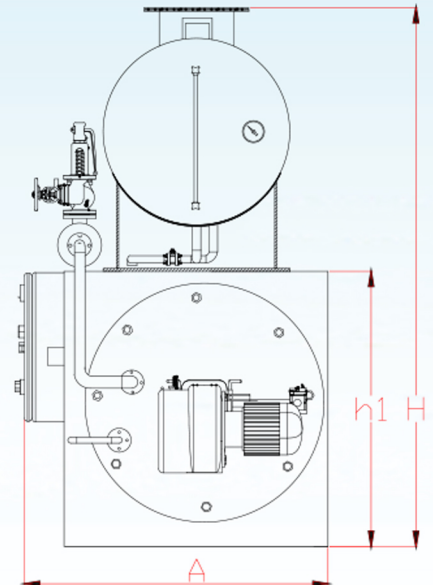
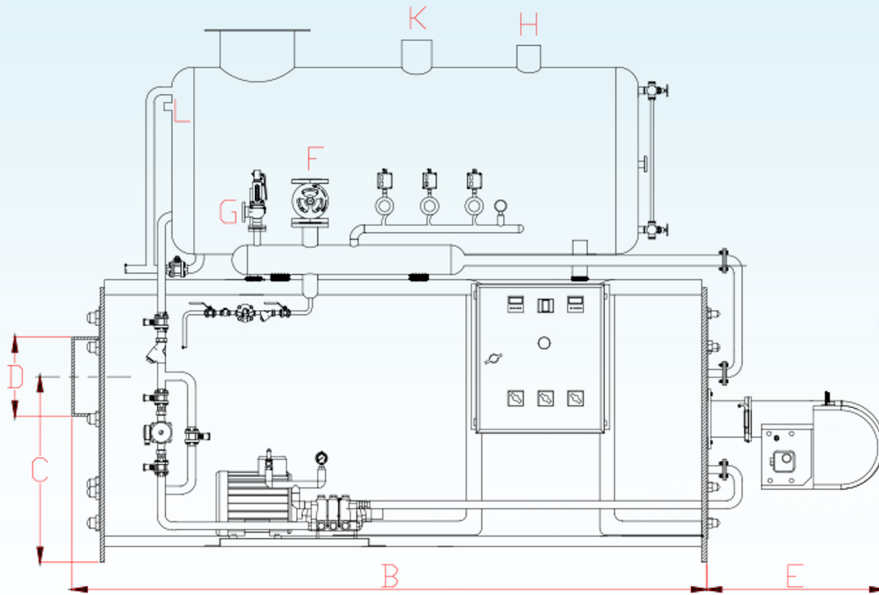


