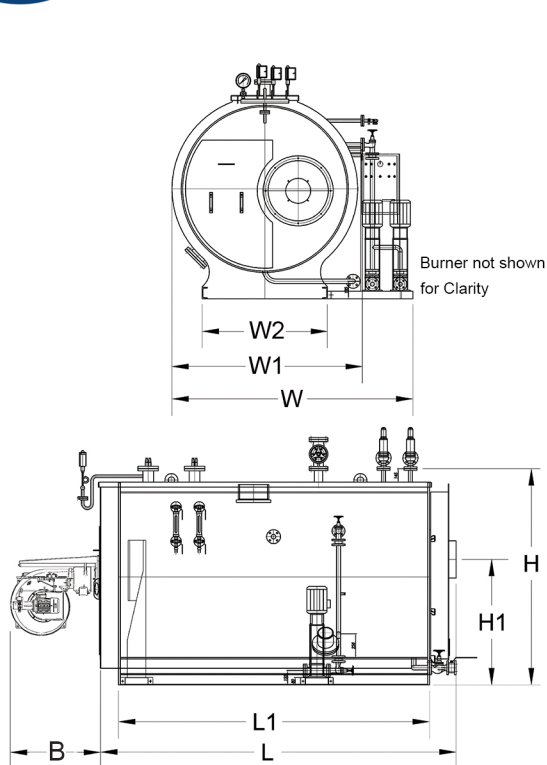


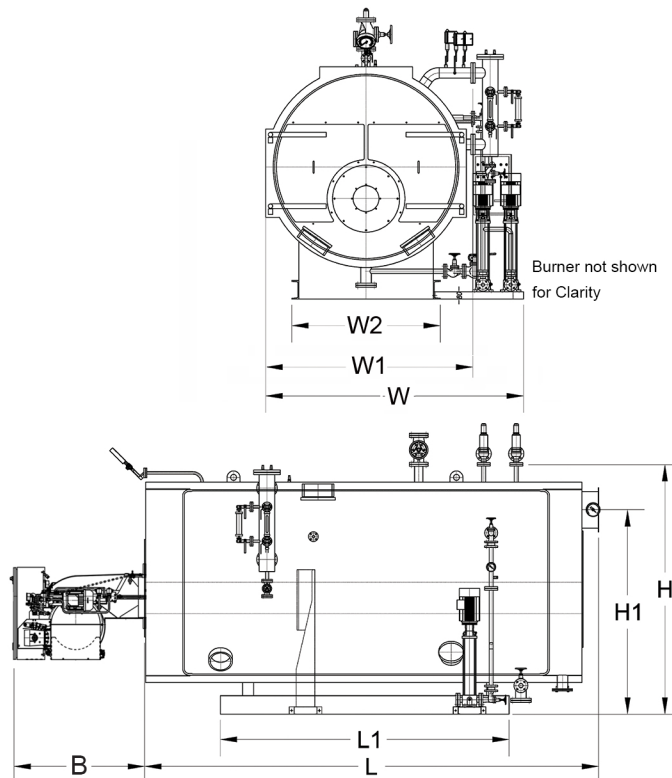


DELTA-T EST Series

HIGH PRESSURE STEAM BOILER



EST-1 to EST-4



EST-5 to EST-10

SIZE				1	2	3	4	5	6	7	8	10	
Steam Production				kg/hr	1,000	2,000	3,000	4,000	5,000	6,000	7,000	8,000	10,000
Max power output				KW	628	1,256	1,885	2,513	3,141	3,769	4,397	5,026	6,282
Dimensions	W	Overall Width	mm	2,395	2,590	2,600	2,790	2,980	3,080	3,160	3,300	3,450	
	W1	Shell Width	mm	1,850	2,050	2,050	2,250	2,380	2,480	2,560	2,610	2,800	
	W2	Skid Width	mm	1,250	1,350	1,350	1,500	1,600	1,800	1,800	1,820	1,900	
	L	Overall Length	mm	3,310	3,590	4,100	4,850	5,610	5,620	5,770	6,650	6,900	
	L1	Skid Length	mm	2,600	2,850	3,350	4,000	3,440	3,500	3,300	4,000	4,620	
	H	Overall Height	mm	2,135	2,360	2,355	2,555	2,900	2,990	3,070	3,120	3,320	
	H1	Stack Outlet Height	mm	1,210	1,350	1,320	1,460	2,350	2,450	2,470	2,530	2,680	
	B	Burner Ext. Single Fuel	mm	660	820	921	1,100	1,100	1,100	1,100	1,453	1,453	
Connections (*)	B	Burner Ext. Dual Fuel	mm	1,037	1,037	1,132	1,206	1,206	1,206	1,206	1,508	1,555	
	Stack	mm	300	350	400	450	550	550	650	650	700		
	Steam	DN	50	80	80	100	125	125	125	125	150		
	Blowdown	DN	25	40	40	40	40	40	40	40	40		
	Feed Water	DN	32	32	32	32	40	40	40	40	50	50	
	Shipping Weight			kg	5,313	7,036	8,710	10,517	14,717	17,043	18,687	19,160	24,526
	Water Capacity Full			dm³	3,475	4,600	5,450	6,720	11,300	12,000	13,720	14,950	19,520
	Water Content at NWL			dm³	2,550	3,515	4,050	4,950	9,100	9,500	10,650	11,960	15,270
Consumption	Fuel	GCV	NCV										
	Diesel	39,000 kJ/l	36,600 kJ/l	LPH	69	138	207	276	345	414	483	552	690
	HFO	41,800 kJ/l	39,300 kJ/l	LPH	64	129	193	258	322	386	451	515	644
	Natural Gas	38,000 kJ/m³	35,000 kJ/m³	m³/h	71	142	213	283	354	425	496	567	709

THREE PASS WETBACK FIRETUBE SCOTCH MARINE DESIGN **ACCORDING TO PED / EUROPEAN STANDARDS**

(*)Fuel Consumptions are based on an efficiency of 84% (gross) , 90% (net) for oil and 92% (net) for gas.

Design Pressure: 12 Bar Fuels: Natural Gas / LPG / Diesel / Heavy Oil (HFO)

Firing Scheme: 2 Stage, 3 stage, Modulation , Parallel Positioning

Shape of the burner , trim and components may vary to suit application.

DELTA-T Reserves the right to make any modification without prior notice

