000	1540	2760	1750	1800	550	DN 125	DN 125	925	925	2330	2620	3350
160	1.600.000	1815	2760	1750	1800	550	DN 125	DN 125	925	925	2330	2590	3550
200	2.000.000	2310	2980	1900	1970	600	DN 150	DN 150	1020	1020	2400	3530	4600
250	2.500.000	2900	3425	2400	2350	650	DN 200	DN 200	1225	1225	2739	4700	6850

- This is S = 270 mm for Yakut Plus 100 - 130 - 160, S = 350 mm for Yakut Plus 200, S = 420 mm for Yakut Plus 250.
- We reserve the right to modify the technical information.
- Boiler control panels are optional.



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