

ROYAL DOUBLE 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	
5040104102180800	780 x 220	3	52	745	70-96	106-132	44-70	4	70	0.46	C
5040104102920800	780 x 290	4	52	745	70-96	106-132	44-70	4	70	0.61	C
5040104103660800	780 x 370	5	52	745	70-96	106-132	44-70	4	70	0.77	C-E-D
5040104104400800	780 x 440	6	52	745	70-96	106-132	44-70	4	70	0.92	C-E-D
5040104105140800	780 x 510	7	52	745	70-96	106-132	44-70	4	70	1.07	C-E-D
5040104105880800	780 x 590	8	52	745	70-96	106-132	44-70	4	70	1.22	C-E-D
5040104106420800	780 x 660	9	52	745	70-96	106-132	44-70	4	70	1.38	C-E-D
5040104102180900	880 x 220	3	52	845	70-96	106-132	44-70	4	70	0.50	C
5040104102920900	880 x 290	4	52	845	70-96	106-132	44-70	4	70	0.67	C
5040104103660900	880 x 370	5	52	845	70-96	106-132	44-70	4	70	0.84	C-E-D
5040104104400900	880 x 440	6	52	845	70-96	106-132	44-70	4	70	1.00	C-E-D
5040104105140900	880 x 510	7	52	845	70-96	106-132	44-70	4	70	1.17	C-E-D
5040104105880900	880 x 590	8	52	845	70-96	106-132	44-70	4	70	1.34	C-E-D
5040104106420900	880 x 660	9	52	845	70-96	106-132	44-70	4	70	1.51	C-E-D
5040104102181000	980 x 220	3	52	945	70-96	106-132	44-70	4	70	0.55	C
5040104102921000	980 x 290	4	52	945	70-96	106-132	44-70	4	70	0.73	C
5040104103661000	980 x 370	5	52	945	70-96	106-132	44-70	4	70	0.91	C-E-D
5040104104401000	980 x 440	6	52	945	70-96	106-132	44-70	4	70	1.09	C-E-D
5040104105141000	980 x 510	7	52	945	70-96	106-132	44-70	4	70	1.27	C-E-D
5040104105881000	980 x 590	8	52	945	70-96	106-132	44-70	4	70	1.45	C-E-D
5040104106421000	980 x 660	9	52	945	70-96	106-132	44-70	4	70	1.63	C-E-D
5040104102181100	1080 x 220	3	52	1045	70-96	106-132	44-70	4	70	0.59	C
5040104102921100	1080 x 290	4	52	1045	70-96	106-132	44-70	4	70	0.79	C
5040104103661100	1080 x 370	5	52	1045	70-96	106-132	44-70	4	70	0.98	C-E-D
5040104104401100	1080 x 440	6	52	1045	70-96	106-132	44-70	4	70	1.18	C-E-D
5040104105141100	1080 x 510	7	52	1045	70-96	106-132	44-70	4	70	1.37	C-E-D
5040104105881100	1080 x 590	8	52	1045	70-96	106-132	44-70	4	70	1.57	C-E-D
5040104106421100	1080 x 660	9	52	1045	70-96	106-132	44-70	4	70	1.76	C-E-D
5040104102181200	1180 x 220	3	52	1145	70-96	106-132	44-70	4	70	0.63	C
5040104102921200	1180 x 290	4	52	1145	70-96	106-132	44-70	4	70	0.84	C
5040104103661200	1180 x 370	5	52	1145	70-96	106-132	44-70	4	70	1.05	C-E-D
5040104104401200	1180 x 440	6	52	1145	70-96	106-132	44-70	4	70	1.26	C-E-D
5040104105141200	1180 x 510	7	52	1145	70-96	106-132	44-70	4	70	1.47	C-E-D
5040104105881200	1180 x 590	8	52	1145	70-96	106-132	44-70	4	70	1.68	C-E-D
5040104106421200	1180 x 660	9	52	1145	70-96	106-132	44-70	4	70	1.89	C-E-D
5040104102181300	1280 x 220	3	52	1245	70-96	106-132	44-70	4	70	0.68	C
5040104102921300	1280 x 290	4	52	1245	70-96	106-132	44-70	4	70	0.90	C
5040104103661300	1280 x 370	5	52	1245	70-96	106-132	44-70	4	70	1.12	C-E-D
5040104104401300	1280 x 440	6	52	1245	70-96	106-132	44-70	4	70	1.35	C-E-D
5040104105141300	1280 x 510	7	52	1245	70-96	106-132	44-70	4	70	1.57	C-E-D
5040104105881300	1280 x 590	8	52	1245	70-96	106-132	44-70	4	70	1.80	C-E-D
5040104106421300	1280 x 660	9	52	1245	70-96	106-132	44-70	4	70	2.02	C-E-D
5040104102181400	1380 x 220	3	52	1345	70-96	106-132	44-70	4	70	0.72	C
5040104102921400	1380 x 290	4	52	1345	70-96	106-132	44-70	4	70	0.96	C
5040104103661400	1380 x 370	5	52	1345	70-96	106-132	44-70	4	70	1.20	C-E-D
5040104104401400	1380 x 440	6	52	1345	70-96	106-132	44-70	4	70	1.43	C-E-D
5040104105141400	1380 x 510	7	52	1345	70-96	106-132	44-70	4	70	1.67	C-E-D
5040104105881400	1380 x 590	8	52	1345	70-96	106-132	44-70	4	70	1.91	C-E-D
5040104106421400	1380 x 660	9	52	1345	70-96	106-132	44-70	4	70	2.15	C-E-D
5040104102181500	1480 x 220	3	52	1445	70-96	106-132	44-70	4	70	0.76	C
5040104102921500	1480 x 290	4	52	1445	70-96	106-132	44-70	4	70	1.01	C
5040104103661500	1480 x 370	5	52	1445	70-96	106-132	44-70	4	70	1.27	C-E-D
5040104104401500	1480 x 440	6	52	1445	70-96	106-132	44-70	4	70	1.52	C-E-D
5040104105141500	1480 x 510	7	52	1445	70-96	106-132	44-70	4	70	1.77	C-E-D
5040104105881500	1480 x 590	8	52	1445	70-96	106-132	44-70	4	70	2.03	C-E-D
5040104106421500	1480 x 660	9	52	1445	70-96	106-132	44-70	4	70	2.28	C-E-D
5040104102181600	1580 x 220	3	52	1545	70-96	106-132	44-70	4	70	0.80	C
5040104102921600	1580 x 290	4	52	1545	70-96	106-132	44-70	4	70	1.07	C
5040104103661600	1580 x 370	5	52	1545	70-96	106-132	44-70	4	70	1.34	C-E-D
5040104104401600	1580 x 440	6	52	1545	70-96	106-132	44-70	4	70	1.61	C-E-D
5040104105141600	1580 x 510	7	52	1545	70-96	106-132	44-70	4	70	1.87	C-E-D
5040104105881600	1580 x 590	8	52	1545	70-96	106-132	44-70	4	70	2.14	C-E-D
5040104106421600	1580 x 660	9	52	1545	70-96	106-132	44-70	4	70	2.41	C-E-D
5040104102181700	1680 x 220	3	52	1645	70-96	106-132	44-70	4	70	0.85	C
5040104102921700	1680 x 290	4	52	1645	70-96	106-132	44-70	4	70	1.13	C
5040104103661700	1680 x 370	5	52	1645	70-96	106-132	44-70	4	70	1.41	C-E-D
5040104104401700	1680 x 440	6	52	1645	70-96	106-132	44-70	4	70	1.69	C-E-D
5040104105141700	1680 x 510	7	52	1645	70-96	106-132	44-70	4	70	1.97	C-E-D
5040104105881700	1680 x 590	8	52	1645	70-96	106-132	44-70	4	70	2.25	C-E-D
5040104106421700	1680 x 660	9	52	1645	70-96	106-132	44-70	4	70	2.54	C-E-D
5040104102181800	1780 x 220	3	52	1745	70-96	106-132	44-70	4	70	0.89	C
5040104102921800	1780 x 290	4	52	1745	70-96	106-132	44-70	4	70	1.19	C
5040104103661800	1780 x 370	5	52	1745	70-96	106-132	44-70	4	70	1.48	C-E-D
5040104104401800	1780 x 440	6	52	1745	70-96	106-132	44-70	4	70	1.78	C-E-D
5040104105141800	1780 x 510	7	52	1745	70-96	106-132	44-70	4	70	2.07	C-E-D
5040104105881800	1780 x 590	8	52	1745	70-96	106-132	44-70	4	70	2.37	C-E-D
5040104106421800	1780 x 660	9	52	1745	70-96	106-132	44-70	4	70	2.66	C-E-D