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TECHNICAL DATA TABLE

Type		SHS 150	SHS 250	SHS 350	SHS 500	SHS 750	SHS 1000	SHS 1250	SHS 1500	SHS 1750	SHS 2000	SHS 2500	SHS 3000	SHS 3500	SHS 4000	SHS 5000	SHS 6000
Steam Capacity	kg/h	150	250	350	500	750	1000	1250	1500	1750	2000	2500	3000	3500	4000	5000	6000
Capacity	kcal/h	90.000	150.000	210.000	300.000	450.000	600.000	750.000	900.000	1.050.000	1.200.000	1.500.000	1.800.000	2.100.000	2.400.000	3.000.000	3.600.000
Capacity	kW	105	174	244	349	523	698	872	1.046	1.221	1.395	1.744	2.093	2.442	2.790	3.488	4.186
Heat Transfer Surface	m ²	7,5	10	13,5	17	24	29	35	42	45	52	66	78	92	104	130	157
Max. Working Pressure (*)	bar	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Electricity	V/Hz	380/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50	380/50
Electricity Power (2*)	kW	1,5	1,7	1,7	1,75	2,65	3,5	4,5	4,5	6	6	11	11	11	13	18	18
Electricity Cable (3*)	TTR	5*2,5	5*2,5	5*2,5	5*2,5	5*2,5	5*2,5	5*4	5*4	5*4	5*4	5*10	5*10	5*10	5*10	5*10	5*10
Smoke Pressure Drop	mbar	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3	3,3	3,6	4	4,5	4,9	5,4	6,7	7,8
Fuel Consumption (With Eco/Without Eco)		SHS 150	SHS 250	SHS 350	SHS 500	SHS 750	SHS 1000	SHS 1250	SHS 1500	SHS 1750	SHS 2000	SHS 2500	SHS 3000	SHS 3500	SHS 4000	SHS 5000	SHS 6000
Natural Gas	m ³ /h	11,3/12,1	18,9/20,2	26,5/28,3	37,9/40,4	56,8/60,6	75,8/80,8	94,7/101	113,6/121,2	128,6/137,2	151,5/161,6	189,4/202	227,3/242,4	265,2/282,8	303,3/323,2	378,8/404	454,6/484,8
LPG	kg/h	8,3/8,9	14/14,9	19,5/20,8	27,9/29,8	41,8/44,6	55,8/59,5	69,8/74,4	83,7/89,3	95/101,3	111,6/119	139,5/148,8	167,3/178,5	195,2/208,2	223,1/238	279/297,6	334,6/357
Diesel	kg/h	10,1/10,4	16,7/17,3	23,4/24,2	33,5/34,6	50,2/51,9	67/69,2	83,7/86,5	100,5/103,8	113,8/117,6	133,9/138,4	167,4/173	200,9/207,6	234,4/242,2	267,9/276,8	334,8/346	401,8/415,2
Fuel-Oil	kg/h	10,5/10,9	17,6/18,2	24,7/25,5	35,2/36,4	52,8/54,6	70,5/72,8	88,1/91	105,7/109,2	119,7/123,7	140,9/145,6	176,1/182	211,4/218,4	246,6/254,8	281,8/291,2	352,2/364	422,8/436,8
Dimensions		SHS 150	SHS 250	SHS 350	SHS 500	SHS 750	SHS 1000	SHS 1250	SHS 1500	SHS 1750	SHS 2000	SHS 2500	SHS 3000	SHS 3500	SHS 4000	SHS 5000	SHS 6000
Width (A) (4*)	mm	1152	1229	1325	1390	1502	1545	1560	1646	1716	1760	1941	1997	2185	2377	2558	2650
Length (B) (5*)	mm	1612	1754	1973	2100	2396	2609	3000	3169	3170	3297	3787	4146	4240	4723	5180	5830
Burner Length (E) (6*)	mm	250-350	250-350	250-350	500-800	500-800	800-1200	800-1200	800-1200	800-1200	800-1200	800-1200	800-1200	1100-1300	1100-1300	1100-1300	1100-1300
Total Height (H)	mm	1642	1849	2050	2120	2373	2525	2540	2696	2836	3081	3340	3547	3835	3977	4158	4170
Body Height (h1)	mm	1012	1089	1190	1260	1403	1445	1460	1586	1656	1801	1930	2017	2205	2347	2528	2590
Condensate Tank Height (h2)	mm	630	760	860	860	970	1080	1080	1110	1180	1280	1410	1530	1630	1630	1630	1580
Chimney Outlet Diameter (D)	mm	170	170	170	280	300	350	350	400	400	400	450	450	450	450	600	700
Height of Chimney Center (C)	mm	637	714	805	820	943	910	925	1016	1086	1231	1335	1422	1610	1752	1858	1870
Steam Outlet (F)	DN	25	32	40	50	65	65	65	80	80	100	100	125	125	125	150	150
Feed Water Inlet (L)	DN	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1 1/2"	1 1/2"
Safety Valve Outlet (G)	DN	32	32	32	32	32	32	32	40	40	40	50	50	50	65	65	65
Natural Gas Inlet (7*)	DN	3/4"	3/4"	3/4"	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2 1/2"
Condensate Return Inlet (H)	DN	1"	1 1/4"	1 1/2"	1 1/2"	2"	2"	2"	3"	4"	4"	5"	5"	6"	6"	8"	8"
Air Vent Outlet (K)	DN	1 1/4"	2"	2"	2"	2 1/2"	2 1/2"	2 1/2"	4"	5"	5"	6"	6"	8"	8"	10"	10"
Weight (8*)	kg	760	820	920	1240	1780	1880	2170	2830	3010	3320	4590	5800	6900	8400	10350	12500
Coil Water Volume	lt	41	56	102	127	183	220	293	350	370	415	750	803	965	1420	1770	2300

(1*) It can be manufactured to higher working pressures upon order.

(2*) It may vary depending on burner brand, model, fuel type and number of pumps. Fuel type is considered as Natural Gas.

(3*) It is stated that the cable will be pulled from a distance of no more than 30 meters. Cable should be checked for longer distances.

(Grounding specific resistance must be less than 1.5 Ohms or Voltage between neutral and ground terminals must not exceed 1.5 Volts.)

(4*) Included electric control panel and separator.

(5*) Excluding the burner length.

(6*) Burner length varies from brand to brand or principle of operation. Approximate dimensions are given.

(7*) Burner may vary according to the working pressure. Burner inlet gas pressure is considered as 300 mbar.

(8*) Complete empty weight, including condensate tank and all accessories.

Jenesisis reserves the right to change all data according to technological developments.