

OPAL PLUS

TECHNICAL INFORMATION

(For connection types, please refer to the last page)

MODEL CODE	Height x Width	Tube	Depth (D)	Pipe Centers (A)	Wall to Pipe Centers (L)	Depth From Wall (K)	Wall To Radiator Back (M)	Space Between Tubes (E)	Tube Width (F)	Water Volume	Fuel Type
	mm	pieces	mm	mm	mm	mm	mm	mm	mm	L	
5010104703000295	280 x 300	6	80	245	70	110	17	11	40	0.41	C
5010104703000346	280 x 350	7	80	245	70	110	17	11	40	0.48	C
5010104703000397	280 x 400	8	80	245	70	110	17	11	40	0.54	C
5010104703000448	280 x 450	9	80	245	70	110	17	11	40	0.61	C-E-D
5010104703000499	280 x 500	10	80	245	70	110	17	11	40	0.68	C-E-D
5010104703000550	280 x 550	11	80	245	70	110	17	11	40	0.75	C-E-D
5010104703000601	280 x 600	12	80	245	70	110	17	11	40	0.82	C-E-D
5010104703000652	280 x 650	13	80	245	70	110	17	11	40	0.89	C-E-D
5010104703000703	280 x 700	14	80	245	70	110	17	11	40	0.95	C-E-D
5010104703000754	280 x 750	15	80	245	70	110	17	11	40	1.02	C-E-D
5010104703000805	280 x 810	16	80	245	70	110	17	11	40	1.09	C-E-D
5010104703000856	280 x 860	17	80	245	70	110	17	11	40	1.16	C-E-D
5010104703000907	280 x 910	18	80	245	70	110	17	11	40	1.23	C-E-D
5010104703000958	280 x 960	19	80	245	70	110	17	11	40	1.29	C-E-D
5010104703001009	280 x 1010	20	80	245	70	110	17	11	40	1.36	C-E-D
5010104703001060	280 x 1060	21	80	245	70	110	17	11	40	1.43	C-E-D
5010104703001111	280 x 1110	22	80	245	70	110	17	11	40	1.50	C-E-D
5010104703001162	280 x 1160	23	80	245	70	110	17	11	40	1.57	C-E-D
5010104703001213	280 x 1210	24	80	245	70	110	17	11	40	1.64	C-E-D
5010104703001264	280 x 1260	25	80	245	70	110	17	11	40	1.70	C-E-D
5010104703001315	280 x 1320	26	80	245	70	110	17	11	40	1.77	C-E-D
5010104703001366	280 x 1370	27	80	245	70	110	17	11	40	1.84	C-E-D
5010104703001417	280 x 1420	28	80	245	70	110	17	11	40	1.91	C
5010104703001468	280 x 1470	29	80	245	70	110	17	11	40	1.98	C
5010104703001519	280 x 1520	30	80	245	70	110	17	11	40	2.04	C
5010104703001570	280 x 1570	31	80	245	70	110	17	11	40	2.11	C
5010104703001621	280 x 1620	32	80	245	70	110	17	11	40	2.18	C
5010104703001672	280 x 1670	33	80	245	70	110	17	11	40	2.25	C
5010104703001723	280 x 1720	34	80	245	70	110	17	11	40	2.32	C
5010104703001774	280 x 1770	35	80	245	70	110	17	11	40	2.39	C
5010104703001825	280 x 1830	36	80	245	70	110	17	11	40	2.45	C
5010104703001876	280 x 1880	37	80	245	70	110	17	11	40	2.52	C
5010104703001927	280 x 1930	38	80	245	70	110	17	11	40	2.59	C
5010104703001978	280 x 1980	39	80	245	70	110	17	11	40	2.66	C
5010104704000295	380 x 300	6	80	345	70	110	17	11	40	0.49	C
5010104704000346	380 x 350	7	80	345	70	110	17	11	40	0.58	C
5010104704000397	380 x 400	8	80	345	70	110	17	11	40	0.66	C
5010104704000448	380 x 450	9	80	345	70	110	17	11	40	0.74	C-E-D
5010104704000499	380 x 500	10	80	345	70	110	17	11	40	0.82	C-E-D
5010104704000550	380 x 550	11	80	345	70	110	17	11	40	0.91	C-E-D
5010104704000601	380 x 600	12	80	345	70	110	17	11	40	0.99	C-E-D
5010104704000652	380 x 650	13	80	345	70	110	17	11	40	1.07	C-E-D
5010104704000703	380 x 700	14	80	345	70	110	17	11	40	1.15	C-E-D
5010104704000754	380 x 750	15	80	345	70	110	17	11	40	1.24	C-E-D
5010104704000805	380 x 810	16	80	345	70	110	17	11	40	1.32	C-E-D
5010104704000856	380 x 860	17	80	345	70	110	17	11	40	1.40	C-E-D
5010104704000907	380 x 910	18	80	345	70	110	17	11	40	1.48	C-E-D
5010104704000958	380 x 960	19	80	345	70	110	17	11	40	1.57	C-E-D
5010104704001009	380 x 1010	20	80	345	70	110	17	11	40	1.65	C-E-D
5010104704001060	380 x 1060	21	80	345	70	110	17	11	40	1.73	C-E-D
5010104704001111	380 x 1110	22	80	345	70	110	17	11	40	1.81	C-E-D
5010104704001162	380 x 1160	23	80	345	70	110	17	11	40	1.90	C-E-D
5010104704001213	380 x 1210	24	80	345	70	110	17	11	40	1.98	C-E-D
5010104704001264	380 x 1260	25	80	345	70	110	17	11	40	2.06	C-E-D
5010104704001315	380 x 1320	26	80	345	70	110	17	11	40	2.14	C-E-D
5010104704001366	380 x 1370	27	80	345	70	110	17	11	40	2.23	C-E-D
5010104704001417	380 x 1420	28	80	345	70	110	17	11	40	2.31	C
5010104704001468	380 x 1470	29	80	345	70	110	17	11	40	2.39	C
5010104704001519	380 x 1520	30	80	345	70	110	17	11	40	2.47	C
5010104704001570	380 x 1570	31	80	345	70	110	17	11	40	2.56	C
5010104704001621	380 x 1620	32	80	345	70	110	17	11	40	2.64	C
5010104704001672	380 x 1670	33	80	345	70	110	17	11	40	2.72	C
5010104704001723	380 x 1720	34	80	345	70	110	17	11	40	2.80	C
5010104704001774	380 x 1770	35	80	345	70	110	17	11	40	2.89	C
5010104704001825	380 x 1830	36	80	345	70	110	17	11	40	2.97	C
5010104704001876	380 x 1880	37	80	345	70	110	17	11	40	3.05	C
5010104704001927	380 x 1930	38	80	345	70	110	17	11	40	3.13	C
5010104704001978	380 x 1980	39	80	345	70	110	17	11	40	3.22	C
5010104705000295	480 x 300	6	80	445	70	110	17	11	40	0.58	C
5010104705000346	480 x 350	7	80	445	70	110	17	11	40	0.68	C
5010104705000397	480 x 400	8	80	445	70	110	17	11	40	0.77	C
5010104705000448	480 x 450	9	80	445	70	110	17	11	40	0.87	C-E-D
5010104705000499	480 x 500	10	80	445	70	110	17	11	40	0.97	C-E-D
5010104705000550	480 x 550	11	80	445	70	110	17	11	40	1.06	C-E-D
5010104705000601	480 x 600	12	80	445	70	110	17	11	40	1.16	C-E-D
5010104705000652	480 x 650	13	80	445	70	110	17	11	40	1.26	C-E-D
5010104705000703	480 x 700	14	80	445	70	110	17	11	40	1.35	C-E-D
5010104705000754	480 x 750	15	80	445	70	110	17	11	40	1.45	C-E-D
5010104705000805	480 x 810	16	80	445	70	110	17	11	40	1.55	C-E-D
5010104705000856	480 x 860	17	80	445	70	110	17	11	40	1.64	C-E-D
5010104705000907	480 x 910	18	80	445	70	110	17	11	40	1.74	C-E-D

