

# SHW

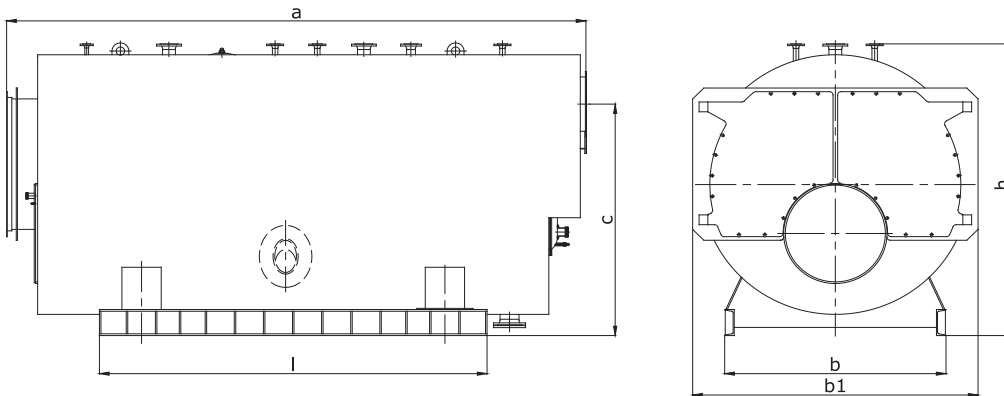
## Liquid and Gas Fueled, Three-Pass Superheated Water Boiler



- \* 700-23200 kW superheated water generation capacity
- \* 6-16 bar operating pressure
- \* Liquid and gas fueled
- \* Can be used with pressure jet burner
- \* Suitable for energy demand peaks
- \* Suitable for large capacity central heating systems
- \* Wet-back design enables maximum benefit from heat transfer surface
- \* Low furnace load to ensure burning is completed in firebox (< 1,3 MW/m<sup>3</sup>)
- \* Complete combustion and low NOx emission, thanks to thermal design
- \* Thanks to high density insulation material used in coating boiler body, radiation and standby losses are reduced
- \* Up-to 95% efficiency in economizer use

### SHW

#### Liquid and Gas Fueled, Three-Pass Superheated Water Boiler



Technical Specifications	Unit	807	1008	1210	1513	1815	2016	2520	3025	3530	4035	4540
Capacity	kcal/h	688.000	860.000	1.032.000	1.290.000	1.548.000	1.720.000	2.150.000	2.580.000	3.010.000	3.440.000	3.870.000
Capacity	kW	800	1.000	1.200	1.500	1.800	2.000	2.500	3.000	3.500	4.000	4.500
a	mm	3.936	4.180	4.400	4.460	4.555	4.618	4.933	5.273	5.555	5.806	6.050
b	mm	1.235	1.450	1.450	1.650	1.750	1.650	1.700	1.900	1.950	2.000	2.040
b1	mm	2.000	2.052	2.130	2.230	2.260	2.296	2.376	2.526	2.574	2.664	2.776
c	mm	1.599	1.600	1.722	1.780	1.932	1.838	1.903	2.022	2.064	2.128	2.211
l	mm	2.475	2.610	2.730	2.790	2.880	2.950	3.260	3.460	3.625	3.875	4.120
h	mm	2.030	2.030	2.162	2.262	2.404	2.404	2.494	2.645	2.696	2.785	2.908
Counter Pressure	mbar	5	6	6	6	6	6	6	6	7	7	7
Water Volume	lt	3.278	3.536	4.596	5.030	6.154	6.124	7.157	8.919	9.720	11.028	13.160

Technical Specifications	Unit	5045	6050	7060	8070	9080	10090	1200	-T 120100	-T 146120	-T 175146	-T 232195
Capacity	kcal/h	4.300.000	5.160.000	6.020.000	6.880.000	7.740.000	8.600.000	10.320.000	10.320.000	12.556.000	15.050.000	20.000.000
Capacity	kW	5.000	6.000	7.000	8.000	9.000	10.000	12.000	12.000	14.600	17.500	23.200
a	mm	6.270	6.740	6.785	7.170	7.515	7.844	8.190	6.948	7.450	7.972	8.240
b	mm	2.100	2.150	2.280	2.400	2.430	2.465	2.320	3.110	3.110	3.500	3.383
b1	mm	2.836	2.860	2.970	3.110	3.100	3.160	3.183	3.870	4.120	4.306	4.670
c	mm	2.270	2.282	2.430	2.490	2.550	2.607	2.677	3.148	3.300	3.374	3.893
l	mm	4.300	4.760	4.755	5.140	5.285	5.615	6.320	4.637	5.118	5.635	5.930
h	mm	2.988	3.030	3.170	3.313	3.370	3.544	3.666	4.246	4.466	4.596	5.000
Counter Pressure	mbar	7	8	9	9	9	10	10	10	10	10	10
Water Volume	lt	14.257	15.666	16.767	19.729	20.793	22.688	26.886	28.901	36.674	41.976	49.473