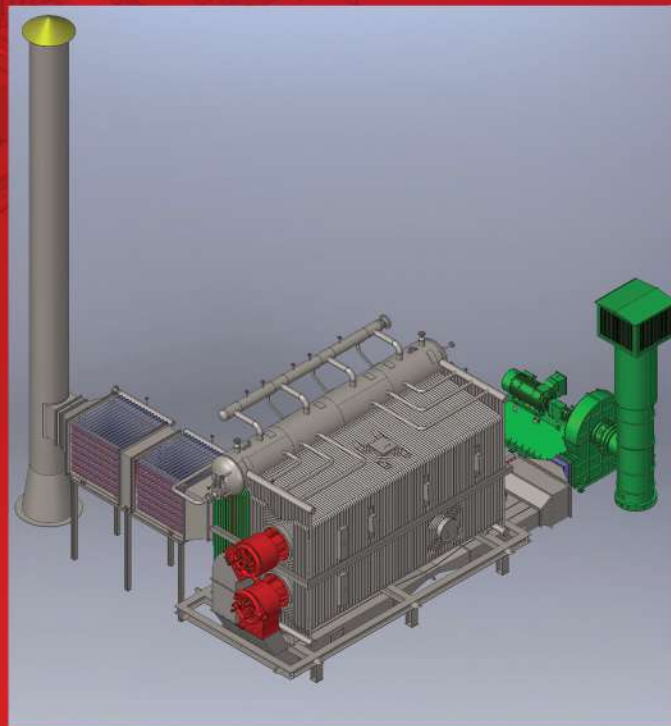
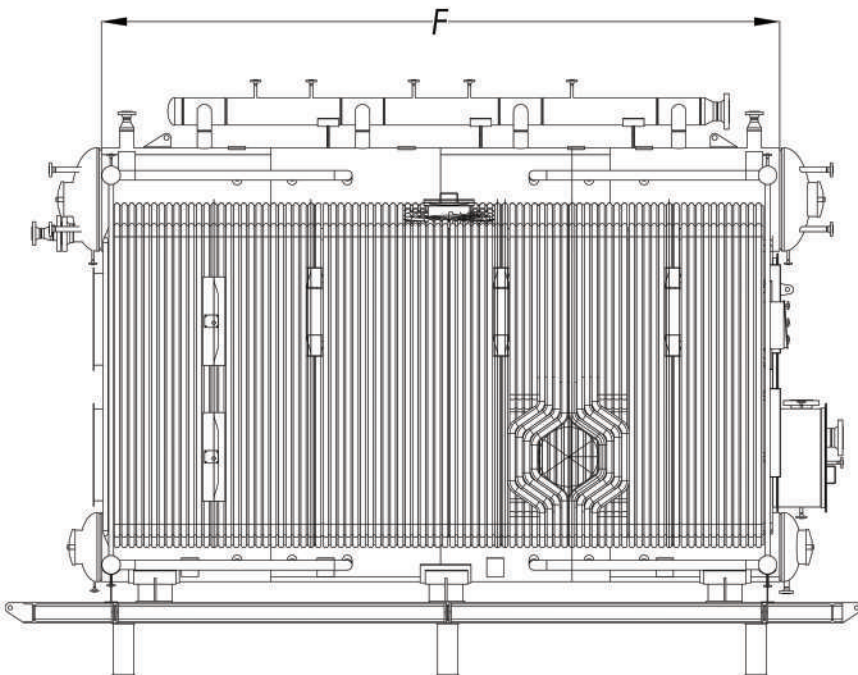
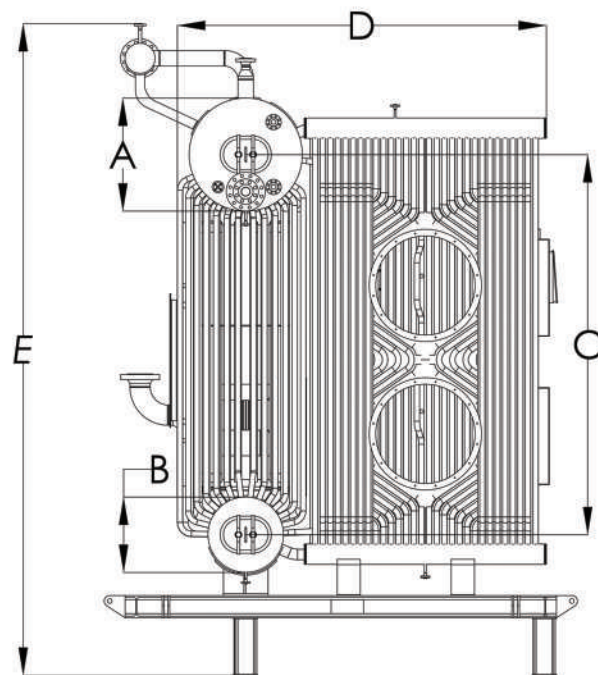




