

OPAL PLUS

TECHNICAL INFORMATION

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

Height x Width (H x W)	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	Prices Ex. Vat
mm	pieces	mm	mm	mm	mm	mm	mm	mm	L		
300x295	6	80	245	70	110	17	11	40	0,41	C	£ 94.08
300x346	7	80	245	70	110	17	11	40	0,48	C	£ 108.28
300x397	8	80	245	70	110	17	11	40	0,54	C	£ 123.31
300x448	9	80	245	70	110	17	11	40	0,61	C-E-D	£ 137.67
300x499	10	80	245	70	110	17	11	40	0,68	C-E-D	£ 152.03
300x550	11	80	245	70	110	17	11	40	0,75	C-E-D	£ 167.24
300x601	12	80	245	70	110	17	11	40	0,82	C-E-D	£ 181.61
300x652	13	80	245	70	110	17	11	40	0,89	C-E-D	£ 195.98
300x703	14	80	245	70	110	17	11	40	0,95	C-E-D	£ 210.35
300x754	15	80	245	70	110	17	11	40	1,02	C-E-D	£ 225.55
300x805	16	80	245	70	110	17	11	40	1,09	C-E-D	£ 239.92
300x856	17	80	245	70	110	17	11	40	1,16	C-E-D	£ 254.29
300x907	18	80	245	70	110	17	11	40	1,23	C-E-D	£ 268.66
300x958	19	80	245	70	110	17	11	40	1,29	C-E-D	£ 283.86
300x1009	20	80	245	70	110	17	11	40	1,36	C-E-D	£ 298.23
300x1060	21	80	245	70	110	17	11	40	1,43	C-E-D	£ 312.60
300x1111	22	80	245	70	110	17	11	40	1,50	C-E-D	£ 327.80
300x1162	23	80	245	70	110	17	11	40	1,57	C-E-D	£ 342.17
300x1213	24	80	245	70	110	17	11	40	1,64	C-E-D	£ 356.54
300x1264	25	80	245	70	110	17	11	40	1,70	C-E-D	£ 370.91
300x1315	26	80	245	70	110	17	11	40	1,77	C-E-D	£ 386.11
300x1366	27	80	245	70	110	17	11	40	1,84	C-E-D	£ 400.48
300x1417	28	80	245	70	110	17	11	40	1,91	C	£ 414.85
300x1468	29	80	245	70	110	17	11	40	1,98	C	£ 429.22
300x1519	30	80	245	70	110	17	11	40	2,04	C	£ 444.43
300x1570	31	80	245	70	110	17	11	40	2,11	C	£ 458.79
300x1621	32	80	245	70	110	17	11	40	2,18	C	£ 473.16
300x1672	33	80	245	70	110	17	11	40	2,25	C	£ 488.37
300x1723	34	80	245	70	110	17	11	40	2,32	C	£ 502.73
300x1774	35	80	245	70	110	17	11	40	2,39	C	£ 517.10
300x1825	36	80	245	70	110	17	11	40	2,45	C	£ 531.47
300x1876	37	80	245	70	110	17	11	40	2,52	C	£ 546.67
300x1927	38	80	245	70	110	17	11	40	2,59	C	£ 561.04
300x1978	39	80	245	70	110	17	11	40	2,66	C	£ 575.41
400x295	6	80	345	70	110	17	11	40	0,49	C	£ 103.27
400x346	7	80	345	70	110	17	11	40	0,58	C	£ 118.98
400x397	8	80	345	70	110	17	11	40	0,66	C	£ 135.53
400x448	9	80	345	70	110	17	11	40	0,74	C-E-D	£ 151.41
400x499	10	80	345	70	110	17	11	40	0,82	C-E-D	£ 167.29
400x550	11	80	345	70	110	17	11	40	0,91	C-E-D	£ 184.01
400x601	12	80	345	70	110	17	11	40	0,99	C-E-D	£ 199.90
400x652	13	80	345	70	110	17	11	40	1,07	C-E-D	£ 215.78
400x703	14	80	345	70	110	17	11	40	1,15	C-E-D	£ 231.66
400x754	15	80	345	70	110	17	11	40	1,24	C-E-D	£ 248.40
400x805	16	80	345	70	110	17	11	40	1,32	C-E-D	£ 264.28
400x856	17	80	345	70	110	17	11	40	1,40	C-E-D	£ 280.16
400x907	18	80	345	70	110	17	11	40	1,48	C-E-D	£ 296.05
400x958	19	80	345	70	110	17	11	40	1,57	C-E-D	£ 312.77
400x1009	20	80	345	70	110	17	11	40	1,65	C-E-D	£ 328.65
400x1060	21	80	345	70	110	17	11	40	1,73	C-E-D	£ 344.53
400x1111	22	80	345	70	110	17	11	40	1,81	C-E-D	£ 361.25
400x1162	23	80	345	70	110	17	11	40	1,90	C-E-D	£ 377.13
400x1213	24	80	345	70	110	17	11	40	1,98	C-E-D	£ 393.02
400x1264	25	80	345	70	110	17	11	40	2,06	C-E-D	£ 408.91
400x1315	26	80	345	70	110	17	11	40	2,14	C-E-D	£ 425.64
400x1366	27	80	345	70	110	17	11	40	2,23	C-E-D	£ 441.52
400x1417	28	80	345	70	110	17	11	40	2,31	C	£ 457.40
400x1468	29	80	345	70	110	17	11	40	2,39	C	£ 473.29
400x1519	30	80	345	70	110	17	11	40	2,47	C	£ 490.01
400x1570	31	80	345	70	110	17	11	40	2,56	C	£ 505.89
400x1621	32	80	345	70	110	17	11	40	2,64	C	£ 521.77
400x1672	33	80	345	70	110	17	11	40	2,72	C	£ 538.49
400x1723	34	80	345	70	110	17	11	40	2,80	C	£ 554.37
400x1774	35	80	345	70	110	17	11	40	2,89	C	£ 570.26
400x1825	36	80	345	70	110	17	11	40	2,97	C	£ 586.14
400x1876	37	80	345	70	110	17	11	40	3,05	C	£ 602.88
400x1927	38	80	345	70	110	17	11	40	3,13	C	£ 618.76
400x1978	39	80	345	70	110	17	11	40	3,22	C	£ 634.64
500x295	6	80	445	70	110	17	11	40	0,58	C	£ 112.78
500x346	7	80	445	70	110	17	11	40	0,68	C	£ 130.01

