

Three Pass Hot Water Boiler

TRIPLETTE – TR 80 – 350 /TR 465- 1250
Liquid and Gas Fuel,
Three Pass Hot
Water Boiler

TRIPLETTE

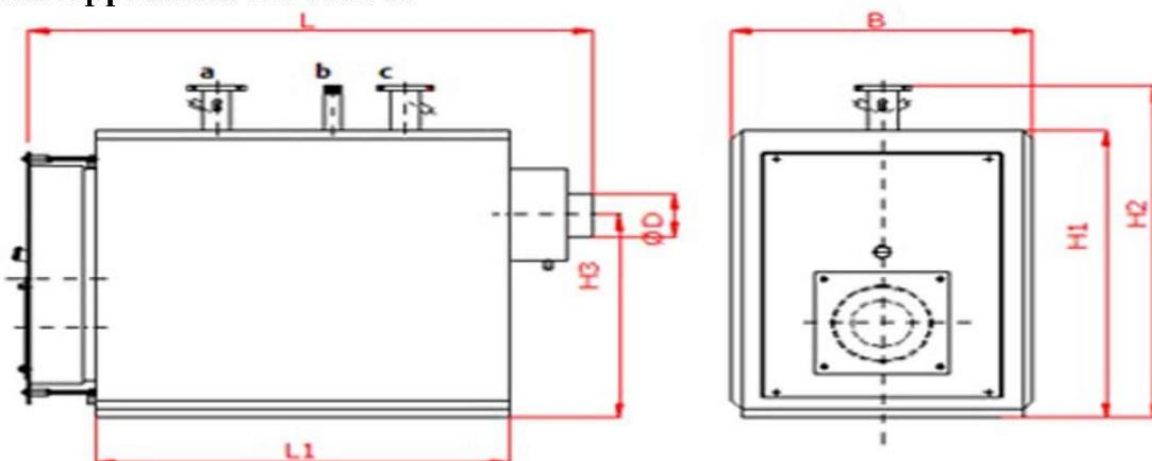


Capacity: 80 – 350kW /465 – 1250kW

Maximum Operating Temp: 100C

Maximum Operating Pressure: 8 bar

- * Easy Access and installation opportunity because of narrowness due to oval boiler body.
- * Imbricate 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.
- * Certified according to 92/42/EC New Hot Water Boilers and 2009/142EC Gas Appliances Directives



TR BOILER DIMENSIONS

TR		80	105	150	200	250	300	350
Capacity	kw	80	105	150	200	250	300	350
L	mm	1,510	1,516	1,617	1,800	1,870	2,120	2,167
L1	mm	1,020	1,020	1,120	1,300	1,340	1,590	1,640
B	mm	750	750	910	910	990	990	990
H1	mm	1,020	1,020	1,230	1,230	1,340	1,340	1,340
H2	mm	1,200	1,200	1,408	1,410	1,518	1,518	1,518
H3	mm	718	718	895	895	948	948	985
OD	mm	180	180	200	200	200	200	240
Water Outlet (a)	DN	50	50	50	65	65	65	65
Water Return (c)	DN	50	50	50	65	65	65	65
Safety Valve (b)	mm	42,4	42,4	48,3	48,3	48,3	48,3	60,3
Boiler Drain Nozzle (d)	inc	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Smoke Box Drain Nozzle (e)	inc	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Water Volume	lt	220	230	400	460	520	620	620
Counter Pressure	mbar	0,7	0,9	1,3	1,8	2,3	2,7	3

TR BOILER DIMENSIONS

TR		465	600	810	1000	1250
Capacity	kw	465	600	810	1000	1250
L	mm	2,217	2,232	2,642	2,452	2,857
L1	mm	1,810	1,810	2,210	2,010	2,410
B	mm	840	920	920	1,020	1,020
H1	mm	1,658	1,798	1,798	1,983	1,983
H2	mm	1,822	1,972	1,977	2,170	2,166
H3	mm	1,370	1,535	1,535	1,670	1,67
OD	mm	300	300	300	400	400
Water Outlet (a)	DN	80	80	100	100	125
Water Return (c)	DN	80	80	100	100	125
Safety Valve (b)	mm	60,3	60,3	76,1	76,1	88,9
Boiler Drain Nozzle (d)	inc	1"	1"	1"	1"	1"
Smoke Box Drain Nozzle (e)	inc	1/2"	1/2"	1/2"	1/2"	1/2"
Water Volume	lt	550	580	690	790	930
Counter Pressure	mbar	4,6	5,4	7,2	8,5	7,6

