

OPAL PLUS HORIZONTAL

TECHNICAL INFORMATION

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

MODEL CODE	Width x Height	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	
5040103302440800	780 x 240	5	80	745	82-108	122-148	41-67	11	40	0.70	C
5040103302950800	780 x 300	6	80	745	82-108	122-148	41-67	11	40	0.84	C
5040103303460800	780 x 350	7	80	745	82-108	122-148	41-67	11	40	0.98	C-E-D
5040103303970800	780 x 400	8	80	745	82-108	122-148	41-67	11	40	1.12	C-E-D
5040103304480800	780 x 450	9	80	745	82-108	122-148	41-67	11	40	1.26	C-E-D
5040103304990800	780 x 500	10	80	745	82-108	122-148	41-67	11	40	1.40	C-E-D
5040103305500800	780 x 550	11	80	745	82-108	122-148	41-67	11	40	1.54	C-E-D
5040103306010800	780 x 600	12	80	745	82-108	122-148	41-67	11	40	1.68	C-E-D
5040103306520800	780 x 650	13	80	745	82-108	122-148	41-67	11	40	1.81	C-E-D
5040103302440900	880 x 240	5	80	845	82-108	122-148	41-67	11	40	0.77	C
5040103302950900	880 x 300	6	80	845	82-108	122-148	41-67	11	40	0.92	C
5040103303460900	880 x 350	7	80	845	82-108	122-148	41-67	11	40	1.08	C-E-D
5040103303970900	880 x 400	8	80	845	82-108	122-148	41-67	11	40	1.23	C-E-D
5040103304480900	880 x 450	9	80	845	82-108	122-148	41-67	11	40	1.38	C-E-D
5040103304990900	880 x 500	10	80	845	82-108	122-148	41-67	11	40	1.54	C-E-D
5040103305500900	880 x 550	11	80	845	82-108	122-148	41-67	11	40	1.69	C-E-D
5040103306010900	880 x 600	12	80	845	82-108	122-148	41-67	11	40	1.85	C-E-D
5040103306520900	880 x 650	13	80	845	82-108	122-148	41-67	11	40	2.00	C-E-D
5040103302441000	980 x 240	5	80	945	82-108	122-148	41-67	11	40	0.84	C
5040103302951000	980 x 300	6	80	945	82-108	122-148	41-67	11	40	1.01	C
5040103303461000	980 x 350	7	80	945	82-108	122-148	41-67	11	40	1.18	C-E-D
5040103303971000	980 x 400	8	80	945	82-108	122-148	41-67	11	40	1.35	C-E-D
5040103304481000	980 x 450	9	80	945	82-108	122-148	41-67	11	40	1.51	C-E-D
5040103304991000	980 x 500	10	80	945	82-108	122-148	41-67	11	40	1.68	C-E-D
5040103305501000	980 x 550	11	80	945	82-108	122-148	41-67	11	40	1.85	C-E-D
5040103306011000	980 x 600	12	80	945	82-108	122-148	41-67	11	40	2.02	C-E-D
5040103306521000	980 x 650	13	80	945	82-108	122-148	41-67	11	40	2.19	C-E-D
5040103302441100	1080 x 240	5	80	1045	82-108	122-148	41-67	11	40	0.91	C
5040103302951100	1080 x 300	6	80	1045	82-108	122-148	41-67	11	40	1.09	C
5040103303461100	1080 x 350	7	80	1045	82-108	122-148	41-67	11	40	1.28	C-E-D
5040103303971100	1080 x 400	8	80	1045	82-108	122-148	41-67	11	40	1.46	C-E-D
5040103304481100	1080 x 450	9	80	1045	82-108	122-148	41-67	11	40	1.64	C-E-D
5040103304991100	1080 x 500	10	80	1045	82-108	122-148	41-67	11	40	1.82	C-E-D
5040103305501100	1080 x 550	11	80	1045	82-108	122-148	41-67	11	40	2.01	C-E-D
5040103306011100	1080 x 600	12	80	1045	82-108	122-148	41-67	11	40	2.19	C-E-D
5040103306521100	1080 x 650	13	80	1045	82-108	122-148	41-67	11	40	2.37	C-E-D
5040103302441200	1180 x 240	5	80	1145	82-108	122-148	41-67	11	40	0.98	C
5040103302951200	1180 x 300	6	80	1145	82-108	122-148	41-67	11	40	1.18	C
5040103303461200	1180 x 350	7	80	1145	82-108	122-148	41-67	11	40	1.38	C-E-D
5040103303971200	1180 x 400	8	80	1145	82-108	122-148	41-67	11	40	1.57	C-E-D