HEAT OUTPUTS INFORMATION

MODEL CODE	Heat Outputs ΔT 50 °C		Heat Outputs ΔT 60 °C	
	Watt	Btu	Watt	Btu
5010104703000295	167	570	217	741
5010104703000346	195	665	254	865
5010104703000397	223	760	290	988
5010104703000448	251	855	326	1112
5010104703000499	279	950	362	1235
5010104703000550	307	1045	398	1359
5010104703000601	334	1140	435	1482
5010104703000652	362	1235	471	1606
5010104703000703	390	1330	507	1729
5010104703000754	418	1425	543	1853
5010104703000805	446	1520	580	1976
5010104703000856	474	1615	616	2100
5010104703000907	502	1710	652	2223
5010104703000958	529	1805	688	2347
5010104703001009	557	1900	724	2470
5010104703001060	585	1995	761	2594
5010104703001111	613	2090	797	2717
5010104703001162	641	2185	833	2841
5010104703001213	669	2280	869	2965
5010104703001264	697	2375	906	3088
5010104703001315	724	2470	942	3212
5010104703001366	752	2565	978	3335
5010104703001417	780	2660	1014	3459
5010104703001468	808	2755	1050	3582
5010104703001519	836	2850	1087	3706
5010104703001570	864	2946	1123	3829
5010104703001621	892	3041	1159	3953
5010104703001672	920	3136	1195	4076
5010104703001723	947	3231	1232	4200
5010104703001774	975	3326	1268	4323
5010104703001825	1003	3421	1304	4447
5010104703001876	1031	3516	1340	4570
5010104703001927	1059	3611	1376	4694
5010104703001978	1087	3706	1413	4817
5010104704000295	228	777	296	1010
5010104704000346	266	906	346	1178
5010104704000397	304	1036	395	1347
5010104704000448	342	1165	444	1515
5010104704000499	380	1295	494	1683
5010104704000550	418	1424	543	1852
5010104704000601	456	1554	592	2020
5010104704000652	494	1683	642	2188
5010104704000703	532	1813	691	2357
5010104704000754	570	1942	740	2525
5010104704000805	608	2072	790	2693
5010104704000856	646	2201	839	2862
5010104704000907	684	2331	889	3030
5010104704000958	721	2460	938	3198
5010104704001009	759	2590	987	3367
5010104704001060	797	2719	1037	3535
5010104704001111	835	2849	1086	3703
5010104704001162	873	2978	1135	3872
5010104704001213	911	3108	1185	4040
5010104704001264	949	3237	1234	4208
5010104704001315	987	3367	1283	4377
5010104704001366	1025	3496	1333	4545
5010104704001417	1063	3626	1382	4713
5010104704001468	1101	3755	1432	4882
5010104704001519	1139	3885	1481	5050
5010104704001570	1177	4014	1530	5218
5010104704001621	1215	4144	1580	5387
5010104704001672	1253	4273	1629	5555
5010104704001723	1291	4402	1678	5723
5010104704001774	1329	4532	1728	5892
5010104704001825	1367	4661	1777	6060
5010104704001876	1405	4791	1826	6228
5010104704001927	1443	4920	1876	6397
5010104704001978	1481	5050	1925	6565
5010104705000295	291	993	378	1290
5010104705000346	340	1158	441	1505
5010104705000397	388	1323	505	1720
5010104705000448	437	1489	568	1936
5010104705000499	485	1654	631	2151
5010104705000550	534	1820	694	2366
5010104705000601	582	1985	757	2581
5010104705000652	631	2151	820	2796
5010104705000703	679	2316	883	3011
5010104705000754	728	2481	946	3226
5010104705000805	776	2647	1009	3441
5010104705000856	825	2812	1072	3656
5010104705000907	873	2978	1135	3871

OPAL PLUS

TECHNICAL INFORMATION

(For connection types, please refer to the last page)