HEAT OUTPUTS INFORMATION

Height x Width (H x W)	Heat Outputs ΔT 50 °C		Heat Outputs ΔT 60 °C	
mm	Watt	Btu	Watt	Btu
300x295	167	570	217	741
300x346	195	665	254	865
300x397	223	760	290	988
300x448	251	855	326	1112
300x499	279	950	362	1235
300x550	307	1045	398	1359
300x601	334	1140	435	1482
300x652	362	1235	471	1606
300x703	390	1330	507	1729
300x754	418	1425	543	1853
300x805	446	1520	580	1976
300x856	474	1615	616	2100
300x907	502	1710	652	2223
300x958	529	1805	688	2347
300x1009	557	1900	724	2470
300x1060	585	1995	761	2594
300x1111	613	2090	797	2717
300x1162	641	2185	833	2841
300x1213	669	2280	869	2965
300x1264	697	2375	906	3088
300x1315	724	2470	942	3212
300x1366	752	2565	978	3335
300x1417	780	2660	1014	3459
300x1468	808	2755	1050	3582
300x1519	836	2850	1087	3706
300x1570	864	2946	1123	3829
300x1621	892	3041	1159	3953
300x1672	920	3136	1195	4076
300x1723	947	3231	1232	4200
300x1774	975	3326	1268	4323
300x1825	1003	3421	1304	4447
300x1876	1031	3516	1340	4570
300x1927	1059	3611	1376	4694
300x1978	1087	3706	1413	4817
400x295	228	777	296	1010
400x346	266	906	346	1178
400x397	304	1036	395	1347
400x448	342	1165	444	1515
400x499	380	1295	494	1683
400x550	418	1424	543	1852
400x601	456	1554	592	2020
400x652	494	1683	642	2188
400x703	532	1813	691	2357
400x754	570	1942	740	2525
400x805	608	2072	790	2693
400x856	646	2201	839	2862
400x907	684	2331	889	3030
400x958	721	2460	938	3198
400x1009	759	2590	987	3367
400x1060	797	2719	1037	3535
400x1111	835	2849	1086	3703
400x1162	873	2978	1135	3872
400x1213	911	3108	1185	4040
400x1264	949	3237	1234	4208
400x1315	987	3367	1283	4377
400x1366	1025	3496	1333	4545
400x1417	1063	3626	1382	4713
400x1468	1101	3755	1432	4882
400x1519	1139	3885	1481	5050
400x1570	1177	4014	1530	5218
400x1621	1215	4144	1580	5387
400x1672	1253	4273	1629	5555
400x1723	1291	4402	1678	5723
400x1774	1329	4532	1728	5892
400x1825	1367	4661	1777	6060
400x1876	1405	4791	1826	6228
400x1927	1443	4920	1876	6397
400x1978	1481	5050	1925	6565
500x295	291	993	378	1290
500x346	340	1158	441	1505

LOGISTICS INFORMATION

Net Weight	Gross Weight	Package Volume	Package Dimensions (H x W x D)
kg	kg	m³	mm
3.43	4.37	0.02	410X342X122
4.00	5.01	0.02	410X393X122
4.58	5.63	0.03	410X444X122
5.16	6.27	0.03	410X495X122
5.73	6.88	0.03	410X546X122
6.31	7.52	0.03	410X597X122
6.87	8.14	0.04	410X648X122
7.45	8.77	0.04	410X699X122
8.02	9.40	0.04	410X750X122
8.60	10.04	0.05	410X801X122
9.18	10.67	0.05	410X852X122
9.75	11.30	0.05	410X903X122
10.32	11.93	0.05	410X954X122
10.90	12.56	0.06	410X1005X122
11.47	13.19	0.06	410X1056X122
12.05	13.83	0.06	410X1107X122
12.62	14.44	0.06	410X1158X122
13.20	15.07	0.07	410X1209X122
13.76	15.70	0.07	410X1260X122
14.34	16.33	0.07	410X1311X122
14.92	16.96	0.07	410X1362X122
15.49	17.60	0.08	410X1413X122
16.07	18.23	0.08	410X1464X122
16.63	18.85	0.08	410X1515X122
17.21	19.49	0.08	410X1566X122
17.79	20.12	0.09	410X1617X122
18.36	20.75	0.09	410X1668X122
18.94	21.39	0.09	410X1719X122
19.51	22.01	0.09	410X1770X122
20.08	22.63	0.10	410X1821X122
20.66	23.26	0.10	410X1872X122
21.23	23.89	0.10	410X1923X122
21.81	24.53	0.10	410X1974X122
22.38	25.15	0.11	410X2025X122
4.29	5.34	0.03	510X342X122
5.01	6.13	0.03	510X393X122
5.73	6.91	0.03	510X444X122
6.45	7.69	0.04	510X495X122
7.17	8.47	0.04	510X546X122
7.89	9.26	0.04	510X597X122
8.60	10.03	0.05	510X648X122
9.32	10.82	0.05	510X699X122
10.04	11.60	0.05	510X750X122
10.76	12.40	0.05	510X801X122
11.48	13.18	0.06	510X852X122
12.20	13.96	0.06	510X903X122
12.91	14.74	0.06	510X954X122
13.63	15.52	0.07	510X1005X122
14.35	16.30	0.07	510X1056X122
15.07	17.08	0.07	510X1107X122
15.79	17.86	0.08	510X1158X122
16.51	18.65	0.08	510X1209X122
17.22	19.43	0.08	510X1260X122
17.94	20.22	0.09	510X1311X122
18.66	21.00	0.09	510X1362X122
19.38	21.78	0.09	510X1413X122
20.09	22.57	0.10	510X1464X122
20.80	23.34	0.10	510X1515X122
21.52	24.13	0.10	510X1566X122
22.24	24.91	0.11	510X1617X122
22.96	25.68	0.11	510X1668X122
23.68	26.47	0.11	510X1719X122
24.40	27.25	0.12	510X1770X122
25.11	28.03	0.12	510X1821X122
25.83	28.81	0.12	510X1872X122
26.55	29.61	0.12	510X1923X122
27.27	30.39	0.13	510X1974X122
27.99	31.17	0.13	510X2025X122
5.15	6.30	0.03	610X342X122
6.02	7.24	0.03	610X393X122