5040103304481200	1180 x 450	9	80	1145	82-108	122-148	41-67	11	40	1.77	C-E-D
5040103304991200	1180 x 500	10	80	1145	82-108	122-148	41-67	11	40	1.97	C-E-D
5040103305501200	1180 x 550	11	80	1145	82-108	122-148	41-67	11	40	2.16	C-E-D
5040103306011200	1180 x 600	12	80	1145	82-108	122-148	41-67	11	40	2.36	C-E-D
5040103306521200	1180 x 650	13	80	1145	82-108	122-148	41-67	11	40	2.56	C-E-D
5040103302441300	1280 x 240	5	80	1245	82-108	122-148	41-67	11	40	1.05	C
5040103302951300	1280 x 300	6	80	1245	82-108	122-148	41-67	11	40	1.27	C
5040103303461300	1280 x 350	7	80	1245	82-108	122-148	41-67	11	40	1.48	C-E-D
5040103303971300	1280 x 400	8	80	1245	82-108	122-148	41-67	11	40	1.69	C-E-D
5040103304481300	1280 x 450	9	80	1245	82-108	122-148	41-67	11	40	1.90	C-E-D
5040103304991300	1280 x 500	10	80	1245	82-108	122-148	41-67	11	40	2.11	C-E-D
5040103305501300	1280 x 550	11	80	1245	82-108	122-148	41-67	11	40	2.32	C-E-D
5040103306011300	1280 x 600	12	80	1245	82-108	122-148	41-67	11	40	2.53	C-E-D
5040103306521300	1280 x 650	13	80	1245	82-108	122-148	41-67	11	40	2.74	C-E-D
5040103302441400	1380 x 240	5	80	1345	82-108	122-148	41-67	11	40	1.13	C
5040103302951400	1380 x 300	6	80	1345	82-108	122-148	41-67	11	40	1.35	C
5040103303461400	1380 x 350	7	80	1345	82-108	122-148	41-67	11	40	1.58	C-E-D
5040103303971400	1380 x 400	8	80	1345	82-108	122-148	41-67	11	40	1.80	C-E-D
5040103304481400	1380 x 450	9	80	1345	82-108	122-148	41-67	11	40	2.03	C-E-D
5040103304991400	1380 x 500	10	80	1345	82-108	122-148	41-67	11	40	2.25	C-E-D
5040103305501400	1380 x 550	11	80	1345	82-108	122-148	41-67	11	40	2.48	C-E-D
5040103306011400	1380 x 600	12	80	1345	82-108	122-148	41-67	11	40	2.70	C-E-D
5040103306521400	1380 x 650	13	80	1345	82-108	122-148	41-67	11	40	2.93	C-E-D
5040103302441500	1480 x 240	5	80	1445	82-108	122-148	41-67	11	40	1.20	C
5040103302951500	1480 x 300	6	80	1445	82-108	122-148	41-67	11	40	1.44	C
5040103303461500	1480 x 350	7	80	1445	82-108	122-148	41-67	11	40	1.68	C-E-D
5040103303971500	1480 x 400	8	80	1445	82-108	122-148	41-67	11	40	1.92	C-E-D
5040103304481500	1480 x 450	9	80	1445	82-108	122-148	41-67	11	40	2.16	C-E-D
5040103304991500	1480 x 500	10	80	1445	82-108	122-148	41-67	11	40	2.40	C-E-D
5040103305501500	1480 x 550	11	80	1445	82-108	122-148	41-67	11	40	2.64	C-E-D
5040103306011500	1480 x 600	12	80	1445	82-108	122-148	41-67	11	40	2.88	C-E-D
5040103306521500	1480 x 650	13	80	1445	82-108	122-148	41-67	11	40	3.12	C-E-D
5040103302441600	1580 x 240	5	80	1545	82-108	122-148	41-67	11	40	1.27	C
5040103302951600	1580 x 300	6	80	1545	82-108	122-148	41-67	11	40	1.52	C
5040103303461600	1580 x 350	7	80	1545	82-108	122-148	41-67	11	40	1.78	C-E-D
5040103303971600	1580 x 400	8	80	1545	82-108	122-148	41-67	11	40	2.03	C-E-D
5040103304481600	1580 x 450	9	80	1545	82-108	122-148	41-67	11	40	2.29	C-E-D
5040103304991600	1580 x 500	10	80	1545	82-108	122-148	41-67	11	40	2.54	C-E-D
5040103305501600	1580 x 550	11	80	1545	82-108	122-148	41-67	11	40	2.79	C-E-D
5040103306011600	1580 x 600	12	80	1545	82-108	122-148	41-67	11	40	3.05	C-E-D
5040103306521600	1580 x 650	13	80	1545	82-108	122-148	41-67	11	40	3.30	C-E-D