MODEL CODE	Height x Width	Tube	Depth (D)	Pipe Centers (A)	Wall to Pipe Centers (L)	Depth From Wall (K)	Wall To Radiator Back (M)	Space Between Tubes (E)	Tube Width (F)	Water Volume	Fuel Type
	mm	pieces	mm	mm	mm	mm	mm	mm	mm	L	
5010104705000958	480 x 960	19	80	445	70	110	17	11	40	1,84	C-E-D
50101047050001009	480 x 1010	20	80	445	70	110	17	11	40	1,93	C-E-D
50101047050001060	480 x 1060	21	80	445	70	110	17	11	40	2,03	C-E-D
50101047050001111	480 x 1110	22	80	445	70	110	17	11	40	2,13	C-E-D
50101047050001162	480 x 1160	23	80	445	70	110	17	11	40	2,22	C-E-D
50101047050001213	480 x 1210	24	80	445	70	110	17	11	40	2,32	C-E-D
50101047050001264	480 x 1260	25	80	445	70	110	17	11	40	2,42	C-E-D
50101047050001315	480 x 1320	26	80	445	70	110	17	11	40	2,52	C-E-D
50101047050001366	480 x 1370	27	80	445	70	110	17	11	40	2,61	C-E-D
50101047050001417	480 x 1420	28	80	445	70	110	17	11	40	2,71	C
50101047050001468	480 x 1470	29	80	445	70	110	17	11	40	2,81	C
50101047050001519	480 x 1520	30	80	445	70	110	17	11	40	2,90	C
50101047050001570	480 x 1570	31	80	445	70	110	17	11	40	3,00	C
50101047050001621	480 x 1620	32	80	445	70	110	17	11	40	3,10	C
50101047050001672	480 x 1670	33	80	445	70	110	17	11	40	3,19	C
50101047050001723	480 x 1720	34	80	445	70	110	17	11	40	3,29	C
50101047050001774	480 x 1770	35	80	445	70	110	17	11	40	3,39	C
50101047050001825	480 x 1830	36	80	445	70	110	17	11	40	3,48	C
50101047050001876	480 x 1880	37	80	445	70	110	17	11	40	3,58	C
50101047050001927	480 x 1930	38	80	445	70	110	17	11	40	3,68	C
50101047050001978	480 x 1980	39	80	445	70	110	17	11	40	3,77	C
50101047060000295	580 x 300	6	80	545	70	110	17	11	40	0,67	C
50101047060000346	580 x 350	7	80	545	70	110	17	11	40	0,78	C
50101047060000397	580 x 400	8	80	545	70	110	17	11	40	0,89	C
50101047060000448	580 x 450	9	80	545	70	110	17	11	40	1,00	C-E-D
50101047060000499	580 x 500	10	80	545	70	110	17	11	40	1,11	C-E-D
50101047060000550	580 x 550	11	80	545	70	110	17	11	40	1,22	C-E-D
50101047060000601	580 x 600	12	80	545	70	110	17	11	40	1,33	C-E-D
50101047060000652	580 x 650	13	80	545	70	110	17	11	40	1,44	C-E-D
50101047060000703	580 x 700	14	80	545	70	110	17	11	40	1,55	C-E-D
50101047060000754	580 x 750	15	80	545	70	110	17	11	40	1,67	C-E-D
50101047060000805	580 x 810	16	80	545	70	110	17	11	40	1,78	C-E-D
50101047060000856	580 x 860	17	80	545	70	110	17	11	40	1,89	C-E-D
50101047060000907	580 x 910	18	80	545	70	110	17	11	40	2,00	C-E-D
50101047060000958	580 x 960	19	80	545	70	110	17	11	40	2,11	C-E-D
50101047060001009	580 x 1010	20	80	545	70	110	17	11	40	2,22	C-E-D
50101047060001060	580 x 1060	21	80	545	70	110	17	11	40	2,33	C-E-D
50101047060001111	580 x 1110	22	80	545	70	110	17	11	40	2,44	C-E-D
50101047060001162	580 x 1160	23	80	545	70	110	17	11	40	2,55	C-E-D
50101047060001213	580 x 1210	24	80	545	70	110	17	11	40	2,66	C-E-D
50101047060001264	580 x 1260	25	80	545	70	110	17	11	40	2,78	C-E-D
50101047060001315	580 x 1320	26	80	545	70	110	17	11	40	2,89	C-E-D
50101047060001366	580 x 1370	27	80	545	70	110	17	11	40	3,00	C-E-D
50101047060001417	580 x 1420	28	80	545	70	110	17	11	40	3,11	C
50101047060001468	580 x 1470	29	80	545	70	110	17	11	40	3,22	C
50101047060001519	580 x 1520	30	80	545	70	110	17	11	40	3,33	C
50101047060001570	580 x 1570	31	80	545	70	110	17	11	40	3,44	C
50101047060001621	580 x 1620	32	80	545	70	110	17	11	40	3,55	C
50101047060001672	580 x 1670	33	80	545	70	110	17	11	40	3,66	C
50101047060001723	580 x 1720	34	80	545	70	110	17	11	40	3,78	C
50101047060001774	580 x 1770	35	80	545	70	110	17	11	40	3,89	C
50101047060001825	580 x 1830	36	80	545	70	110	17	11	40	4,00	C
50101047060001876	580 x 1880	37	80	545	70	110	17	11	40	4,11	C
50101047060001927	580 x 1930	38	80	545	70	110	17	11	40	4,22	C
50101047060001978	580 x 1980	39	80	545	70	110	17	11	40	4,33	C
50101047070000295	680 x 300	6	80	645	70	110	17	11	40	0,75	C
50101047070000346	680 x 350	7	80	645	70	110	17	11	40	0,88	C
50101047070000397	680 x 400	8	80	645	70	110	17	11	40	1,00	C
50101047070000448	680 x 450	9	80	645	70	110	17	11	40	1,13	C-E-D
50101047070000499	680 x 500	10	80	645	70	110	17	11	40	1,25	C-E-D
50101047070000550	680 x 550	11	80	645	70	110	17	11	40	1,38	C-E-D
50101047070000601	680 x 600	12	80	645	70	110	17	11	40	1,50	C-E-D
50101047070000652	680 x 650	13	80	645	70	110	17	11	40	1,63	C-E-D
50101047070000703	680 x 700	14	80	645	70	110	17	11	40	1,75	C-E-D
50101047070000754	680 x 750	15	80	645	70	110	17	11	40	1,88	C-E-D
50101047070000805	680 x 810	16	80	645	70	110	17	11	40	2,01	C-E-D
50101047070000856	680 x 860	17	80	645	70	110	17	11	40	2,13	C-E-D
50101047070000907	680 x 910	18	80	645	70	110	17	11	40	2,26	C-E-D
50101047070000958	680 x 960	19	80	645	70	110	17	11	40	2,38	C-E-D
50101047070001009	680 x 1010	20	80	645	70	110	17	11	40	2,51	C-E-D
50101047070001060	680 x 1060	21	80	645	70	110	17	11	40	2,63	C-E-D
50101047070001111	680 x 1110	22	80	645	70	110	17	11	40	2,76	C-E-D
50101047070001162	680 x 1160	23	80	645	70	110	17	11	40	2,88	C-E-D
50101047070001213	680 x 1210	24	80	645	70	110	17	11	40	3,01	C-E-D
50101047070001264	680 x 1260	25	80	645	70	110	17	11	40	3,13	C-E-D
50101047070001315	680 x 1320	26	80	645	70	110	17	11	40	3,26	C-E-D
50101047070001366	680 x 1370	27	80	645	70	110	17	11	40	3,38	C-E-D
50101047070001417	680 x 1420	28	80	645	70	110	17	11	40	3,51	C
50101047070001468	680 x 1470	29	80	645	70	110	17	11	40	3,64	C
50101047070001519	680 x 1520	30	80	645	70	110	17	11	40	3,76	C
50101047070001570	680 x 1570	31	80	645	70	110	17	11	40	3,89	C

