

Type	0.5	1.0	1.25	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0	8.0	9.0	10.0	11.0	12.0
Nett. Capacity (MCal)	500	1000	1250	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	7000	8000	9000	10000	11000	12000
Brut. Capacity (MCal) Heating capacity	543	1087	1359	1630	2174	2717	3261	3804	4348	4891	5435	5978	6522	7609	8696	9783	10869	11956	13043
Nett. Capacity (MW)	0.58	1.16	1.45	1.74	2.33	2.91	3.49	4.07	4.65	5.23	5.81	6.40	6.98	8.14	9.30	10.47	11.63	12.79	13.95
Gas consumption (nm ³ /h) *	71.9	143.8	179.7	215.7	287.5	359.4	431.3	503.2	575.1	647.1	718.9	790.0	862.6	1006.4	1150.2	1294.0	1437.7	1581.5	1725.3
Oil Consumption (kg/h) **	53.3	106.6	133.2	159.8	213.1	266.4	319.7	373.0	426.3	480.0	532.8	586.0	639.4	746.0	852.5	959.1	1065.7	1172.2	1278.8
Watercontent (m ³)	2	3.0	3.5	4.5	6.6	7.8	9.6	10.0	11.3	12.6	13.9	15.7	17.2	19.0	20.2	21.1	25.1	28.0	32.7
Pressure loss of fluegas (mbar) app.	4.0-5.5	4.1-5.6	4.6-6.1	6.0-7.5	6.0-7.5	6.1-7.6	6.3-7.8	5.8-7.3	7.0-8.5	5.9-7.4	6.0-7.5	7.6-9.0	7.7-9.1	8.9-10.4	9.9-11.4	10.0-11.5	9.8-11.3	10.2-11.7	10.6-12.1

Length L (mm) excl. burner	2674	3674	3674	4274	4774	4874	5374	5474	5976	6074	6574	6574	6578	7280	7278	7278	7878	7978	8378
Total width B (mm) incl. switchbox	2050	2050	2200	2250	2450	2650	2750	2800	2850	3000	3050	3150	3250	3350	3400	3550	3650	3800	3900
Height H1 (mm) excl. Valves	2211	2211	2245	2302	2399	2701	2762	2778	2970	3045	3109	3120	3251	3256	3385	3460	3631	3690	3745
Boilerlength L1 (mm) incl. isolation	2224	3224	3224	3724	4224	4224	4724	4724	5226	5224	5724	5724	5728	6230	6228	6228	6728	6828	7228
Boilersupport B1 (mm)	1074	1074	1180	1215	1356	1498	1569	1612	1647	1753	1789	1879	1953	2024	2063	2169	2240	2346	2417
Distance between boiler chairs B2 (mm)	1200	1800	1800	2100	2400	2400	2700	2700	3000	3000	3300	3300	3300	3600	3600	3600	3900	3900	3900
Height burnerconnection A (mm)	1200	1200	1200	1200	1200	1400	1400	1400	1600	1600	1600	1600	1600	1600	1740	1740	1850	1850	1850
Diameter of boiler D (mm) incl. isolation	1650	1650	1800	1850	2050	2250	2350	2400	2450	2600	2650	2750	2850	2950	3000	3150	3250	3400	3500
Fluegas outlet diameter R (mm)	300	300	300	400	400	500	500	600	600	600	700	700	700	900	900	900	1000	1000	1100
Furnacediameter D1 (mm)	800	800	900	900	1000	1150	1200	1200	1250	1300	1400	1450	1500	1600	1600	1650	1700	1800	1800

Flow m ³ /h	25	50	62.5	75	100	125	150	175	200	225	250	275	300	350	400	450	500	550	600
Supply/return T=20°C (DN)	125	125	125	125	150	200	200	200	200	200	250	250	250	250	250	300	300	300	350
Drain (threaded)	1"	1"	1"	1"	1 ½"	1 ½"	1 ½"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"	2"
Shunt (DN)	65	65	65	65	80	80	80	100	100	100	100	100	100	100	125	125	125	150	150
Safety valves (threaded)	1 x 2"	1 x 2"	1 x 2"	1 x 2"	2 x 2"	2 x 2"	2 x 2"	3 x 2"	3 x 2"	3 x 2"	4 x 2"	4 x 2"	4 x 2"	5 x 2"	6 x 2"	6 x 2"	7 x 2"	8 x 2"	8 x 2"

Heated surface (m ²)	27	40	50	59	72	95	120	130	146	152	180	195	205	240	280	315	340	375	425
Fluegas content (m ³)	1.4	1.9	2.5	2.9	3.8	5.0	6.0	5.9	7.3	8.0	9.6	10.3	10.7	14.1	14.9	15.9	17.3	19.6	20.8
Transport mass (tons)	2.2	2.6	3.4	4.0	5.3	6.8	8.4	8.7	9.7	10.7	12.3	13.4	14.0	16.7	18.2	20.2	22.2	24.3	27.0

* Dutch gas Hi=31,669 MJ/m³

** Oil HBO I Hi=42,696 MJ/kg

In case of an order exact boiler weight and measurements will be given on request. Changes reserved

TK-Topboiler BV

Woudselaan 22, 2635 CH Den Hoorn, The Netherlands

Telephone: +31(0)15-2125547 Fax: +31(0)15-2840505 E-mail: info@tk-topboiler.nl