

# SP

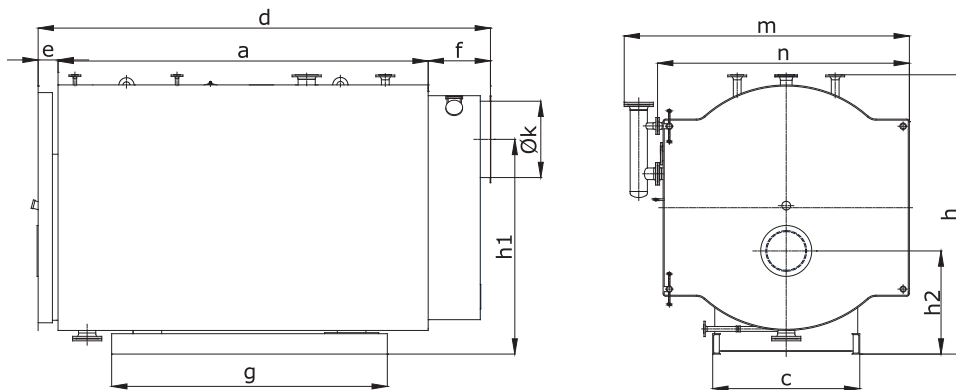
## Fluid and Gas Fueled, Two-Pass, High Pressure Steam Boiler



- \* 0,25-5,5 t/h steam generation capacity
- \* 6-16 bar operating pressure
- \* Liquid and gas fueled
- \* Can be used with pressure jet burner
- \* Up-to 91% boiler efficiency. Up-to 95.5% efficiency in economizer applications.
- \* Easy assembly and interference with platform on the boiler
- \* Standard equipment: Steam outlet, feed water intake, airvent, discharge, surface blow off valves and safety valves, feed water pump group, operation and safety accessories, electric control panel
- \* Optional water, air economizer use

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Technical Specifical	Unit	25	32	40	50	65	80	100	125	160	200	250	300	400	550
Capacity	kg/h	250	320	400	500	650	800	1000	1250	1600	2000	2500	3000	4000	5500
Capacity	kW	164	209	262	327	426	524	655	818	1047	1309	1637	1964	2619	3601
Fuel Amount (Natural Gas)	[Nm <sup>3</sup> /h]	19	24	30	38	49	61	76	95	121	152	190	227	303	417
Fuel Amount (Fuel-Oil)	kg/h	17	22	27	34	44	54	67	84	108	134	168	202	269	370
Water Volume	lt	510	510	750	750	930	930	1150	1530	1860	2170	3100	3460	4380	6490
Steam Volume	lt	175	175	220	220	249	249	286	329	383	604	1003	1388	1611	2521
a	mm	1.325	1.325	1.645	1.645	1.785	1.785	1.985	2.185	2.395	2.655	2.850	3.200	3.425	4.190
Øb	mm	1.192	1.192	1.262	1.262	1.342	1.342	1.422	1.500	1.572	1.672	1.944	2.022	2.132	2.434
c	mm	700	700	740	740	800	800	850	900	960	1.040	1.170	1.190	1.365	1.440
d	mm	1.863	1.863	2.183	2.183	2.388	2.388	2.573	2.788	2.983	3.350	3.490	3.840	4.115	4.980
e	mm	228	228	228	228	228	228	228	228	228	270	180	180	180	180
f	mm	310	310	310	310	360	360	360	360	360	410	460	460	510	610
g	mm	940	940	1.180	1.180	1.314	1.314	1.480	1.780	1.780	2.100	2.000	2.500	2.650	3.250
h	mm	1.556	1.556	1.643	1.643	1.744	1.744	1.786	1.882	1.952	2.072	2.340	2.406	2.540	2.800
h1	mm	1.115	1.115	1.182	1.182	1.282	1.282	1.312	1.370	1.415	1.531	1.776	1.794	1.898	2.109
h2	mm	655	655	697	697	743	743	750	771	796	841	948	949	992	1.013
Øk	mm	150	150	150	150	200	200	250	250	300	350	350	400	450	550
m	mm	1.537	1.537	1.580	1.580	1.682	1.682	1.762	1.847	1.922	2.012	2.298	2.377	2.492	2.793
n	mm	1.170	1.170	1.240	1.240	1.320	1.320	1.400	1.480	1.550	1.650	1.922	2.000	2.110	2.412
Counter-Pressure	mbar	0,8-1,2	1-1,5	2-2,5	2-2,5	2,5-3	3-3,5	4,5-5	5-5,5	5,5-6	5,5-6	6-6,5	6,5-7	7-7,5	7,5-8

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