HEAT OUTPUTS INFORMATION

MODEL CODE	Heat Outputs ΔT 50 °C		Heat Outputs ΔT 60 °C	
	Watt	Btu	Watt	Btu
5010104705000958	922	3143	1198	4086
5010104705001009	970	3309	1261	4301
5010104705001060	1019	3474	1324	4516
5010104705001111	1067	3639	1387	4731
5010104705001162	1116	3805	1451	4946
5010104705001213	1164	3970	1514	5161
5010104705001264	1213	4136	1577	5376
5010104705001315	1261	4301	1640	5592
5010104705001366	1310	4467	1703	5807
5010104705001417	1358	4632	1766	6022
5010104705001468	1407	4797	1829	6237
5010104705001519	1455	4963	1892	6452
5010104705001570	1504	5128	1955	6667
5010104705001621	1552	5294	2018	6882
5010104705001672	1601	5459	2081	7097
5010104705001723	1649	5625	2144	7312
5010104705001774	1698	5790	2207	7527
5010104705001825	1746	5955	2270	7742
5010104705001876	1795	6121	2333	7957
5010104705001927	1844	6286	2397	8172
5010104705001978	1892	6452	2460	8387
5010104706000295	357	1217	464	1583
5010104706000346	417	1420	541	1846
5010104706000397	476	1623	619	2110
5010104706000448	536	1826	696	2374
5010104706000499	595	2029	774	2638
5010104706000550	655	2232	851	2901
5010104706000601	714	2435	928	3165
5010104706000652	774	2638	1006	3429
5010104706000703	833	2841	1083	3693
5010104706000754	893	3044	1160	3957
5010104706000805	952	3246	1238	4220
5010104706000856	1012	3449	1315	4484
5010104706000907	1071	3652	1392	4748
5010104706000958	1131	3855	1470	5012
5010104706001009	1190	4058	1547	5275
5010104706001060	1250	4261	1624	5539
5010104706001111	1309	4464	1702	5803
5010104706001162	1369	4667	1779	6067
5010104706001213	1428	4870	1856	6330
5010104706001264	1488	5072	1934	6594
5010104706001315	1547	5275	2011	6858
5010104706001366	1607	5478	2088	7122
5010104706001417	1666	5681	2166	7385
5010104706001468	1726	5884	2243	7649
5010104706001519	1785	6087	2321	7913
5010104706001570	1845	6290	2398	8177
5010104706001621	1904	6493	2475	8441
5010104706001672	1964	6696	2553	8704
5010104706001723	2023	6899	2630	8968
5010104706001774	2083	7101	2707	9232
5010104706001825	2142	7304	2785	9496
5010104706001876	2202	7507	2862	9759
5010104706001927	2261	7710	2939	10023
5010104706001978	2321	7913	3017	10287
5010104707000295	408	1390	530	1807
5010104707000346	475	1621	618	2108
5010104707000397	543	1853	706	2409
5010104707000448	611	2084	795	2710
5010104707000499	679	2316	883	3011
5010104707000550	747	2548	971	3312
5010104707000601	815	2779	1060	3613
5010104707000652	883	3011	1148	3914
5010104707000703	951	3242	1236	4215
5010104707000754	1019	3474	1324	4516
5010104707000805	1087	3706	1413	4817
5010104707000856	1155	3937	1501	5118
5010104707000907	1223	4169	1589	5419
5010104707000958	1290	4400	1678	5721
5010104707001009	1358	4632	1766	6022
5010104707001060	1426	4864	1854	6323
5010104707001111	1494	5095	1942	6624
5010104707001162	1562	5327	2031	6925
5010104707001213	1630	5558	2119	7226
5010104707001264	1698	5790	2207	7527
5010104707001315	1766	6022	2296	7828
5010104707001366	1834	6253	2384	8129
5010104707001417	1902	6485	2472	8430
5010104707001468	1970	6716	2561	8731
5010104707001519	2038	6948	2649	9032
5010104707001570	2105	7180	2737	9334

OPAL PLUS

TECHNICAL INFORMATION

(For connection types, please refer to the last page)

MODEL CODE	Height x Width	Tube	Depth (D)	Pipe Centers (A)	Wall to Pipe Centers (L)	Depth From Wall (K)	Wall To Radiator Back (M)	Space Between Tubes (E)	Tube Width (F)	Water Volume	Fuel Type
	mm	pieces	mm	mm	mm	mm	mm	mm	mm	L	
5010104707001621	680 x 1620	32	80	645	70	110	17	11	40	4.01	C
5010104707001672	680 x 1670	33	80	645	70	110	17	11	40	4.14	C
5010104707001723	680 x 1720	34	80	645	70	110	17	11	40	4.26	C
5010104707001774	680 x 1770	35	80	645	70	110	17	11	40	4.39	C
5010104707001825	680 x 1830	36	80	645	70	110	17	11	40	4.51	C
5010104707001876	680 x 1880	37	80	645	70	110	17	11	40	4.64	C
5010104707001927	680 x 1930	38	80	645	70	110	17	11	40	4.76	C
5010104707001978	680 x 1980	39	80	645	70	110	17	11	40	4.89	C
5010104708000295	780 x 300	6	80	745	70	110	17	11	40	0.84	C
5010104708000346	780 x 350	7	80	745	70	110	17	11	40	0.98	C
5010104708000397	780 x 400	8	80	745	70	110	17	11	40	1.12	C
5010104708000448	780 x 450	9	80	745	70	110	17	11	40	1.26	C-E-D
5010104708000499	780 x 500	10	80	745	70	110	17	11	40	1.40	C-E-D
5010104708000550	780 x 550	11	80	745	70	110	17	11	40	1.54	C-E-D
5010104708000601	780 x 600	12	80	745	70	110	17	11	40	1.68	C-E-D
5010104708000652	780 x 650	13	80	745	70	110	17	11	40	1.81	C-E-D
5010104708000703	780 x 700	14	80	745	70	110	17	11	40	1.95	C-E-D
5010104708000754	780 x 750	15	80	745	70	110	17	11	40	2.09	C-E-D
5010104708000805	780 x 810	16	80	745	70	110	17	11	40	2.23	C-E-D
5010104708000856	780 x 860	17	80	745	70	110	17	11	40	2.37	C-E-D
5010104708000907	780 x 910	18	80	745	70	110	17	11	40	2.51	C-E-D
5010104708000958	780 x 960	19	80	745	70	110	17	11	40	2.65	C-E-D
5010104708001009	780 x 1010	20	80	745	70	110	17	11	40	2.79	C-E-D
5010104708001060	780 x 1060	21	80	745	70	110	17	11	40	2.93	C-E-D
5010104708001111	780 x 1110	22	80	745	70	110	17	11	40	3.07	C-E-D
5010104708001162	780 x 1160	23	80	745	70	110	17	11	40	3.21	C-E-D
5010104708001213	780 x 1210	24	80	745	70	110	17	11	40	3.35	C-E-D
5010104708001264	780 x 1260	25	80	745	70	110	17	11	40	3.49	C-E-D
5010104708001315	780 x 1320	26	80	745	70	110	17	11	40	3.63	C-E-D
5010104708001366	780 x 1370	27	80	745	70	110	17	11	40	3.77	C-E-D
5010104708001417	780 x 1420	28	80	745	70	110	17	11	40	3.91	C
5010104708001468	780 x 1470	29	80	745	70	110	17	11	40	4.05	C
5010104708001519	780 x 1520	30	80	745	70	110	17	11	40	4.19	C
5010104708001570	780 x 1570	31	80	745	70	110	17	11	40	4.33	C
5010104708001621	780 x 1620	32	80	745	70	110	17	11	40	4.47	C
5010104708001672	780 x 1670	33	80	745	70	110	17	11	40	4.61	C
5010104708001723	780 x 1720	34	80	745	70	110	17	11	40	4.75	C
5010104708001774	780 x 1770	35	80	745	70	110	17	11	40	4.89	C
5010104708001825	780 x 1830	36	80	745	70	110	17	11	40	5.03	C
5010104708001876	780 x 1880	37	80	745	70	110	17	11	40	5.17	C
5010104708001927	780 x 1930	38	80	745	70	110	17	11	40	5.31	C
5010104708001978	780 x 1980	39	80	745	70	110	17	11	40	5.45	C
5010104709000295	880 x 300	6	80	845	70	110	17	11	40	0.92	C
5010104709000346	880 x 350	7	80	845	70	110	17	11	40	1.08	C
5010104709000397	880 x 400	8	80	845	70	110	17	11	40	1.23	C
5010104709000448	880 x 450	9	80	845	70	110	17	11	40	1.38	C-E-D
5010104709000499	880 x 500	10	80	845	70	110	17	11	40	1.54	C-E-D
5010104709000550	880 x 550	11	80	845	70	110	17	11	40	1.69	C-E-D
5010104709000601	880 x 600	12	80	845	70	110	17	11	40	1.85	C-E-D
5010104709000652	880 x 650	13	80	845	70	110	17	11	40	2.00	C-E-D
5010104709000703	880 x 700	14	80	845	70	110	17	11	40	2.15	C-E-D
5010104709000754	880 x 750	15	80	845	70	110	17	11	40	2.31	C-E-D
5010104709000805	880 x 810	16	80	845	70	110	17	11	40	2.46	C-E-D
5010104709000856	880 x 860	17	80	845	70	110	17	11	40	2.62	C-E-D
5010104709000907	880 x 910	18	80	845	70	110	17	11	40	2.77	C-E-D
5010104709000958	880 x 960	19	80	845	70	110	17	11	40	2.92	C-E-D
5010104709001009	880 x 1010	20	80	845	70	110	17	11	40	3.08	C-E-D
5010104709001060	880 x 1060	21	80	845	70	110	17	11	40	3.23	C-E-D
5010104709001111	880 x 1110	22	80	845	70	110	17	11	40	3.39	C-E-D
5010104709001162	880 x 1160	23	80	845	70	110	17	11	40	3.54	C-E-D
5010104709001213	880 x 1210	24	80	845	70	110	17	11	40	3.69	C-E-D
5010104709001264	880 x 1260	25	80	845	70	110	17	11	40	3.85	C-E-D
5010104709001315	880 x 1320	26	80	845	70	110	17	11	40	4.00	C-E-D
5010104709001366	880 x 1370	27	80	845	70	110	17	11	40	4.16	C-E-D
5010104709001417	880 x 1420	28	80	845	70	110	17	11	40	4.31	C
5010104709001468	880 x 1470	29	80	845	70	110	17	11	40	4.46	C
5010104709001519	880 x 1520	30	80	845	70	110	17	11	40	4.62	C
5010104709001570	880 x 1570	31	80	845	70	110	17	11	40	4.77	C
5010104709001621	880 x 1620	32	80	845	70	110	17	11	40	4.93	C
5010104709001672	880 x 1670	33	80	845	70	110	17	11	40	5.08	C
5010104709001723	880 x 1720	34	80	845	70	110	17	11	40	5.23	C
5010104709001774	880 x 1770	35	80	845	70	110	17	11	40	5.39	C
5010104709001825	880 x 1830	36	80	845	70	110	17	11	40	5.54	C
5010104709001876	880 x 1880	37	80	845	70	110	17	11	40	5.70	C
5010104709001927	880 x 1930	38	80	845	70	110	17	11	40	5.85	C
5010104709001978	880 x 1980	39	80	845	70	110	17	11	40	6.00	C
5010104710000295	980 x 300	6	80	945	70	110	17	11	40	1.01	C
5010104710000346	980 x 350	7	80	945	70	110	17	11	40	1.18	C
5010104710000397	980 x 400	8	80	945	70	110	17	11	40	1.35	C
5010104710000448	980 x 450	9	80	945	70	110	17	11	40	1.51	C-E-D
5010104710000499	980 x 500	10	80	945	70	110	17	11	40	1.68	C-E-D