HEAT OUTPUTS INFORMATION

MODEL CODE	Heat Outputs ΔT 50 °C		Heat Outputs ΔT 60 °C	
	Watt	Btu	Watt	Btu
5040104102180800	249	849	324	1103
5040104102920800	332	1132	431	1471
5040104103660800	415	1415	539	1839
5040104104400800	498	1697	647	2207
5040104105140800	581	1980	755	2574
5040104105880800	664	2263	863	2942
5040104106420800	747	2546	971	3310
5040104102180900	274	934	356	1214
5040104102920900	365	1246	475	1619
5040104103660900	457	1557	594	2024
5040104104400900	548	1868	712	2429
5040104105140900	639	2180	831	2834
5040104105880900	731	2491	950	3239
5040104106420900	822	2803	1068	3643
5040104102181000	298	1016	387	1320
5040104102921000	397	1354	516	1760
5040104103661000	496	1693	645	2200
5040104104401000	596	2031	774	2640
5040104105141000	695	2370	903	3081
5040104105881000	794	2708	1032	3521
5040104106421000	893	3047	1161	3961
5040104102181100	324	1104	421	1435
5040104102921100	432	1472	561	1914
5040104103661100	540	1840	701	2392
5040104104401100	648	2208	842	2870
5040104105141100	755	2576	982	3349
5040104105881100	863	2944	1122	3827
5040104106421100	971	3312	1263	4306
5040104102181200	342	1166	445	1516
5040104102921200	456	1555	593	2021
5040104103661200	570	1943	741	2526
5040104104401200	684	2332	889	3032
5040104105141200	798	2721	1037	3537
5040104105881200	912	3109	1185	4042
5040104106421200	1026	3498	1334	4548
5040104102181300	372	1268	483	1648
5040104102921300	496	1690	644	2197
5040104103661300	620	2113	805	2746
5040104104401300	743	2535	967	3296
5040104105141300	867	2958	1128	3845
5040104105881300	991	3380	1289	4394
5040104106421300	1115	3803	1450	4944
5040104102181400	393	1339	510	1740

ROYAL DOUBLE 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	

SX

✓

ZX

x

YP

x

YL

x

AX

✓

P3

✓

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	Wat1	Btu	Wat1	Btu

LOGISTICS INFORMATION

Net Weight	Gross Weight	Package Volume	Package Dimensions (H x W x D)
kg	kg	m³	mm

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