OPAL PLUS

TECHNICAL INFORMATION

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

Height x Width (H x W)	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	Prices Ex. Vat
mm	pieces	mm	mm	mm	mm	mm	mm	mm	L		
500x397	8	80	445	70	110	17	11	40	0.77	C	£ 148.08
500x448	9	80	445	70	110	17	11	40	0.87	C-E-D	£ 165.48
500x499	10	80	445	70	110	17	11	40	0.97	C-E-D	£ 182.87
500x550	11	80	445	70	110	17	11	40	1.06	C-E-D	£ 201.11
500x601	12	80	445	70	110	17	11	40	1.16	C-E-D	£ 218.51
500x652	13	80	445	70	110	17	11	40	1.26	C-E-D	£ 235.91
500x703	14	80	445	70	110	17	11	40	1.35	C-E-D	£ 253.32
500x754	15	80	445	70	110	17	11	40	1.45	C-E-D	£ 271.56
500x805	16	80	445	70	110	17	11	40	1.55	C-E-D	£ 288.95
500x856	17	80	445	70	110	17	11	40	1.64	C-E-D	£ 306.35
500x907	18	80	445	70	110	17	11	40	1.74	C-E-D	£ 323.76
500x958	19	80	445	70	110	17	11	40	1.84	C-E-D	£ 342.00
500x1009	20	80	445	70	110	17	11	40	1.93	C-E-D	£ 359.39
500x1060	21	80	445	70	110	17	11	40	2.03	C-E-D	£ 376.79
500x1111	22	80	445	70	110	17	11	40	2.13	C-E-D	£ 395.03
500x1162	23	80	445	70	110	17	11	40	2.22	C-E-D	£ 412.44
500x1213	24	80	445	70	110	17	11	40	2.32	C-E-D	£ 429.84
500x1264	25	80	445	70	110	17	11	40	2.42	C-E-D	£ 447.24
500x1315	26	80	445	70	110	17	11	40	2.52	C-E-D	£ 465.47
500x1366	27	80	445	70	110	17	11	40	2.61	C-E-D	£ 482.87
500x1417	28	80	445	70	110	17	11	40	2.71	C	£ 500.28
500x1468	29	80	445	70	110	17	11	40	2.81	C	£ 517.68
500x1519	30	80	445	70	110	17	11	40	2.90	C	£ 535.91
500x1570	31	80	445	70	110	17	11	40	3.00	C	£ 553.31
500x1621	32	80	445	70	110	17	11	40	3.10	C	£ 570.72
500x1672	33	80	445	70	110	17	11	40	3.19	C	£ 588.96
500x1723	34	80	445	70	110	17	11	40	3.29	C	£ 606.36
500x1774	35	80	445	70	110	17	11	40	3.39	C	£ 623.76
500x1825	36	80	445	70	110	17	11	40	3.48	C	£ 641.16
500x1876	37	80	445	70	110	17	11	40	3.58	C	£ 659.40
500x1927	38	80	445	70	110	17	11	40	3.68	C	£ 676.80
500x1978	39	80	445	70	110	17	11	40	3.77	C	£ 694.20
600x295	6	80	545	70	110	17	11	40	0.67	C	£ 120.94
600x346	7	80	545	70	110	17	11	40	0.78	C	£ 139.69
600x397	8	80	545	70	110	17	11	40	0.89	C	£ 159.28
600x448	9	80	545	70	110	17	11	40	1.00	C-E-D	£ 178.19
600x499	10	80	545	70	110	17	11	40	1.11	C-E-D	£ 197.10
600x550	11	80	545	70	110	17	11	40	1.22	C-E-D	£ 216.86
600x601	12	80	545	70	110	17	11	40	1.33	C-E-D	£ 235.78
600x652	13	80	545	70	110	17	11	40	1.44	C-E-D	£ 254.71
600x703	14	80	545	70	110	17	11	40	1.55	C-E-D	£ 273.62
600x754	15	80	545	70	110	17	11	40	1.67	C-E-D	£ 293.37
600x805	16	80	545	70	110	17	11	40	1.78	C-E-D	£ 312.29
600x856	17	80	545	70	110	17	11	40	1.89	C-E-D	£ 331.21
600x907	18	80	545	70	110	17	11	40	2.00	C-E-D	£ 350.12
600x958	19	80	545	70	110	17	11	40	2.11	C-E-D	£ 369.88
600x1009	20	80	545	70	110	17	11	40	2.22	C-E-D	£ 388.80
600x1060	21	80	545	70	110	17	11	40	2.33	C-E-D	£ 407.71
600x1111	22	80	545	70	110	17	11	40	2.44	C-E-D	£ 427.48
600x1162	23	80	545	70	110	17	11	40	2.55	C-E-D	£ 446.39
600x1213	24	80	545	70	110	17	11	40	2.66	C-E-D	£ 465.30
600x1264	25	80	545	70	110	17	11	40	2.78	C-E-D	£ 484.23
600x1315	26	80	545	70	110	17	11	40	2.89	C-E-D	£ 503.98
600x1366	27	80	545	70	110	17	11	40	3.00	C-E-D	£ 522.89
600x1417	28	80	545	70	110	17	11	40	3.11	C	£ 541.82
600x1468	29	80	545	70	110	17	11	40	3.22	C	£ 560.73
600x1519	30	80	545	70	110	17	11	40	3.33	C	£ 580.48
600x1570	31	80	545	70	110	17	11	40	3.44	C	£ 599.41
600x1621	32	80	545	70	110	17	11	40	3.55	C	£ 618.32
600x1672	33	80	545	70	110	17	11	40	3.66	C	£ 638.07
600x1723	34	80	545	70	110	17	11	40	3.78	C	£ 656.99
600x1774	35	80	545	70	110	17	11	40	3.89	C	£ 675.91
600x1825	36	80	545	70	110	17	11	40	4.00	C	£ 694.82
600x1876	37	80	545	70	110	17	11	40	4.11	C	£ 714.59
600x1927	38	80	545	70	110	17	11	40	4.22	C	£ 733.50
600x1978	39	80	545	70	110	17	11	40	4.33	C	£ 752.41
700x295	6	80	645	70	110	17	11	40	0.75	C	£ 135.68
700x346	7	80	645	70	110	17	11	40	0.88	C	£ 156.60
700x397	8	80	645	70	110	17	11	40	1.00	C	£ 178.35
700x448	9	80	645	70	110	17	11	40	1.13	C-E-D	£ 199.43

HEAT OUTPUTS INFORMATION

Height x Width (H x W)	Heat Outputs ΔT 50 °C		Heat Outputs ΔT 60 °C	
mm	Watt	Btu	Watt	Btu
500x397	388	1323	505	1720
500x448	437	1489	568	1936
500x499	485	1654	631	2151
500x550	534	1820	694	2366
500x601	582	1985	757	2581
500x652	631	2151	820	2796
500x703	679	2316	883	3011
500x754	728	2481	946	3226
500x805	776	2647	1009	3441
500x856	825	2812	1072	3656
500x907	873	2978	1135	3871
500x958	922	3143	1198	4086
500x1009	970	3309	1261	4301
500x1060	1019	3474	1324	4516
500x1111	1067	3639	1387	4731
500x1162	1116	3805	1451	4946
500x1213	1164	3970	1514	5161
500x1264	1213	4136	1577	5376
500x1315	1261	4301	1640	5592
500x1366	1310	4467	1703	5807
500x1417	1358	4632	1766	6022
500x1468	1407	4797	1829	6237
500x1519	1455	4963	1892	6452
500x1570	1504	5128	1955	6667
500x1621	1552	5294	2018	6882
500x1672	1601	5459	2081	7097
500x1723	1649	5625	2144	7312
500x1774	1698	5790	2207	7527
500x1825	1746	5955	2270	7742
500x1876	1795	6121	2333	7957
500x1927	1844	6286	2397	8172
500x1978	1892	6452	2460	8387
600x295	357	1217	464	1583
600x346	417	1420	541	1846
600x397	476	1623	619	2110
600x448	536	1826	696	2374
600x499	595	2029	774	2638
600x550	655	2232	851	2901
600x601	714	2435	928	3165
600x652	774	2638	1006	3429
600x703	833	2841	1083	3693
600x754	893	3044	1160	3957
600x805	952	3246	1238	4220
600x856	1012	3449	1315	4484
600x907	1071	3652	1392	4748
600x958	1131	3855	1470	5012
600x1009	1190	4058	1547	5275
600x1060	1250	4261	1624	5539
600x1111	1309	4464	1702	5803
600x1162	1369	4667	1779	6067
600x1213	1428	4870	1856	6330
600x1264	1488	5072	1934	6594
600x1315	1547	5275	2011	6858
600x1366	1607	5478	2088	7122
600x1417	1666	5681	2166	7385
600x1468	1726	5884	2243	7649
600x1519	1785	6087	2321	7913
600x1570	1845	6290	2398	8177
600x1621	1904	6493	2475	8441
600x1672	1964	6696	2553	8704
600x1723	2023	6899	2630	8968
600x1774	2083	7101	2707	9232
600x1825	2142	7304	2785	9496
600x1876	2202	7507	2862	9759
600x1927	2261	7710	2939	10023
600x1978	2321	7913	3017	10287
700x295	408	1390	530	1807
700x346	475	1621	618	2108
700x397	543	1853	706	2409
700x448	611	2084	795	2710