HEAT OUTPUTS INFORMATION

MODEL CODE	Heat Outputs ΔT 50 °C		Heat Outputs ΔT 60 °C	
	Watt	Btu	Watt	Btu
5010104707001621	2173	7411	2825	9635
5010104707001672	2241	7643	2914	9936
5010104707001723	2309	7874	3002	10237
5010104707001774	2377	8106	3090	10538
5010104707001825	2445	8338	3179	10839
5010104707001876	2513	8569	3267	11140
5010104707001927	2581	8801	3355	11441
5010104707001978	2649	9032	3443	11742
5010104708000295	456	1554	592	2020
5010104708000346	532	1813	691	2357
5010104708000397	608	2072	790	2693
5010104708000448	684	2331	889	3030
5010104708000499	759	2590	987	3367
5010104708000550	835	2849	1086	3703
5010104708000601	911	3108	1185	4040
5010104708000652	987	3367	1283	4377
5010104708000703	1063	3626	1382	4713
5010104708000754	1139	3885	1481	5050
5010104708000805	1215	4144	1580	5387
5010104708000856	1291	4402	1678	5723
5010104708000907	1367	4661	1777	6060
5010104708000958	1443	4920	1876	6397
5010104708001009	1519	5179	1975	6733
5010104708001060	1595	5438	2073	7070
5010104708001111	1671	5697	2172	7407
5010104708001162	1747	5956	2271	7743
5010104708001213	1823	6215	2369	8080
5010104708001264	1899	6474	2468	8417
5010104708001315	1975	6733	2567	8753
5010104708001366	2050	6992	2666	9090
5010104708001417	2126	7251	2764	9427
5010104708001468	2202	7510	2863	9763
5010104708001519	2278	7769	2962	10100
5010104708001570	2354	8028	3061	10436
5010104708001621	2430	8287	3159	10773
5010104708001672	2506	8546	3258	11110
5010104708001723	2582	8805	3357	11446
5010104708001774	2658	9064	3455	11783
5010104708001825	2734	9323	3554	12120
5010104708001876	2810	9582	3653	12456
5010104708001927	2886	9841	3752	12793
5010104708001978	2962	10100	3850	13130
5010104709000295	502	1710	652	2223
5010104709000346	585	1995	761	2594
5010104709000397	669	2280	869	2965
5010104709000448	752	2565	978	3335
5010104709000499	836	2850	1087	3706
5010104709000550	920	3136	1195	4076
5010104709000601	1003	3421	1304	4447
5010104709000652	1087	3706	1413	4817
5010104709000703	1170	3991	1521	5188
5010104709000754	1254	4276	1630	5558
5010104709000805	1337	4561	1739	5929
5010104709000856	1421	4846	1847	6300
5010104709000907	1505	5131	1956	6670
5010104709000958	1588	5416	2065	7041
5010104709001009	1672	5701	2173	7411
5010104709001060	1755	5986	2282	7782
5010104709001111	1839	6271	2391	8152
5010104709001162	1923	6556	2499	8523
5010104709001213	2006	6841	2608	8893
5010104709001264	2090	7126	2717	9264
5010104709001315	2173	7411	2825	9635
5010104709001366	2257	7696	2934	10005
5010104709001417	2341	7981	3043	10376
5010104709001468	2424	8266	3151	10746
5010104709001519	2508	8551	3260	11117
5010104709001570	2591	8837	3369	11487
5010104709001621	2675	9122	3477	11858
5010104709001672	2759	9407	3586	12229
5010104709001723	2842	9692	3695	12599
5010104709001774	2926	9977	3803	12970
5010104709001825	3009	10262	3912	13340
5010104709001876	3093	10547	4021	13711
5010104709001927	3176	10832	4129	14081
5010104709001978	3260	11117	4238	14452
5010104710000295	545	1859	709	2417
5010104710000346	636	2169	827	2820
5010104710000397	726	2479	945	3223
5010104710000448	818	2789	1063	3626
5010104710000499	909	3099	1181	4028