HEAT OUTPUTS INFORMATION

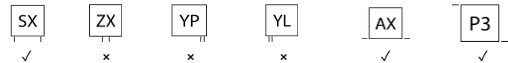
MODEL CODE	Heat Outputs ΔT 50 °C		Heat Outputs ΔT 60 °C		
	mm	Watt	Btu	Watt	Btu
5040103302440800	380	1295	494	1683	
5040103302950800	456	1554	592	2020	
5040103303460800	532	1813	691	2357	
5040103303970800	608	2072	790	2693	
5040103304480800	684	2331	889	3030	
5040103304990800	759	2590	987	3367	
5040103305500800	835	2849	1086	3703	
5040103306010800	911	3108	1185	4040	
5040103306520800	987	3367	1283	4377	
5040103302440900	418	1425	543	1853	
5040103302950900	502	1710	652	2223	
5040103303460900	585	1995	761	2594	
5040103303970900	669	2280	869	2965	
5040103304480900	752	2565	978	3335	
5040103304990900	836	2850	1087	3706	
5040103305500900	920	3136	1195	4076	
5040103306010900	1003	3421	1304	4447	
5040103306520900	1087	3706	1413	4817	
5040103302441000	454	1549	591	2014	
5040103302951000	545	1859	709	2417	
5040103303461000	636	2169	827	2820	
5040103303971000	727	2479	945	3223	
5040103304481000	818	2789	1063	3626	
5040103304991000	909	3099	1181	4028	
5040103305501000	1000	3409	1299	4431	
5040103306011000	1090	3719	1418	4834	
5040103306521000	1181	4028	1536	5237	
5040103302441100	494	1684	642	2190	
5040103302951100	593	2021	771	2628	
5040103303461100	692	2358	899	3066	
5040103303971100	790	2695	1027	3504	
5040103304481100	889	3032	1156	3941	
5040103304991100	988	3369	1284	4379	
5040103305501100	1087	3706	1413	4817	
5040103306011100	1185	4042	1541	5255	
5040103306521100	1284	4379	1670	5693	
5040103302441200	522	1779	678	2313	
5040103302951200	626	2135	814	2775	
5040103303461200	730	2491	949	3238	
5040103303971200	835	2846	1085	3700	
5040103304481200	939	3202	1221	4163	
5040103304991200	1043	3558	1356	4625	
5040103305501200	1148	3914	1492	5088	
5040103306011200	1252	4270	1628	5550	
5040103306521200	1356	4625	1763	6013	
5040103302441300	567	1934	737	2514	
5040103302951300	681	2321	885	3017	
5040103303461300	794	2708	1032	3520	
5040103303971300	907	3094	1180	4023	
5040103304481300	1021	3481	1327	4525	
5040103304991300	1134	3868	1475	5028	
5040103305501300	1248	4255	1622	5531	
5040103306011300	1361	4641	1769	6034	
5040103306521300	1475	5028	1917	6537	
5040103302441400	599	2043	779	2655	
5040103302951400	719	2451	934	3186	
5040103303461400	839	2860	1090	3717	
5040103303971400	958	3268	1246	4248	
5040103304481400	1078	3677	1402	4780	
5040103304991400	1198	4085	1557	5311	
5040103305501400	1318	4494	1713	5842	
5040103306011400	1438	4902	1869	6373	
5040103306521400	1557	5311	2025	6904	
5040103302441500	651	2220	847	2887	
5040103302951500	781	2665	1016	3464	
5040103303461500	912	3109	1185	4041	
5040103303971500	1042	3553	1354	4619	
5040103304481500	1172	3997	1524	5196	
5040103304991500	1302	4441	1693	5773	
5040103305501500	1433	4885	1862	6350	
5040103306011500	1563	5329	2032	6928	
5040103306521500	1693	5773	2201	7505	
5040103302441600	688	2345	894	3049	
5040103302951600	825	2814	1073	3658	
5040103303461600	963	3283	1252	4268	
5040103303971600	1100	3752	1430	4878	
5040103304481600	1238	4221	1609	5488	
5040103304991600	1375	4690	1788	6097	
5040103305501600	1513	5159	1967	6707	
5040103306011600	1651	5628	2146	7317	
5040103306521600	1788	6097	2325	7927	