LOGISTICS INFORMATION

Net Weight	Gross Weight	Package Volume	Package Dimensions (H x W x D)
kg	kg	m³	mm
6.88	8.17	0.04	610X444X122
7.74	9.12	0.04	610X495X122
8.61	10.06	0.05	610X546X122
9.47	10.99	0.05	610X597X122
10.32	11.92	0.05	610X648X122
11.19	12.86	0.06	610X699X122
12.05	13.81	0.06	610X750X122
12.92	14.74	0.06	610X801X122
13.78	15.68	0.07	610X852X122
14.64	16.61	0.07	610X903X122
15.50	17.54	0.08	610X954X122
16.36	18.47	0.08	610X1005X122
17.22	19.41	0.08	610X1056X122
18.09	20.35	0.09	610X1107X122
18.95	21.29	0.09	610X1158X122
19.81	22.22	0.09	610X1209X122
20.67	23.16	0.10	610X1260X122
21.53	24.09	0.10	610X1311X122
22.39	25.03	0.11	610X1362X122
23.26	25.96	0.11	610X1413X122
24.12	26.91	0.11	610X1464X122
24.97	27.83	0.12	610X1515X122
25.84	28.77	0.12	610X1566X122
26.70	29.69	0.13	610X1617X122
27.57	30.64	0.13	610X1668X122
28.43	31.58	0.13	610X1719X122
29.29	32.51	0.14	610X1770X122
30.15	33.44	0.14	610X1821X122
31.01	34.38	0.14	610X1872X122
31.87	35.32	0.15	610X1923X122
32.74	36.26	0.15	610X1974X122
33.60	37.19	0.16	610X2025X122
6.02	7.17	0.03	710X342X122
7.02	8.24	0.04	710X393X122
8.03	9.33	0.04	710X444X122
9.04	10.42	0.05	710X495X122
10.04	11.50	0.05	710X546X122
11.05	12.60	0.06	710X597X122
12.05	13.69	0.06	710X648X122
13.06	14.78	0.07	710X699X122
14.06	15.86	0.07	710X750X122
15.07	16.96	0.07	710X801X122
16.08	18.05	0.08	710X852X122
17.09	19.15	0.08	710X903X122
18.08	20.21	0.09	710X954X122
19.09	21.31	0.09	710X1005X122
20.10	22.40	0.10	710X1056X122
21.11	23.48	0.10	710X1107X122
22.11	24.58	0.11	710X1158X122
23.12	25.66	0.11	710X1209X122
24.12	26.75	0.11	710X1260X122
25.13	27.85	0.12	710X1311X122
26.13	28.93	0.12	710X1362X122
27.14	30.02	0.13	710X1413X122
28.15	31.12	0.13	710X1464X122
29.14	32.19	0.14	710X1515X122
30.15	33.28	0.14	710X1566X122
31.16	34.38	0.15	710X1617X122
32.17	35.46	0.15	710X1668X122
33.18	36.56	0.15	710X1719X122
34.18	37.64	0.16	710X1770X122
35.18	38.72	0.16	710X1821X122
36.19	39.81	0.17	710X1872X122
37.19	40.90	0.17	710X1923X122
38.20	42.08	0.18	710X1974X122
39.21	43.08	0.18	710X2025X122
6.88	8.25	0.04	810X342X122
8.03	9.49	0.04	810X393X122
9.18	10.73	0.05	810X444X122
10.33	11.98	0.05	810X495X122

OPAL PLUS

TECHNICAL INFORMATION

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

Height x Width (H x W)	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	Prices Ex. Vat
mm	pieces	mm	mm	mm	mm	mm	mm	mm	L		
700x499	10	80	645	70	110	17	11	40	1.25	C-E-D	£ 220.50
700x550	11	80	645	70	110	17	11	40	1.38	C-E-D	£ 242.43
700x601	12	80	645	70	110	17	11	40	1.50	C-E-D	£ 263.51
700x652	13	80	645	70	110	17	11	40	1.63	C-E-D	£ 284.60
700x703	14	80	645	70	110	17	11	40	1.75	C-E-D	£ 305.67
700x754	15	80	645	70	110	17	11	40	1.88	C-E-D	£ 327.58
700x805	16	80	645	70	110	17	11	40	2.01	C-E-D	£ 348.67
700x856	17	80	645	70	110	17	11	40	2.13	C-E-D	£ 369.75
700x907	18	80	645	70	110	17	11	40	2.26	C-E-D	£ 390.83
700x958	19	80	645	70	110	17	11	40	2.38	C-E-D	£ 412.75
700x1009	20	80	645	70	110	17	11	40	2.51	C-E-D	£ 433.84
700x1060	21	80	645	70	110	17	11	40	2.63	C-E-D	£ 454.92
700x1111	22	80	645	70	110	17	11	40	2.76	C-E-D	£ 476.84
700x1162	23	80	645	70	110	17	11	40	2.88	C-E-D	£ 497.92
700x1213	24	80	645	70	110	17	11	40	3.01	C-E-D	£ 519.00
700x1264	25	80	645	70	110	17	11	40	3.13	C-E-D	£ 540.08
700x1315	26	80	645	70	110	17	11	40	3.26	C-E-D	£ 562.01
700x1366	27	80	645	70	110	17	11	40	3.38	C-E-D	£ 583.08
700x1417	28	80	645	70	110	17	11	40	3.51	C	£ 604.16
700x1468	29	80	645	70	110	17	11	40	3.64	C	£ 625.25
700x1519	30	80	645	70	110	17	11	40	3.76	C	£ 647.16
700x1570	31	80	645	70	110	17	11	40	3.89	C	£ 668.25
700x1621	32	80	645	70	110	17	11	40	4.01	C	£ 689.32
700x1672	33	80	645	70	110	17	11	40	4.14	C	£ 711.25
700x1723	34	80	645	70	110	17	11	40	4.26	C	£ 732.33
700x1774	35	80	645	70	110	17	11	40	4.39	C	£ 753.42
700x1825	36	80	645	70	110	17	11	40	4.51	C	£ 774.49
700x1876	37	80	645	70	110	17	11	40	4.64	C	£ 796.42
700x1927	38	80	645	70	110	17	11	40	4.76	C	£ 817.49
700x1978	39	80	645	70	110	17	11	40	4.89	C	£ 838.56
800x295	6	80	745	70	110	17	11	40	0.84	C	£ 145.21
800x346	7	80	745	70	110	17	11	40	0.98	C	£ 167.63
800x397	8	80	745	70	110	17	11	40	1.12	C	£ 190.90
800x448	9	80	745	70	110	17	11	40	1.26	C-E-D	£ 213.48
800x499	10	80	745	70	110	17	11	40	1.40	C-E-D	£ 236.09
800x550	11	80	745	70	110	17	11	40	1.54	C-E-D	£ 259.51
800x601	12	80	745	70	110	17	11	40	1.68	C-E-D	£ 282.12
800x652	13	80	745	70	110	17	11	40	1.81	C-E-D	£ 304.72
800x703	14	80	745	70	110	17	11	40	1.95	C-E-D	£ 327.31
800x754	15	80	745	70	110	17	11	40	2.09	C-E-D	£ 350.75
800x805	16	80	745	70	110	17	11	40	2.23	C-E-D	£ 373.34
800x856	17	80	745	70	110	17	11	40	2.37	C-E-D	£ 395.95
800x907	18	80	745	70	110	17	11	40	2.51	C-E-D	£ 418.56
800x958	19	80	745	70	110	17	11	40	2.65	C-E-D	£ 441.98
800x1009	20	80	745	70	110	17	11	40	2.79	C-E-D	£ 464.59
800x1060	21	80	745	70	110	17	11	40	2.93	C-E-D	£ 487.18
800x1111	22	80	745	70	110	17	11	40	3.07	C-E-D	£ 510.62
800x1162	23	80	745	70	110	17	11	40	3.21	C-E-D	£ 533.20
800x1213	24	80	745	70	110	17	11	40	3.35	C-E-D	£ 555.81
800x1264	25	80	745	70	110	17	11	40	3.49	C-E-D	£ 578.42
800x1315	26	80	745	70	110	17	11	40	3.63	C-E-D	£ 601.84
800x1366	27	80	745	70	110	17	11	40	3.77	C-E-D	£ 624.45
800x1417	28	80	745	70	110	17	11	40	3.91	C	£ 647.04
800x1468	29	80	745	70	110	17	11	40	4.05	C	£ 669.64
800x1519	30	80	745	70	110	17	11	40	4.19	C	£ 693.07
800x1570	31	80	745	70	110	17	11	40	4.33	C	£ 715.68
800x1621	32	80	745	70	110	17	11	40	4.47	C	£ 738.28
800x1672	33	80	745	70	110	17	11	40	4.61	C	£ 761.71
800x1723	34	80	745	70	110	17	11	40	4.75	C	£ 784.31
800x1774	35	80	745	70	110	17	11	40	4.89	C	£ 806.90
800x1825	36	80	745	70	110	17	11	40	5.03	C	£ 829.50
800x1876	37	80	745	70	110	17	11	40	5.17	C	£ 852.95
800x1927	38	80	745	70	110	17	11	40	5.31	C	£ 875.54
800x1978	39	80	745	70	110	17	11	40	5.45	C	£ 898.14
900x295	6	80	845	70	110	17	11	40	0.92	C	£ 154.72
900x346	7	80	845	70	110	17	11	40	1.08	C	£ 178.66
900x397	8	80	845	70	110	17	11	40	1.23	C	£ 203.44
900x448	9	80	845	70	110	17	11	40	1.38	C-E-D	£ 227.55
900x499	10	80	845	70	110	17	11	40	1.54	C-E-D	£ 251.67
900x550	11	80	845	70	110	17	11	40	1.69	C-E-D	£ 276.61

