

Three Pass Hot Water Boiler

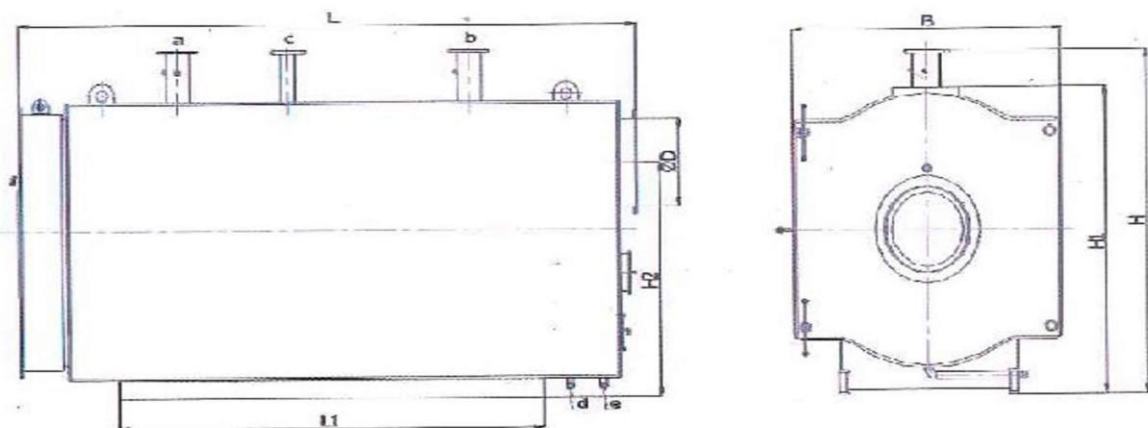
TR MAX
Liquid and Gas Fuel,
Three Pass Hot Water
Boiler



Capacity: 1600 – 5000kW
Maximum Operating Temp: 100C
Maximum Operating Pressure: 8 bar

- * **3-pass design provides optimum thermal balance, effective heat transfer and low operating cost.**
- * **Lower heat load by means of large water volume.**
- * **Optimum furnace geometry.**
- * **Longer boiler life due to continuous draft at all of three passes and balanced cooling of flue gas.**
- * **Maximum heating energy utilized due to flue gas tabulators placed in 3rd pass flue gas tubes.**
- * **Minimum pollution to environment by means of low flue gas emissions.**
- * **Radiation heat losses and stand by losses are minimized by means of stainless steel cladding, 50mm glass wool insulation.**

SEE SPECS BELOW



TR MAX BOILER DIMENSIONS

TR MAX		1600	2000	2500	3200	4000	5000
Capacity	kw	1600	2000	2500	3200	4000	5000
L	mm	3,768	4,173	4,393	4,993	5,444	5,746
L1	mm	2,500	2,720	2,900	3,500	3,895	4,000
B	mm	1,675	1,960	2,005	2,100	2,205	2,450
H	mm	1,995	2,205	2,232	2,392	2,500	2,770
H1	mm	1,780	2,020	2,045	2,165	2,275	2,540
H2	mm	1,405	1,565	1,592	1,687	1,866	2,033
OD	mm	500	600	600	650	700	700
Water Outlet Nozzle (a)	DN	150	200	200	250	250	250
Water Return Nozzle (b)	DN	150	200	200	250	250	250
Safety Valve (c)	mm	80	100	100	100	125	150
Boiler Drain (d)	inc	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"	2"
Smoke Box Drain (e)	inc	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Water Volume	lt	3044	4622	4937	6133	7006	9306
Counter Pressure	mbar	7,3	7,6	7,8	8,1	7,2	6,2