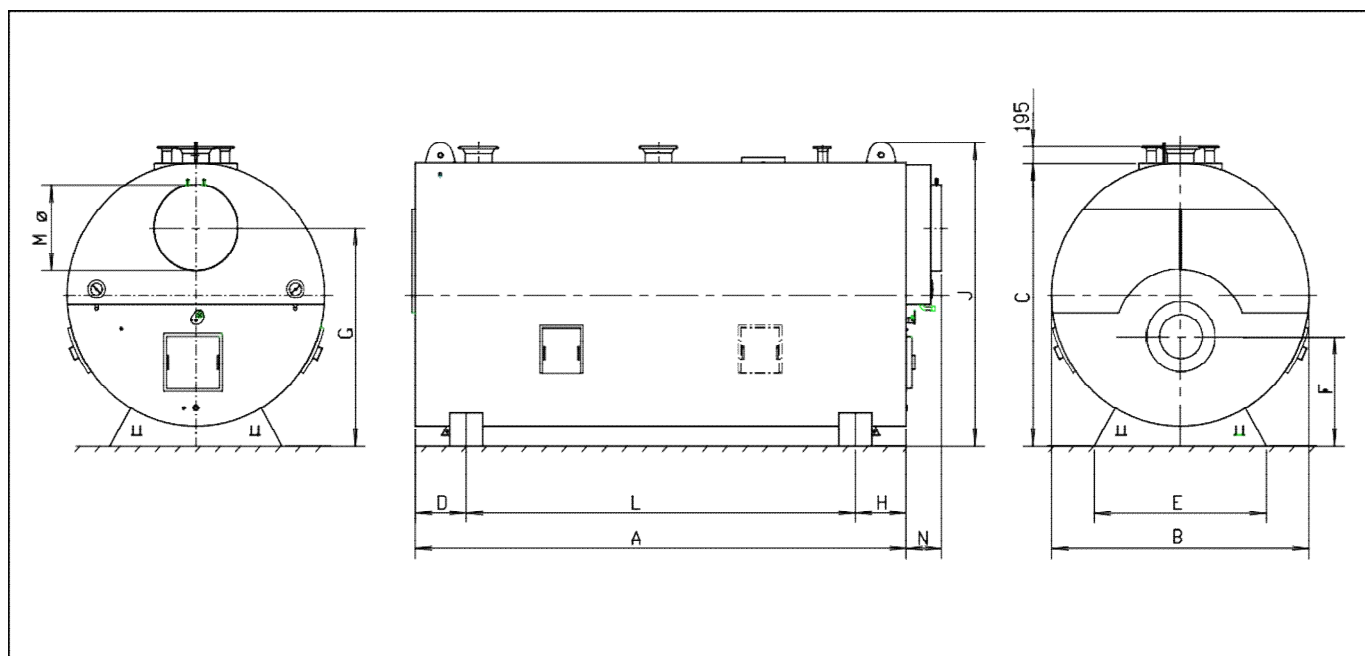


TVB No. 15 to 22 Hot Water Boiler

Dimension Drawing

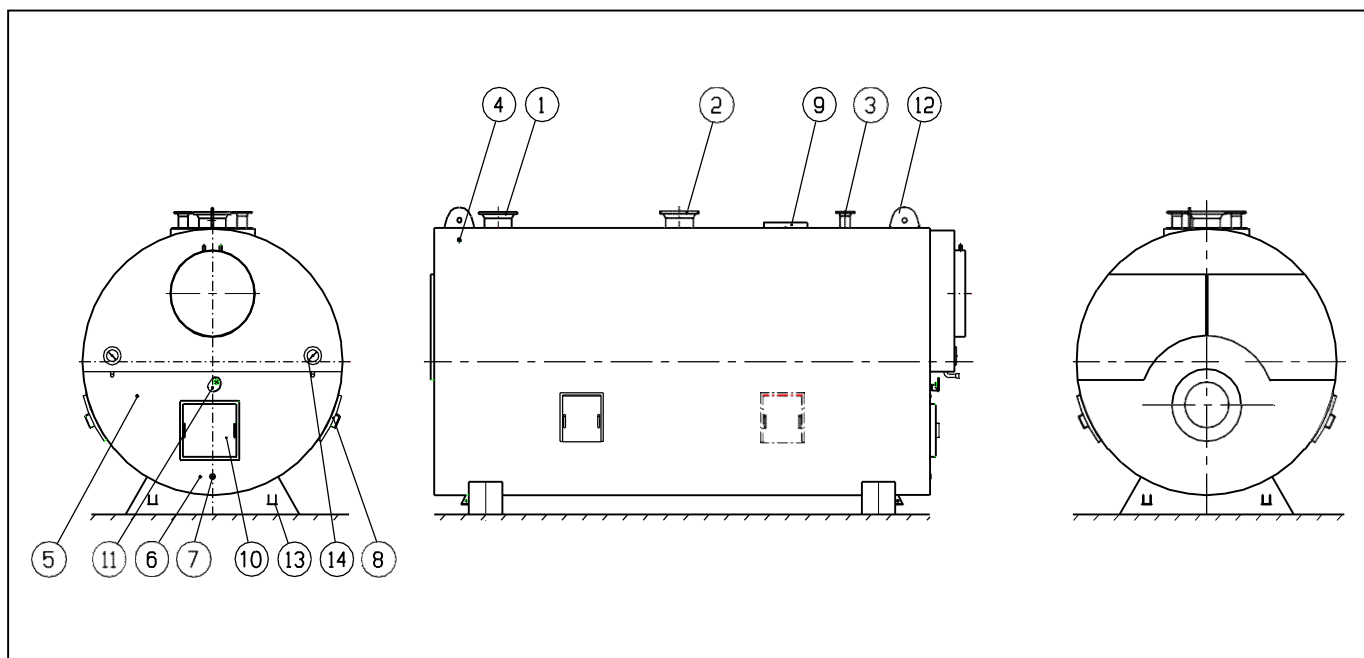


	No.	15	16	17	18	19	22
Max. heat output at 60/80°C	kW	12.000	13.500	15.000	17.500	20.000	25.000
Max. heat output at 90/110°C	kW	12.000	12.500	14.500	17.500	20.000	25.000
A	mm	6130	6830	7130	7330	7530	8080
A & H (at 16 bar boilers)							
B	mm	3310	3410	3410	3810	3910	4160
C	mm	3505	3655	3655	4035	4135	4250
D	mm	615	615	615	615	615	615
E	mm	2166	2200	2200	2580	2580	2530
F	mm	1285	1390	1390	1490	1540	1545
G	mm	2620	2820	2820	3035	3100	3255
H	mm	615	615	615	615	615	715
J	mm	3750	3900	3900	4280	4380	4380
L	mm	4900	5600	5900	6100	6300	5270
M (inside diameter)	mm	950	1000	1100	1150	1200	1200
N	mm	485	485	485	485	485	740
Water content	m ³	23,6	27,1	28,4	39,3	41,2	43
Diameter of furnace	mm	1550	1630	1630	1730	1850	1900
Length furnace	mm	5223	5904	6204	6300	6500	6800
Flue gas volume	m ³	16,6	20,3	21,4	26,8	30,4	38,5
Flue gas temperature*	°C	195	210	210	205	195	201
Flue gas resistance*	mbar	11	10	12	13	13	13
Weight 4.0 bar	ton	20,1	21,9	22,8	27,7	30,3	45
Weight 6.5 bar	ton	21,8	24,2	25,2	31,8	35,0	50