OPAL PLUS

TECHNICAL INFORMATION

(For connection types, please refer to the last page)

MODEL CODE	Height x Width	Tube	Depth (D)	Pipe Centers (A)	Wall to Pipe Centers (L)	Depth From Wall (K)	Wall To Radiator Back (M)	Space Between Tubes (E)	Tube Width (F)	Water Volume	Fuel Type
	mm	pieces	mm	mm	mm	mm	mm	mm	mm	L	
5010104710000550	980 x 550	11	80	945	70	110	17	11	40	1,85	C-E-D
5010104710000601	980 x 600	12	80	945	70	110	17	11	40	2,02	C-E-D
5010104710000652	980 x 650	13	80	945	70	110	17	11	40	2,19	C-E-D
5010104710000703	980 x 700	14	80	945	70	110	17	11	40	2,35	C-E-D
5010104710000754	980 x 750	15	80	945	70	110	17	11	40	2,52	C-E-D
5010104710000805	980 x 810	16	80	945	70	110	17	11	40	2,69	C-E-D
5010104710000856	980 x 860	17	80	945	70	110	17	11	40	2,86	C-E-D
5010104710000907	980 x 910	18	80	945	70	110	17	11	40	3,03	C-E-D
5010104710000958	980 x 960	19	80	945	70	110	17	11	40	3,20	C-E-D
5010104710001009	980 x 1010	20	80	945	70	110	17	11	40	3,36	C-E-D
5010104710001060	980 x 1060	21	80	945	70	110	17	11	40	3,53	C-E-D
5010104710001111	980 x 1110	22	80	945	70	110	17	11	40	3,70	C-E-D
5010104710001162	980 x 1160	23	80	945	70	110	17	11	40	3,87	C-E-D
5010104710001213	980 x 1210	24	80	945	70	110	17	11	40	4,04	C-E-D
5010104710001264	980 x 1260	25	80	945	70	110	17	11	40	4,21	C-E-D
5010104710001315	980 x 1320	26	80	945	70	110	17	11	40	4,37	C-E-D
5010104710001366	980 x 1370	27	80	945	70	110	17	11	40	4,54	C-E-D
5010104710001417	980 x 1420	28	80	945	70	110	17	11	40	4,71	C
5010104710001468	980 x 1470	29	80	945	70	110	17	11	40	4,88	C
5010104710001519	980 x 1520	30	80	945	70	110	17	11	40	5,05	C
5010104710001570	980 x 1570	31	80	945	70	110	17	11	40	5,22	C
5010104710001621	980 x 1620	32	80	945	70	110	17	11	40	5,38	C
5010104710001672	980 x 1670	33	80	945	70	110	17	11	40	5,55	C
5010104710001723	980 x 1720	34	80	945	70	110	17	11	40	5,72	C
5010104710001774	980 x 1770	35	80	945	70	110	17	11	40	5,89	C
5010104710001825	980 x 1830	36	80	945	70	110	17	11	40	6,06	C
5010104710001876	980 x 1880	37	80	945	70	110	17	11	40	6,23	C
5010104710001927	980 x 1930	38	80	945	70	110	17	11	40	6,39	C
5010104710001978	980 x 1980	39	80	945	70	110	17	11	40	6,56	C
5010104712000295	1180 x 300	6	80	1145	70	110	17	11	40	1,18	C
5010104712000346	1180 x 350	7	80	1145	70	110	17	11	40	1,38	C
5010104712000397	1180 x 400	8	80	1145	70	110	17	11	40	1,57	C
5010104712000448	1180 x 450	9	80	1145	70	110	17	11	40	1,77	C-E-D
5010104712000499	1180 x 500	10	80	1145	70	110	17	11	40	1,97	C-E-D
5010104712000550	1180 x 550	11	80	1145	70	110	17	11	40	2,16	C-E-D
5010104712000601	1180 x 600	12	80	1145	70	110	17	11	40	2,36	C-E-D
5010104712000652	1180 x 650	13	80	1145	70	110	17	11	40	2,56	C-E-D
5010104712000703	1180 x 700	14	80	1145	70	110	17	11	40	2,76	C-E-D
5010104712000754	1180 x 750	15	80	1145	70	110	17	11	40	2,95	C-E-D
5010104712000805	1180 x 810	16	80	1145	70	110	17	11	40	3,15	C-E-D
5010104712000856	1180 x 860	17	80	1145	70	110	17	11	40	3,35	C-E-D
5010104712000907	1180 x 910	18	80	1145	70	110	17	11	40	3,54	C-E-D
5010104712000958	1180 x 960	19	80	1145	70	110	17	11	40	3,74	C-E-D
5010104712001009	1180 x 1010	20	80	1145	70	110	17	11	40	3,94	C-E-D
5010104712001060	1180 x 1060	21	80	1145	70	110	17	11	40	4,13	C-E-D
5010104712001111	1180 x 1110	22	80	1145	70	110	17	11	40	4,33	C-E-D
5010104712001162	1180 x 1160	23	80	1145	70	110	17	11	40	4,53	C-E-D
5010104712001213	1180 x 1210	24	80	1145	70	110	17	11	40	4,72	C-E-D
5010104712001264	1180 x 1260	25	80	1145	70	110	17	11	40	4,92	C-E-D
5010104712001315	1180 x 1320	26	80	1145	70	110	17	11	40	5,12	C-E-D
5010104712001366	1180 x 1370	27	80	1145	70	110	17	11	40	5,31	C-E-D
5010104714000295	1380 x 300	6	80	1345	70	110	17	11	40	1,35	C
5010104714000346	1380 x 350	7	80	1345	70	110	17	11	40	1,58	C
5010104714000397	1380 x 400	8	80	1345	70	110	17	11	40	1,80	C
5010104714000448	1380 x 450	9	80	1345	70	110	17	11	40	2,03	C-E-D
5010104714000499	1380 x 500	10	80	1345	70	110	17	11	40	2,25	C-E-D
5010104714000550	1380 x 550	11	80	1345	70	110	17	11	40	2,48	C-E-D
5010104714000601	1380 x 600	12	80	1345	70	110	17	11	40	2,70	C-E-D
5010104714000652	1380 x 650	13	80	1345	70	110	17	11	40	2,93	C-E-D
5010104714000703	1380 x 700	14	80	1345	70	110	17	11	40	3,16	C-E-D
5010104714000754	1380 x 750	15	80	1345	70	110	17	11	40	3,38	C-E-D
5010104714000805	1380 x 810	16	80	1345	70	110	17	11	40	3,61	C-E-D
5010104714000856	1380 x 860	17	80	1345	70	110	17	11	40	3,83	C-E-D
5010104714000907	1380 x 910	18	80	1345	70	110	17	11	40	4,06	C-E-D
5010104714000958	1380 x 960	19	80	1345	70	110	17	11	40	4,28	C-E-D
5010104714001009	1380 x 1010	20	80	1345	70	110	17	11	40	4,51	C-E-D
5010104714001060	1380 x 1060	21	80	1345	70	110	17	11	40	4,73	C-E-D
5010104714001111	1380 x 1110	22	80	1345	70	110	17	11	40	4,96	C-E-D
5010104714001162	1380 x 1160	23	80	1345	70	110	17	11	40	5,19	C-E-D
5010104714001213	1380 x 1210	24	80	1345	70	110	17	11	40	5,41	C-E-D
5010104714001264	1380 x 1260	25	80	1345	70	110	17	11	40	5,64	C-E-D
5010104714001315	1380 x 1320	26	80	1345	70	110	17	11	40	5,86	C-E-D
5010104714001366	1380 x 1370	27	80	1345	70	110	17	11	40	6,09	C-E-D
5010104716000295	1580 x 300	6	80	1545	70	110	17	11	40	1,52	C
5010104716000346	1580 x 350	7	80	1545	70	110	17	11	40	1,78	C
5010104716000397	1580 x 400	8	80	1545	70	110	17	11	40	2,03	C
5010104716000448	1580 x 450	9	80	1545	70	110	17	11	40	2,29	C-E-D
5010104716000499	1580 x 500	10	80	1545	70	110	17	11	40	2,54	C-E-D
5010104716000550	1580 x 550	11	80	1545	70	110	17	11	40	2,79	C-E-D
5010104716000601	1580 x 600	12	80	1545	70	110	17	11	40	3,05	C-E-D
5010104716000652	1580 x 650	13	80	1545	70	110	17	11	40	3,30	C-E-D