OPAL PLUS HORIZONTAL

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

MODEL CODE	Width x Height	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	
5040103302441700	1680 x 240	5	80	1645	82-108	122-148	41-67	11	40	1,34	C
5040103302951700	1680 x 300	6	80	1645	82-108	122-148	41-67	11	40	1,61	C
5040103303461700	1680 x 350	7	80	1645	82-108	122-148	41-67	11	40	1,88	C-E-D
5040103303971700	1680 x 400	8	80	1645	82-108	122-148	41-67	11	40	2,15	C-E-D
5040103304481700	1680 x 450	9	80	1645	82-108	122-148	41-67	11	40	2,41	C-E-D
5040103304991700	1680 x 500	10	80	1645	82-108	122-148	41-67	11	40	2,68	C-E-D
5040103305501700	1680 x 550	11	80	1645	82-108	122-148	41-67	11	40	2,95	C-E-D
5040103306011700	1680 x 600	12	80	1645	82-108	122-148	41-67	11	40	3,22	C-E-D
5040103306521700	1680 x 650	13	80	1645	82-108	122-148	41-67	11	40	3,49	C-E-D
5040103302441800	1780 x 240	5	80	1745	82-108	122-148	41-67	11	40	1,41	C
5040103302951800	1780 x 300	6	80	1745	82-108	122-148	41-67	11	40	1,69	C
5040103303461800	1780 x 350	7	80	1745	82-108	122-148	41-67	11	40	1,98	C-E-D
5040103303971800	1780 x 400	8	80	1745	82-108	122-148	41-67	11	40	2,26	C-E-D
5040103304481800	1780 x 450	9	80	1745	82-108	122-148	41-67	11	40	2,54	C-E-D
5040103304991800	1780 x 500	10	80	1745	82-108	122-148	41-67	11	40	2,83	C-E-D
5040103305501800	1780 x 550	11	80	1745	82-108	122-148	41-67	11	40	3,11	C-E-D
5040103306011800	1780 x 600	12	80	1745	82-108	122-148	41-67	11	40	3,39	C-E-D
5040103306521800	1780 x 650	13	80	1745	82-108	122-148	41-67	11	40	3,67	C-E-D

CONNECTIONS TYPE



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.

HEAT OUTPUTS INFORMATION

MODEL CODE	Heat Outputs ΔT 50 °C		Heat Outputs ΔT 60 °C		
	mm	Watt	Btu	Watt	Btu
5040103302441700		748	2549	972	3314
5040103302951700		897	3059	1166	3977
5040103303461700		1047	3569	1361	4640
5040103303971700		1196	4079	1555	5303
5040103304481700		1346	4589	1749	5966
5040103304991700		1495	5099	1944	6629
5040103305501700		1645	5609	2138	7291
5040103306011700		1794	6119	2333	7954
5040103306521700		1944	6629	2527	8617
5040103302441800		790	2693	1027	3500
5040103302951800		948	3231	1232	4200
5040103303461800		1105	3770	1437	4901
5040103303971800		1263	4308	1642	5601
5040103304481800		1421	4847	1848	6301
5040103304991800		1579	5385	2053	7001
5040103305501800		1737	5924	2258	7701
5040103306011800		1895	6462	2464	8401
5040103306521800		2053	7001	2669	9101

LOGISTICS INFORMATION

Net Weight	Gross Weight	Package Volume	Package Dimensions (H x W x D)
kg	kg	m³	mm
12,88	15,32	0,07	1810X291X122
15,47	18,09	0,08	1810X342X122
18,05	20,85	0,09	1810X393X122
20,63	23,62	0,10	1810X444X122
23,21	26,38	0,11	1810X495X122
25,78	29,13	0,13	1810X546X122
28,37	31,91	0,14	1810X597X122
30,95	34,68	0,15	1810X648X122
33,53	37,43	0,16	1810X699X122
13,60	16,03	0,07	1910X291X122
16,33	18,95	0,08	1910X342X122
19,05	21,85	0,10	1910X393X122
21,78	24,77	0,11	1910X444X122
24,50	27,68	0,12	1910X495X122
27,22	30,59	0,13	1910X546X122
29,96	33,53	0,14	1910X597X122
32,68	36,44	0,16	1910X648X122
35,40	39,35	0,17	1910X699X122

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