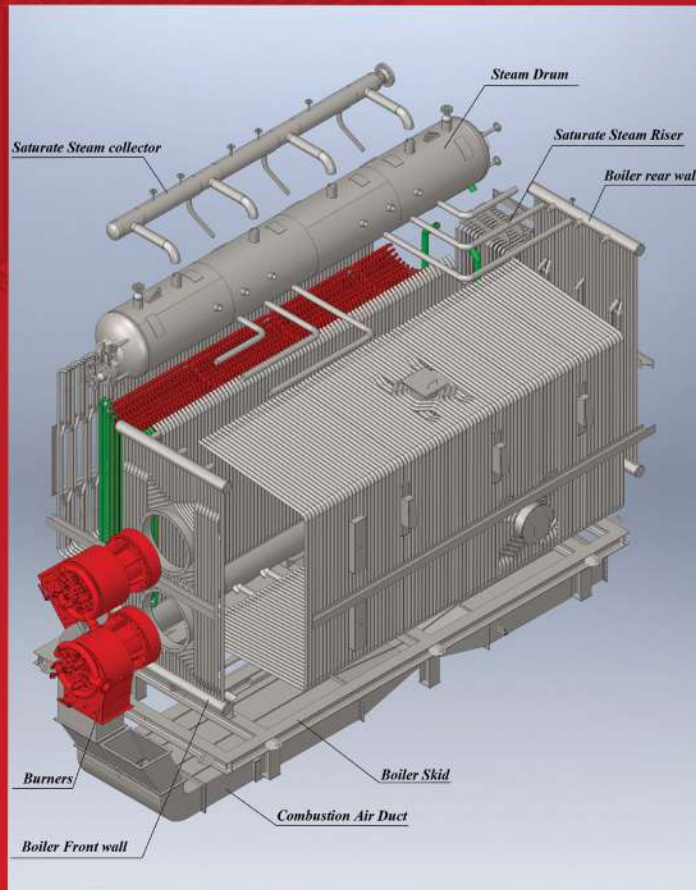
Water-Tube Package Boilers (General)