HEAT OUTPUTS INFORMATION

MODEL CODE	Heat Outputs ΔT 50 °C		Heat Outputs ΔT 60 °C		
	mm	Watt	Btu	Watt	Btu
5010104710000550	1000	3409	1299	4431	
5010104710000601	1090	3719	1418	4834	
5010104710000652	1181	4028	1536	5237	
5010104710000703	1272	4338	1654	5640	
5010104710000754	1363	4648	1772	6043	
5010104710000805	1454	4958	1890	6445	
5010104710000856	1545	5268	2008	6848	
5010104710000907	1636	5578	2126	7251	
5010104710000958	1727	5888	2245	7654	
5010104710001009	1817	6198	2363	8057	
5010104710001060	1908	6507	2481	8460	
5010104710001111	1999	6817	2599	8863	
5010104710001162	2090	7127	2717	9265	
5010104710001213	2181	7437	2835	9668	
5010104710001264	2272	7747	2953	10071	
5010104710001315	2363	8057	3072	10474	
5010104710001366	2454	8367	3190	10877	
5010104710001417	2544	8677	3308	11280	
5010104710001468	2635	8986	3426	11682	
5010104710001519	2726	9296	3544	12085	
5010104710001570	2817	9606	3662	12488	
5010104710001621	2908	9916	3780	12891	
5010104710001672	2999	10226	3898	13294	
5010104710001723	3090	10536	4017	13697	
5010104710001774	3181	10846	4135	14099	
5010104710001825	3271	11156	4253	14502	
5010104710001876	3362	11466	4371	14905	
5010104710001927	3453	11775	4489	15308	
5010104710001978	3544	12085	4607	15711	
5010104712000295	626	2135	814	2775	
5010104712000346	730	2491	949	3238	
5010104712000397	835	2846	1085	3700	
5010104712000448	939	3202	1221	4163	
5010104712000499	1043	3558	1356	4625	
5010104712000550	1148	3914	1492	5088	
5010104712000601	1252	4270	1628	5550	
5010104712000652	1356	4625	1763	6013	
5010104712000703	1461	4981	1899	6475	
5010104712000754	1565	5337	2035	6938	
5010104712000805	1669	5693	2170	7400	
5010104712000856	1774	6048	2306	7863	
5010104712000907	1878	6404	2442	8326	
5010104712000958	1982	6760	2577	8788	
5010104712001009	2087	7116	2713	9251	
5010104712001060	2191	7472	2848	9713	
5010104712001111	2295	7827	2984	10176	
5010104712001162	2400	8183	3120	10638	
5010104712001213	2504	8539	3255	11101	
5010104712001264	2608	8895	3391	11563	
5010104712001315	2713	9251	3527	12026	
5010104712001366	2817	9606	3662	12488	
5010104714000295	719	2451	934	3186	
5010104714000346	839	2860	1090	3717	
5010104714000397	958	3268	1246	4248	
5010104714000448	1078	3677	1402	4780	
5010104714000499	1198	4085	1557	5311	
5010104714000550	1318	4494	1713	5842	
5010104714000601	1438	4902	1869	6373	
5010104714000652	1557	5311	2025	6904	
5010104714000703	1677	5719	2180	7435	
5010104714000754	1797	6128	2336	7966	
5010104714000805	1917	6536	2492	8497	
5010104714000856	2037	6945	2647	9028	
5010104714000907	2156	7353	2803	9559	
5010104714000958	2276	7762	2959	10090	
5010104714001009	2396	8170	3115	10621	
5010104714001060	2516	8579	3270	11152	
5010104714001111	2636	8987	3426	11683	
5010104714001162	2755	9396	3582	12214	
5010104714001213	2875	9804	3738	12745	
5010104714001264	2995	10213	3893	13276	
5010104714001315	3115	10621	4049	13807	
5010104714001366	3234	11030	4205	14339	
5010104714000295	825	2814	1073	3658	
5010104714000346	963	3283	1252	4268	
5010104714000397	1100	3752	1430	4878	
5010104714000448	1238	4221	1609	5488	
5010104714000499	1375	4690	1788	6097	
5010104714000550	1513	5159	1967	6707	
5010104714000601	1651	5628	2146	7317	
5010104714000652	1788	6097	2325	7927	

OPAL PLUS

TECHNICAL INFORMATION (For connection types, please refer to the last page)