Weight 10 & 16 bar	ton	Contact Danstoker					

* at natural gas, O₂ dry: 2.1%, 25-01-02

The manufacturer reserves the right to make alterations.

TVB Nos. 15 to 19 Hot Water Boiler



Branch Arrangement

		No.	15	16	17	18	19	22
	Max.heat output at 60/80 °C	kW	12.000	13.500	15.000	17.500	20.000	25.000
	Max.heat output at 90/110°C	kW	12.000	12.500	14.500	17.500	20.000	25.000
Pos	Branch Connections							
1	Flow	DN	350	400	400	500	500	500
2	Return	DN	350	400	400	500	500	500
3	Safety valves 4,0 bar	DN	2 x 125	2 x 150	2 x 150	2 x 150	3 x 150	3 x 150
3	Safety valves 6,0 bar	DN	2 x 100	2 x 100	2 x 125	2 x 125	2 x 150	2 x 150
3	Safety valves 10 bar	DN	2 x 65	2 x 80	2 x 80	2 x 80	3 x 80	3 x 80
3	Safety valves 13 bar	DN	2 x 50	2 x 65	2 x 65	2 x 65	2 x 65	2 x 65
4	Measuring	RG	4 x ¾	4 x ¾	4 x ¾	4 x ¾	4 x ¾	4 x ¾
5	Measuring	RG	½	½	½	½	½	½
6	Standstill shunt	RG	¾	¾	¾	¾	¾	¾
7	Drain	RG	2	2	2	2	2	2

Pos		Pos	
8	Man hole 320 x 420 mm (2 pcs.)	12	Lifting eyes (2 pcs.)
9	Man hole 320 x 420 mm (1 pc.)	13	Handling brackets
10	Access door (inspection)	14	Cleaning cover
11	Inspection hole		

The manufacturer reserves the right to make alteration