Technical Specification of D-Type Water Tube Packaged Boiler



Boiler Capacity Ton/hr	Design Pressure (barg)	Design Temperature (°C)	Superheater Temperature	Steam Drum (OD) (mm) (A)	Water Drum (OD) (mm) (B)	Furnace Volume (m³)	Boiler TL to TL (mm) (F)	Boiler Width (mm) (D)	Boiler Height (mm) (E)	Drums cl. to cl. (mm)	Plate Material	Tube Material	Insulation	Thermal Efficiency (%)	Minimum MCR (%)	Maximum MCR (%)	Kind of Fuel	Air Consumption (Nm³/hr)	Fuel Oil Consumption (Kg/hr)	Fuel gas Consumption (Nm³/hr)	Burner Capacity (MW)	Approximate Weight (Kg)	Furnace Pressure (mbar)
5	20	215		914.4	762	12.5	3000	1800	3000	2500	SA 516 Gr 70 / SA 302 Gr C	SA 210 A1 / SA 192	Rockwool by density 100 kg/m³	92	50	110	Natural Gas / Fuel Oil	4500	311	387	5	22000	30
10	20	215	265	914.4	762	18	3500	2200	3000	2750	SA 516 Gr 70 / SA 302 Gr C	SA 210 A1 / SA 192	Rockwool by density 100 kg/m³	92	50	110	Natural Gas / Fuel Oil	5100	673	838	10	28000	30
20	30	236	285	1066.8	812.8	36	5000	2200	4000	3500	SA 516 Gr 70 / SA 302 Gr C	SA 210 A1 / SA 192	Rockwool by density 100 kg/m³	92	50	110	Natural Gas / Fuel Oil	17500	1421	1768	19	40000	30
30	30	236	300	1066.8	812.8	47	6500	2500	4000	3500	SA 516 Gr 70 / SA 302 Gr C	SA 210 A1 / SA 192	Rockwool by density 100 kg/m³	92	50	110	Natural Gas / Fuel Oil	26000	1881	2340	25	56000	30
40	40	252	350	1117.6	863.6	63	7500	2500	4500	4000	SA 516 Gr 70 / SA 302 Gr C	SA 210 A1 / SA 192	Rockwool by density 100 kg/m³	92	50	110	Natural Gas / Fuel Oil	35000	3063	3810	30	68000	30
50	40	252	350	1219.2	863.6	76	9000	3000	4500	4000	SA 516 Gr 70 / SA 302 Gr C	SA 210 A1 / SA 192	Rockwool by density 100 kg/m³	92	50	110	Natural Gas / Fuel Oil	44000	3792	4717	2x20	76000	30
65	40	252	350	1320.8	863.6	102	9000	3250	4500	4000	SA 516 Gr 70 / SA 302 Gr C	SA 210 A1 / SA 192	Rockwool by density 100 kg/m³	92	50	110	Natural Gas / Fuel Oil	57000	4344	5404	2x27	85000	30
75	50	265	400	1371.6	914.4	115	9000	3500	5500	4500	SA 516 Gr 70 / SA 302 Gr C	SA 210 A1 / SA 192	Rockwool by density 100 kg/m³	92	50	110	Natural Gas / Fuel Oil	63000	4235	5269	2x29	95000	30
90	50	265	400	1371.6	914.4	172	10000	4000	6000	4500	SA 516 Gr 70 / SA 302 Gr C	SA 210 A1 / SA 192	Rockwool by density 100 kg/m³	92	50	110	Natural Gas / Fuel Oil	78000	5316	6613	3x24	115000	30
110	50	265	450	1371.6	914.4	189	11000	4500	6000	4500	SA 516 Gr 70 / SA 302 Gr C	SA 210 A1 / SA 192	Rockwool by density 100 kg/m³	92	50	110	Natural Gas / Fuel Oil	96000	8591	10686	3x30	145000	30
120	60	276.5	450	1371.6	914.4	195	12000	4500	6500	4500	SA 516 Gr 70 / SA 302 Gr C	SA 210 A1 / SA 192	Rockwool by density 100 kg/m³	92	50	110	Natural Gas / Fuel Oil	105000	9338	11616	3x35	167000	30
130	60	276.5	450	1371.6	914.4	206	12000	5000	6500	5500	SA 516 Gr 70 / SA 302 Gr C	SA 210 A1 / SA 192	Rockwool by density 100 kg/m³	92	50	110	Natural Gas / Fuel Oil	114000	10085	12546	3x37	182000	30
150	60	276.5	450	1371.6	914.4	260	12000	5500	6500	5750	SA 516 Gr 70 / SA 302 Gr C	SA 210 A1 / SA 192	Rockwool by density 100 kg/m³	92	50	110	Natural Gas / Fuel Oil	130000	11500	14000	3x40	196000	30

Water-Tube Package Boilers (Exploded)



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