HEAT OUTPUTS INFORMATION

Height x Width (H x W)	Heat Outputs ΔT 50 °C		Heat Outputs ΔT 60 °C	
mm	Watt	Btu	Watt	Btu
700x499	679	2316	883	3011
700x550	747	2548	971	3312
700x601	815	2779	1060	3613
700x652	883	3011	1148	3914
700x703	951	3242	1236	4215
700x754	1019	3474	1324	4516
700x805	1087	3706	1413	4817
700x856	1155	3937	1501	5118
700x907	1223	4169	1589	5419
700x958	1290	4400	1678	5721
700x1009	1358	4632	1766	6022
700x1060	1426	4864	1854	6323
700x1111	1494	5095	1942	6624
700x1162	1562	5327	2031	6925
700x1213	1630	5558	2119	7226
700x1264	1698	5790	2207	7527
700x1315	1766	6022	2296	7828
700x1366	1834	6253	2384	8129
700x1417	1902	6485	2472	8430
700x1468	1970	6716	2561	8731
700x1519	2038	6948	2649	9032
700x1570	2105	7180	2737	9334
700x1621	2173	7411	2825	9635
700x1672	2241	7643	2914	9936
700x1723	2309	7874	3002	10237
700x1774	2377	8106	3090	10538
700x1825	2445	8338	3179	10839
700x1876	2513	8569	3267	11140
700x1927	2581	8801	3355	11441
700x1978	2649	9032	3443	11742
800x295	456	1554	592	2020
800x346	532	1813	691	2357
800x397	608	2072	790	2693
800x448	684	2331	889	3030
800x499	759	2590	987	3367
800x550	835	2849	1086	3703
800x601	911	3108	1185	4040
800x652	987	3367	1283	4377
800x703	1063	3626	1382	4713
800x754	1139	3885	1481	5050
800x805	1215	4144	1580	5387
800x856	1291	4402	1678	5723
800x907	1367	4661	1777	6060
800x958	1443	4920	1876	6397
800x1009	1519	5179	1975	6733
800x1060	1595	5438	2073	7070
800x1111	1671	5697	2172	7407
800x1162	1747	5956	2271	7743
800x1213	1823	6215	2369	8080
800x1264	1899	6474	2468	8417
800x1315	1975	6733	2567	8753
800x1366	2050	6992	2666	9090
800x1417	2126	7251	2764	9427
800x1468	2202	7510	2863	9763
800x1519	2278	7769	2962	10100
800x1570	2354	8028	3061	10436
800x1621	2430	8287	3159	10773
800x1672	2506	8546	3258	11110
800x1723	2582	8805	3357	11446
800x1774	2658	9064	3455	11783
800x1825	2734	9323	3554	12120
800x1876	2810	9582	3653	12456
800x1927	2886	9841	3752	12793
800x1978	2962	10100	3850	13130
900x295	502	1710	652	2223
900x346	585	1995	761	2594
900x397	669	2280	869	2965
900x448	752	2565	978	3335
900x499	836	2850	1087	3706
900x550	920	3136	1195	4076

LOGISTICS INFORMATION

Net Weight	Gross Weight	Package Volume	Package Dimensions (H x W x D)
kg	kg	m³	mm
11.48	13.22	0.06	810X546X122
12.63	14.47	0.06	810X597X122
13.78	15.71	0.07	810X648X122
14.93	16.95	0.07	810X699X122
16.08	18.18	0.08	810X750X122
17.23	19.42	0.08	810X801X122
18.38	20.67	0.09	810X852X122
19.53	21.91	0.09	810X903X122
20.67	23.15	0.10	810X954X122
21.82	24.39	0.10	810X1005X122
22.97	25.64	0.11	810X1056X122
24.13	26.88	0.11	810X1107X122
25.28	28.13	0.12	810X1158X122
26.43	29.37	0.12	810X1209X122
27.57	30.60	0.13	810X1260X122
28.72	31.83	0.13	810X1311X122
29.87	33.08	0.14	810X1362X12