MODEL CODE	Height x Width	Tube	Depth (D)	Pipe Centers (A)	Wall to Pipe Centers (L)	Depth From Wall (K)	Wall To Radiator Back (M)	Space Between Tubes (E)	Tube Width (F)	Water Volume	Fuel Type
	mm	pieces	mm	mm	mm	mm	mm	mm	mm	L	
5010104716000703	1580 x 700	14	80	1545	70	110	17	11	40	3.56	C-E-D
5010104716000754	1580 x 750	15	80	1545	70	110	17	11	40	3.81	C-E-D
5010104716000805	1580 x 810	16	80	1545	70	110	17	11	40	4.06	C-E-D
5010104716000856	1580 x 860	17	80	1545	70	110	17	11	40	4.32	C-E-D
5010104716000907	1580 x 910	18	80	1545	70	110	17	11	40	4.57	C-E-D
5010104716000958	1580 x 960	19	80	1545	70	110	17	11	40	4.83	C-E-D
5010104716001009	1580 x 1010	20	80	1545	70	110	17	11	40	5.08	C-E-D
5010104718000295	1780 x 300	6	80	1745	70	110	17	11	40	1.69	C
5010104718000346	1780 x 350	7	80	1745	70	110	17	11	40	1.98	C
5010104718000397	1780 x 400	8	80	1745	70	110	17	11	40	2.26	C
5010104718000448	1780 x 450	9	80	1745	70	110	17	11	40	2.54	C-E-D
5010104718000499	1780 x 500	10	80	1745	70	110	17	11	40	2.83	C-E-D
5010104718000550	1780 x 550	11	80	1745	70	110	17	11	40	3.11	C-E-D
5010104718000601	1780 x 600	12	80	1745	70	110	17	11	40	3.39	C-E-D
5010104718000652	1780 x 650	13	80	1745	70	110	17	11	40	3.67	C-E-D
5010104718000703	1780 x 700	14	80	1745	70	110	17	11	40	3.96	C-E-D
5010104718000754	1780 x 750	15	80	1745	70	110	17	11	40	4.24	C-E-D
5010104718000805	1780 x 810	16	80	1745	70	110	17	11	40	4.52	C-E-D
5010104718000856	1780 x 860	17	80	1745	70	110	17	11	40	4.80	C-E-D
5010104718000907	1780 x 910	18	80	1745	70	110	17	11	40	5.09	C-E-D
5010104718000958	1780 x 960	19	80	1745	70	110	17	11	40	5.37	C-E-D
5010104718001009	1780 x 1010	20	80	1745	70	110	17	11	40	5.65	C-E-D
5010104720000295	1980 x 300	6	80	1945	70	110	17	11	40	1.87	C
5010104720000346	1980 x 350	7	80	1945	70	110	17	11	40	2.18	C
5010104720000397	1980 x 400	8	80	1945	70	110	17	11	40	2.49	C
5010104720000448	1980 x 450	9	80	1945	70	110	17	11	40	2.80	C-E-D
5010104720000499	1980 x 500	10	80	1945	70	110	17	11	40	3.11	C-E-D
5010104720000550	1980 x 550	11	80	1945	70	110	17	11	40	3.42	C-E-D
5010104720000601	1980 x 600	12	80	1945	70	110	17	11	40	3.73	C-E-D
5010104720000652	1980 x 650	13	80	1945	70	110	17	11	40	4.05	C-E-D
5010104720000703	1980 x 700	14	80	1945	70	110	17	11	40	4.36	C-E-D
5010104720000754	1980 x 750	15	80	1945	70	110	17	11	40	4.67	C-E-D
5010104720000805	1980 x 810	16	80	1945	70	110	17	11	40	4.98	C-E-D
5010104720000856	1980 x 860	17	80	1945	70	110	17	11	40	5.29	C-E-D
5010104720000907	1980 x 910	18	80	1945	70	110	17	11	40	5.60	C-E-D
5010104720000958	1980 x 960	19	80	1945	70	110	17	11	40	5.91	C-E-D
5010104720001009	1980 x 1010	20	80	1945	70	110	17	11	40	6.22	C-E-D

HEAT OUTPUTS INFORMATION

MODEL CODE	Heat Outputs ΔT 50 °C		Heat Outputs ΔT 60 °C	
	Watt	Btu	Watt	Btu
5010104716000703	1926	6566	2503	8536
5010104716000754	2063	7035	2682	9146
5010104716000805	2201	7504	2861	9756
5010104716000856	2338	7974	3040	10366
5010104716000907	2476	8443	3219	10975
5010104716000958	2613	8912	3397	11585
5010104716001009	2751	9381	3576	12195
5010104718000295	948	3231	1232	4200
5010104718000346	1105	3770	1437	4901
5010104718000397	1263	4308	1642	5601
5010104718000448	1421	4847	1848	6301
5010104718000499	1579	5385	2053	7001
5010104718000550	1737	5924	2258	7701
5010104718000601	1895	6462	2464	8401
5010104718000652	2053	7001	2669	9101
5010104718000703	2211	7539	2874	9801
5010104718000754	2369	8078	3080	10501
5010104718000805	2527	8616	3285	11201
5010104718000856	2685	9155	3490	11901
5010104718000907	2843	9693	3695	12601
5010104718000958	3001	10232	3901	13301
5010104718001009	3158	10770	4106	14002
5010104720000295	1088	3710	1414	4823
5010104720000346	1269	4328	1650	5627
5010104720000397	1451	4946	1886	6430
5010104720000448	1632	5565	2121	7234
5010104720000499	1813	6183	2357	8038
5010104720000550	1995	6801	2593	8842
5010104720000601	2176	7420	2829	9646
5010104720000652	2357	8038	3064	10449
5010104720000703	2539	8656	3300	11253
5010104720000754	2720	9275	3536	12057
5010104720000805	2901	9893	3771	12861
5010104720000856	3082	10511	4007	13665
5010104720000907	3264	11130	4243	14468
5010104720000958	3445	11748	4479	15272
5010104720001009	3626	12366	4714	16076

LOGISTICS INFORMATION

Net Weight	Gross Weight	Package Volume	Package Dimensions (H x W x D)
kg	kg	m³	mm
34.14	38.09	0.16	1710X750X122
36.58	40.69	0.17	1710X801X122
39.01	43.29	0.18	1710X852X122
41.46	45.92	0.19	1710X903X122
43.90	48.54	0.20	1710X954X122
46.34	51.14	0.21	1710X1005X122
48.78	53.77	0.23	1710X1056X122
16.35	19.01	0.08	1910X342X122
19.07	21.91	0.10	1910X393X122
21.80	24.83	0.11	1910X444X122
24.53	27.75	0.12	1910X495X122
27.25	30.66	0.13	1910X546X122
29.99	33.60	0.14	1910X597X122
32.71	36.51	0.16	1910X648X122
35.44	39.43	0.17	1910X699X122
38.16	42.35	0.18	1910X750X122
40.89	45.28	0.19	1910X801X122
43.62	48.19	0.20	1910X852X122
46.35	51.11	0.22	1910X903X122
49.08	54.04	0.23	1910X954X122
51.80	56.96	0.24	1910X1005X122
54.53	59.87	0.25	1910X1056X122
18.07	21.08	0.09	2110X342X122
21.09	24.31	0.11	2110X393X122
24.10	27.53	0.12	2110X444X122
27.11	30.75	0.13	2110X495X122
30.13	33.98	0.15	2110X546X122
33.15	37.21	0.16	2110X597X122
36.16	40.44	0.17	2110X648X122
39.18	43.67	0.18	2110X699X122
42.19	46.90	0.20	2110X750X122
45.20	50.12	0.21	2110X801X122
48.22	53.35	0.22	2110X852X122
51.24	56.59	0.24	2110X903X122
54.25	59.80	0.25	2110X954X122
57.27	63.03	0.26	2110X1005X122
60.28	66.25	0.28	2110X1056X122

CONNECTIONS TYPE

SX	ZX	YP	YL	AX	P3
✓	x	x	x	✓	✓

SX, ZX, YP and YL connection types can be manufactured optionally based on customer request. Other connection types are provided as part of the standard product.

C: Central Heating / E: Electric / D: Dual Fuel