OPAL PLUS

TECHNICAL INFORMATION

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

Height x Width (H x W)	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	Prices Ex. Vat
mm	pieces	mm	mm	mm	mm	mm	mm	mm	L		
900x601	12	80	845	70	110	17	11	40	1.85	C-E-D	£ 300.74
900x652	13	80	845	70	110	17	11	40	2.00	C-E-D	£ 324.85
900x703	14	80	845	70	110	17	11	40	2.15	C-E-D	£ 348.96
900x754	15	80	845	70	110	17	11	40	2.31	C-E-D	£ 373.91
900x805	16	80	845	70	110	17	11	40	2.46	C-E-D	£ 398.03
900x856	17	80	845	70	110	17	11	40	2.62	C-E-D	£ 422.14
900x907	18	80	845	70	110	17	11	40	2.77	C-E-D	£ 446.26
900x958	19	80	845	70	110	17	11	40	2.92	C-E-D	£ 471.21
900x1009	20	80	845	70	110	17	11	40	3.08	C-E-D	£ 495.33
900x1060	21	80	845	70	110	17	11	40	3.23	C-E-D	£ 519.44
900x1111	22	80	845	70	110	17	11	40	3.39	C-E-D	£ 544.39
900x1162	23	80	845	70	110	17	11	40	3.54	C-E-D	£ 568.52
900x1213	24	80	845	70	110	17	11	40	3.69	C-E-D	£ 592.62
900x1264	25	80	845	70	110	17	11	40	3.85	C-E-D	£ 616.74
900x1315	26	80	845	70	110	17	11	40	4.00	C-E-D	£ 641.69
900x1366	27	80	845	70	110	17	11	40	4.16	C-E-D	£ 665.81
900x1417	28	80	845	70	110	17	11	40	4.31	C	£ 689.92
900x1468	29	80	845	70	110	17	11	40	4.46	C	£ 714.04
900x1519	30	80	845	70	110	17	11	40	4.62	C	£ 738.99
900x1570	31	80	845	70	110	17	11	40	4.77	C	£ 763.10
900x1621	32	80	845	70	110	17	11	40	4.93	C	£ 787.21
900x1672	33	80	845	70	110	17	11	40	5.08	C	£ 812.17
900x1723	34	80	845	70	110	17	11	40	5.23	C	£ 836.28
900x1774	35	80	845	70	110	17	11	40	5.39	C	£ 860.40
900x1825	36	80	845	70	110	17	11	40	5.54	C	£ 884.52
900x1876	37	80	845	70	110	17	11	40	5.70	C	£ 909.47
900x1927	38	80	845	70	110	17	11	40	5.85	C	£ 933.58
900x1978	39	80	845	70	110	17	11	40	6.00	C	£ 957.70
1000x295	6	80	945	70	110	17	11	40	1.01	C	£ 170.30
1000x346	7	80	945	70	110	17	11	40	1.18	C	£ 196.72
1000x397	8	80	945	70	110	17	11	40	1.35	C	£ 224.00
1000x448	9	80	945	70	110	17	11	40	1.51	C-E-D	£ 250.56
1000x499	10	80	945	70	110	17	11	40	1.68	C-E-D	£ 277.14
1000x550	11	80	945	70	110	17	11	40	1.85	C-E-D	£ 304.59
1000x601	12	80	945	70	110	17	11	40	2.02	C-E-D	£ 331.18
1000x652	13	80	945	70	110	17	11	40	2.19	C-E-D	£ 357.76
1000x703	14	80	945	70	110	17	11	40	2.35	C-E-D	£ 384.34
1000x754	15	80	945	70	110	17	11	40	2.52	C-E-D	£ 411.78
1000x805	16	80	945	70	110	17	11	40	2.69	C-E-D	£ 438.36
1000x856	17	80	945	70	110	17	11	40	2.86	C-E-D	£ 464.95
1000x907	18	80	945	70	110	17	11	40	3.03	C-E-D	£ 491.53
1000x958	19	80	945	70	110	17	11	40	3.20	C-E-D	£ 518.98
1000x1009	20	80	945	70	110	17	11	40	3.36	C-E-D	£ 545.56
1000x1060	21	80	945	70	110	17	11	40	3.53	C-E-D	£ 572.13
1000x1111	22	80	945	70	110	17	11	40	3.70	C-E-D	£ 599.59
1000x1162	23	80	945	70	110	17	11	40	3.87	C-E-D	£ 626.17
1000x1213	24	80	945	70	110	17	11	40	4.04	C-E-D	£ 652.75
1000x1264	25	80	945	70	110	17	11	40	4.21	C-E-D	£ 679.33
1000x1315	26	80	945	70	110	17	11	40	4.37	C-E-D	£ 706.77
1000x1366	27	80	945	70	110	17	11	40	4.54	C-E-D	£ 733.36
1000x1417	28	80	945	70	110	17	11	40	4.71	C	£ 759.94
1000x1468	29	80	945	70	110	17	11	40	4.88	C	£ 786.52
1000x1519	30	80	945	70	110	17	11	40	5.05	C	£ 813.97
1000x1570	31	80	945	70	110	17	11	40	5.22	C	£ 840.55
1000x1621	32	80	945	70	110	17	11	40	5.38	C	£ 867.13
1000x1672	33	80	945	70	110	17	11	40	5.55	C	£ 894.58
1000x1723	34	80	945	70	110	17	11	40	5.72	C	£ 921.16
1000x1774	35	80	945	70	110	17	11	40	5.89	C	£ 947.74
1000x1825	36	80	945	70	110	17	11	40	6.06	C	£ 974.32
1000x1876	37	80	945	70	110	17	11	40	6.23	C	£ 1001.78
1000x1927	38	80	945	70	110	17	11	40	6.39	C	£ 1028.35
1000x1978	39	80	945	70	110	17	11	40	6.56	C	£ 1054.93
1200x295	6	80	1145	70	110	17	11	40	1.18	C	£ 194.06
1200x346	7	80	1145	70	110	17	11	40	1.38	C	£ 224.29
1200x397	8	80	1145	70	110	17	11	40	1.57	C	£ 255.39
1200x448	9	80	1145	70	110	17	11	40	1.77	C-E-D	£ 285.78
1200x499	10	80	1145	70	110	17	11	40	1.97	C-E-D	£ 316.17
1200x550	11	80	1145	70	110	17	11	40	2.16	C-E-D	£ 347.44
1200x601	12	80	1145	70	110	17	11	40	2.36	C-E-D	£ 377.84
1200x652	13	80	1145	70	110	17	11	40	2.56	C-E-D	£ 408.23

HEAT OUTPUTS INFORMATION

Height x Width (H x W)	Heat Outputs ΔT 50 °C		Heat Outputs ΔT 60 °C	
mm	Watt	Btu	Watt	Btu
900x601	1003	3421	1304	4447
900x652	1087	3706	1413	4817
900x703	1170	3991	1521	5188
900x754	1254	4274	1630	5558
900x805	1337	4561	1739	5929
900x856	1421	4846	1847	6300
900x907	1505	5131	1956	6670
900x958	1588	5416	2065	7041
900x1009	1672	5701	2173	7411
900x1060	1755	5986	2282	7782
900x1111	1839	6271	2391	8152
900x1162	1923	6556	2499	8523
900x1213	2006	6841	2608	8893
900x1264	2090	7126	2717	9264
900x1315	2173	7411	2825	9635
900x1366	2257	7696	2934	10005
900x1417	2341	7981	3043	10376
900x1468	2424	8266	3151	10746
900x1519	2508	8551	3260	11117
900x1570	2591	8837	3369	11487
900x1621	2675	9122	3477	11858
900x1672	2759	9407	3586	12229
900x1723	2842	9692	3695	12599
900x1774	2926	9977	3803	12970
900x1825	3009	10262	3912	13340
900x1876	3093	10547	4021	13711
900x1927	3176	10832	4129	14081
900x1978	3260	11117	4238	14452
1000x295	545	1859	709	2417
1000x346	636	2169	827	2820
1000x397	727	2479	945	3223
1000x448	818	2789	1063	3626
1000x499	909	3099	1181	4028
1000x550	1000	3409	1299	4431
1000x601	1090	3719	1418	4834
1000x652	1181	4028	1536	5237
1000x703	1272	4338	1654	5640
1000x754	1363	4648	1772	6043
1000x805	1454	4958	1890	6445
1000x856	1545	5268	2008	6848
1000x907	1636	5578	2126	7251
1000x958	1727	5888	2245	7654
1000x1009	1817	6198	2363	8057
1000x1060	1908	6507	2481	8460
1000x1111	1999	6817	2599	8863
1000x1162	2090	7127	2717	9265
1000x1213	2181	7437	2835	9668
1000x1264	2272	7747	2953	10071
1000x1315	2363	8057	3072	10474
1000x1366	2454	8367	3190	10877
1000x1417	2544	8677	3308	11280
1000x1468	2635	8986	3426	11682
1000x1519	2726	9296	3544	12085
1000x1570	2817	9606	3662	12488
1000x1621	2908	9916	3780	12891
1000x1672	2999	10226	3898	13294
1000x1723	3090	10536	4017	13697
1000x1774	3181	10846	4135	14099
1000x1825	3271	11156	4253	14502
1000x1876	3362	11466	4371	14905
1000x1927	3453	11775	4489	15308
1000x1978	3544	12085	4607	15711
1200x295	626	2135	814	2775
1200x346	730	2491	949	3238
1200x397	835	2846	1085	3700
1200x448	939	3202	1221	4163
1200x499	1043	3558	1356	4625
1200x550	1148	3914	1492	5088
1200x601	1252	4270	1628	5550
1200x652	1356	4625	1763	6013

LOGISTICS INFORMATION

Net Weight	Gross Weight	Package Volume	Package Dimensions (H x W x D)
kg	kg	m³	mm
17.23	19.48	0.08	1010X648X122
18.67	21.03	0.09	1010X699X122
20.10	22.57	0.10	1010X750X122
21.54	24.12	0.10	1010X801X122
22.98	25.67	0.11	1010X852X122
24.42	27.22	0.12	1010X903X122
25.85	28.77	0.12	1010X954X122
27.29	30.32	0.13	1010X1005X122
28.73	31.86	0.14	1010X1056X122
30.17	33.41	0.14	1010X1107X122
31.60	34.95	0.15	1010X1158X122
33.04	36.50	0.15	1010X1209X122
34.47	38.04	0.16	1010X1260X122
35.91	39.59	0.17	1010X1311X122
37.35	41.15	0.17	1010X1362X122
38.79	42.70	0.18	1010X1413X122
40.23	44.25	0.19	1010X1464X122
41.66	45.79	0.19	1010X1515X122
43.09	47.34	0.20	1010X1566X122
44.53	48.88	0.20	1010X1617X122
45.97	50.43	0.21	1010X1668X122
47.41	51.98	0.22	1010X1719X122
48.85	53.53	0.22	1010X1770X122
50.28	55.06	0.23	1010X1821X122
51.72	56.62	0.24	1010X1872X122
53.16	58.17	0.24	1010X1923X122
54.59	59.71	0.25	1010X1974X122
56.03	61.26	0.25	1010X2025X122
9.47	11.16	0.05	1110X342X122
11.05	12.86	0.06	1110X393X122
12.63	14.56	0.07	1110X444X122
14.21	16.25	0.07	1110X495X122
15.80	17.97	0.08	1110X546X122
17.38	19.67	0.09	1110X597X122
18.95	21.37	0.09	1110X648X122
20.53	23.07	0.10	1110X699X122
22.12	24.78	0.11	1110X750X122
23.70	26.48	0.11	1110X801X122
25.28	28.18	0.12	1110X852X122
26.86	29.88	0.13	1110X903X122
28.44	31.57	0.13	1110X954X122
30.02	33.27	0.14	1110X1005X122
31.60	34.97	0.15	1110X1056X122
33.19	36.68	0.15	1110X1107X122
34.77	38.38	0.16	1110X1158X122
36.35	40.08	0.17	1110X1209X122
37.92	41.77	0.18	1110X1260X122
39.51	43.48	0.19	1110X1311X122
41.09	45.18	0.19	1110X1362X122
42.67	46.88	0.20	1110X1413X122
44.25	48.58	0.20	1110X1464X122
45.83	50.28	0.21	1110X1515X122
47.41	51.97	0.22	1110X1566X122
48.99	53.68	0.22	1110X1617X122
50.57	55.37	0.23	1110X1668X122
52.16	57.08	0.24	1110X1719X122
53.74	58.78	0.24	1110X1770X122
55.31	60.47	0.25	1110X1821X122
56.89	62.18	0.26	1110X1872X122
58.48	63.89	0.27	1110X1923X122
60.06	65.58	0.27	1110X1974X122
61.64	67.38	0.28	1110X2025X122
11.19	13.10	0.06	1310X342X122
13.06	15.11	0.07	1310X393X122
14.93	17.12	0.08	1310X444X122
16.80	19.13	0.08	1310X495X122
18.67	21.13	0.09	1310X546X122
20.54	23.15	0.10	1310X597X122
22.40	25.14	0.11	1310X648X122
24.27	27.14	0.12	1310X699X122

OPAL PLUS

TECHNICAL INFORMATION

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

Height x Width (H x W)	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	Prices Ex. Vat
mm	pieces	mm	mm	mm	mm	mm	mm	mm	L		
1200x703	14	80	1145	70	110	17	11	40	2.76	C-E-D	£ 438.63
1200x754	15	80	1145	70	110	17	11	40	2.95	C-E-D	£ 469.89
1200x805	16	80	1145	70	110	17	11	40	3.15	C-E-D	£ 500.30
1200x856	17	80	1145	70	110	17	11	40	3.35	C-E-D	£ 530.69
1200x907	18	80	1145	70	110	17	11	40	3.54	C-E-D	£ 561.09
1200x958	19	80	1145	70	110	17	11	40	3.74	C-E-D	£ 592.35
1200x1009	20	80	1145	70	110	17	11	40	3.94	C-E-D	£ 622.75
1200x1060	21	80	1145	70	110	17	11	40	4.13	C-E-D	£ 653.15
1200x1111	22	80	1145	70	110	17	11	40	4.33	C-E-D	£ 684.41
1200x1162	23	80	1145	70	110	17	11	40	4.53	C-E-D	£ 714.82
1200x1213	24	80	1145	70	110	17	11	40	4.72	C-E-D	£ 745.22
1200x1264	25	80	1145	70	110	17	11	40	4.92	C-E-D	£ 775.62
1200x1315	26	80	1145	70	110	17	11	40	5.12	C-E-D	£ 806.88
1200x1366	27	80	1145	70	110	17	11	40	5.31	C-E-D	£ 837.28
1400x295	6	80	1345	70	110	17	11	40	1.35	C	£ 213.80
1400x346	7	80	1345	70	110	17	11	40	1.58	C	£ 247.16
1400x397	8	80	1345	70	110	17	11	40	1.80	C	£ 281.40
1400x448	9	80	1345	70	110	17	11	40	2.03	C-E-D	£ 314.94
1400x499	10	80	1345	70	110	17	11	40	2.25	C-E-D	£ 348.48
1400x550	11	80	1345	70	110	17	11	40	2.48	C-E-D	£ 382.89
1400x601	12	80	1345	70	110	17	11	40	2.70	C-E-D	£ 416.44
1400x652	13	80	1345	70	110	17	11	40	2.93	C-E-D	£ 449.98
1400x703	14	80	1345	70	110	17	11	40	3.16	C-E-D	£ 483.52
1400x754	15	80	1345	70	110	17	11	40	3.38	C-E-D	£ 517.95
1400x805	16	80	1345	70	110	17	11	40	3.61	C-E-D	£ 551.48
1400x856	17	80	1345	70	110	17	11	40	3.83	C-E-D	£ 585.02
1400x907	18	80	1345	70	110	17	11	40	4.06	C-E-D	£ 618.57
1400x958	19	80	1345	70	110	17	11	40	4.28	C-E-D	£ 652.98
1400x1009	20	80	1345	70	110	17	11	40	4.51	C-E-D	£ 686.52
1400x1060	21	80	1345	70	110	17	11	40	4.73	C-E-D	£ 720.06
1400x1111	22	80	1345	70	110	17	11	40	4.96	C-E-D	£ 754.48
1400x1162	23	80	1345	70	110	17	11	40	5.19	C-E-D	£ 788.02
1400x1213	24	80	1345	70	110	17	11	40	5.41	C-E-D	£ 821.56
1400x1264	25	80	1345	70	110	17	11	40	5.64	C-E-D	£ 855.11
1400x1315	26	80	1345	70	110	17	11	40	5.86	C-E-D	£ 889.52
1400x1366	27	80	1345	70	110	17	11	40	6.09	C-E-D	£ 923.06
1600x295	6	80	1545	70	110	17	11	40	1.52	C	£ 250.35
1600x346	7	80	1545	70	110	17	11	40	1.78	C	£ 289.67
1600x397	8	80	1545	70	110	17	11	40	2.03	C	£ 329.84
1600x448	9	80	1545	70	110	17	11	40	2.29	C-E-D	£ 369.32
1600x499	10	80	1545	70	110	17	11	40	2.54	C-E-D	£ 408.80
1600x550	11	80	1545	70	110	17	11	40	2.79	C-E-D	£ 449.16
1600x601	12	80	1545	70	110	17	11	40	3.05	C-E-D	£ 488.65
1600x652	13	80	1545	70	110	17	11	40	3.30	C-E-D	£ 528.13
1600x703	14	80	1545	70	110	17	11	40	3.56	C-E-D	£ 567.62
1600x754	15	80	1545	70	110	17	11	40	3.81	C-E-D	£ 607.97
1600x805	16	80	1545	70	110	17	11	40	4.06	C-E-D	£ 647.46
1600x856	17	80	1545	70	110	17	11	40	4.32	C-E-D	£ 686.93
1600x907	18	80	1545	70	110	17	11	40	4.57	C-E-D	£ 726.43
1600x958	19	80	1545	70	110	17	11	40	4.83	C-E-D	£ 766.77
1600x1009	20	80	1545	70	110	17	11	40	5.08	C-E-D	£ 806.26
1800x295	6	80	1745	70	110	17	11	40	1.69	C	£ 276.15
1800x346	7	80	1745	70	110	17	11	40	1.98	C	£ 318.93
1800x397	8	80	1745	70	110	17	11	40	2.26	C	£ 362.59
1800x448	9	80	1745	70	110	17	11	40	2.54	C-E-D	£ 405.55
1800x499	10	80	1745	70	110	17	11	40	2.83	C-E-D	£ 448.52
1800x550	11	80	1745	70	110	17	11	40	3.11	C-E-D	£ 492.35
1800x601	12	80	1745	70	110	17	11	40	3.39	C-E-D	£ 535.31
1800x652	13	80	1745	70	110	17	11	40	3.67	C-E-D	£ 578.28
1800x703	14	80	1745	70	110	17	11	40	3.96	C-E-D	£ 621.25
1800x754	15	80	1745	70	110	17	11	40	4.24	C-E-D	£ 665.09
1800x805	16	80	1745	70	110	17	11	40	4.52	C-E-D	£ 708.06
1800x856	17	80	1745	70	110	17	11	40	4.80	C-E-D	£ 751.02
1800x907	18	80	1745	70	110	17	11	40	5.09	C-E-D	£ 793.98
1800x958	19	80	1745	70	110	17	11	40	5.37	C-E-D	£ 837.82
1800x1009	20	80	1745	70	110	17	11	40	5.65	C-E-D	£ 880.79
2000x295	6	80	1945	70	110	17	11	40	1.87	C	£ 291.82
2000x346	7	80	1945	70	110	17	11	40	2.18	C	£ 337.77
2000x397	8	80	1945	70	110	17	11	40	2.49	C	£ 384.57
2000x448	9	80	1945	70	110	17	11	40	2.80	C-E-D	£ 430.68

HEAT OUTPUTS INFORMATION

Height x Width (H x W)	Heat Outputs ΔT 50 °C		Heat Outputs ΔT 60 °C	
mm	Watt	Btu	Watt	Btu
1200x703	1461	4981	1899	6475
1200x754	1565	5337	2035	6938
1200x805	1669	5693	2170	7400
1200x856	1774	6048	2306	7863
1200x907	1878	6404	2442	8326
1200x958	1982	6760	2577	8788
1200x1009	2087	7116	2713	9251
1200x1060	2191	7472	2848	9713
1200x1111	2295	7827	2984	10176
1200x1162	2400	8183	3120	10638
1200x1213	2504	8539	3255	11101
1200x1264	2608	8895	3391	11563
1200x1315	2713	9251	3527	12026
1200x1366	2817	9606	3662	12488
1400x295	719	2451	934	3186
1400x346	839	2860	1090	3717
1400x397	958	3268	1246	4248
1400x448	1078	3677	1402	4780
1400x499	1198	4085	1557	5311
1400x550	1318	4494	1713	5842
1400x601	1438	4902	1869	6373
1400x652	1557	5311	2025	6904
1400x703	1677	5719	2180	7435
1400x754	1797	6128	2336	7966
1400x805	1917	6536	2492	8497
1400x856	2037	6945	2647	9028
1400x907	2156	7353	2803	9559
1400x958	2276	7762	2959	10090
1400x1009	2396	8170	3115	10621
1400x1060	2516	8579	3270	11152
1400x1111	2636	8987	3426	11683
1400x1162	2755	9396	3582	12214
1400x1213	2875	9804	3738	12745
1400x1264	2995	10213	3893	13276
1400x1315	3115	10621	4049	13807
1400x1366	3234	11030	4205	14339
1600x295	825	2814	1073	3658
1600x346	963	3283	1252	4268
1600x397	1100	3752	1430	4878
1600x448	1238	4221	1609	5488
1600x499	1375	4690	1788	6097
1600x550	1513	5159	1967	6707
1600x601	1651	5628	2146	7317
1600x652	1788	6097	2325	7927
1600x703	1926	6566	2503	8536
1600x754	2063	7035	2682	9146
1600x805	2201	7504	2861	9756
1600x856	2338	7974	3040	10366
1600x907	2476	8443	3219	10975
1600x958	2613	8912	3397	11585
1600x1009	2751	9381	3576	12195
1800x295	948	3231	1232	4200
1800x346	1105	3770	1437	4901
1800x397	1263	4308	1642	5601
1800x448	1421	4847	1848	6301
1800x499	1579	5385	2053	7001
1800x550	1737	5924	2258	7701
1800x601	1895	6462	2464	8401
1800x652	2053	7001	2669	9101
1800x703	2211	7539	2874	9801
1800x754	2369	8078	3080	10501
1800x805	2527	8616	3285	11201
1800x856	2685	9155	3490	11901
1800x907	2843	9693	3695	12601
1800x958	3001	10232	3901	13301
1800x1009	3158	10770	4106	14002
2000x295	1088	3710	1414	4823
2000x346	1269	4328	1650	5627
2000x397	1451	4946	1886	6430
2000x448	1632	5565	2121	7234

LOGISTICS INFORMATION

Net Weight	Gross Weight	Package Volume	Package Dimensions (H x W x D)
kg	kg	m³	mm
26.14	29.15	0.12	1310X750X122
28.01	31.16	0.13	1310X801X122
29.88	33.17	0.14	1310X852X122
31.75	35.17	0.15	1310X903X122
33.61	37.17	0.16	1310X954X122
35.48	39.18	0.17	1310X1005X122
37.35	41.19	0.17	1310X1056X122
39.22	43.20	0.18	1310X1107X122
41.10	45.21	0.19	131

OPAL PLUS

TECHNICAL INFORMATION

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

Height x Width (H x W)	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)	Wafer Volume	Fuel Type	Prices Ex. Vat
mm	pieces	mm	mm	mm	mm	mm	mm	mm	L		
2000x499	10	80	1945	70	110	17	11	40	3.11	C-E-D	£ 476.78
2000x550	11	80	1945	70	110	17	11	40	3.42	C-E-D	£ 523.76
2000x601	12	80	1945	70	110	17	11	40	3.73	C-E-D	£ 569.88
2000x652	13	80	1945	70	110	17	11	40	4.05	C-E-D	£ 615.99
2000x703	14	80	1945	70	110	17	11	40	4.36	C-E-D	£ 662.10
2000x754	15	80	1945	70	110	17	11	40	4.67	C-E-D	£ 709.08
2000x805	16	80	1945	70	110	17	11	40	4.98	C-E-D	£ 755.19
2000x856	17	80	1945	70	110	17	11	40	5.29	C-E-D	£ 801.32
2000x907	18	80	1945	70	110	17	11	40	5.60	C-E-D	£ 847.43
2000x958	19	80	1945	70	110	17	11	40	5.91	C-E-D	£ 894.41
2000x1009	20	80	1945	70	110	17	11	40	6.22	C-E-D	£ 940.52

HEAT OUTPUTS INFORMATION

Height x Width (H x W)	Heat Outputs ΔT 50 °C		Heat Outputs ΔT 60 °C	
	Watt	Btu	Watt	Btu
2000x499	1813	6183	2357	8038
2000x550	1995	6801	2593	8842
2000x601	2176	7420	2829	9646
2000x652	2357	8038	3064	10449
2000x703	2539	8656	3300	11253
2000x754	2720	9275	3536	12057
2000x805	2901	9893	3771	12861
2000x856	3082	10511	4007	13665
2000x907	3264	11130	4243	14468
2000x958	3445	11748	4479	15272
2000x1009	3626	12366	4714	16076

LOGISTICS INFORMATION

Net Weight	Gross Weight	Package Volume	Package Dimensions (H x W x D)
kg	kg	m³	mm
30.11	33.73	0.15	2110X546X122
33.13	36.96	0.16	2110X597X122
36.14	40.19	0.17	2110X648X122
39.15	43.41	0.18	2110X699X122
42.16	46.64	0.20	2110X750X122
45.17	49.86	0.21	2110X801X122
48.18	53.08	0.22	2110X852X122
51.20	56.32	0.24	2110X903X122
54.21	59.53	0.25	2110X954X122
57.22	62.75	0.26	2110X1005X122
60.23	65.97	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