

Ratings & Data
of
Discontinued
AMERICAN-Standard
Boilers & Radiators



Units Manufactured From
1898 to 1956

FOREWORD

-- Boilers prior to 1925, but including the Ideal Arco Round Boiler (1925 - 1929), Ideal Type "A" Boiler (1925), and Ideal Yonda Sectional and Smokeless Boilers (1925), were rated on the basis of gross output with allowance for piping loss.

The Ideal Assembled Sectional Boiler (1924) was rated in a different manner, with Recommended Load including piping shown in Sq. Ft. E.D.R. This constitutes the dividing Line between "Gross Output" ratings with allowance for piping loss and current "Net Installed Radiation" ratings which include allowances for normal piping (covered) and Pick up loads and for heating domestic hot water when not more than two bathrooms are to be served, or if the use of domestic hot water does not exceed 75 gallons in 24 hours.

In replacing any boiler, the actual heating requirements of the installation should first be determined, since, as has been pointed out, printed ratings have varied from time to time with changes in Boiler Manufacturers' methods of rating their products; whether on new or replacement work, the chief consideration is that "Sufficient Radiation must be installed for the Requirements of the Building". If, because of additional loads placed on the boiler since its installation, it is of insufficient size to take care of the job, it is now even more important that the replacement be correctly sized in accordance with present-day standards to insure satisfaction.

IDEAL SECTIONAL BOILER (1898 - 1906)
30" & 40"

Boiler No.	Rating	STEAM	Rating	HOT WATER	Grate Area Sq. Ft.	Water Line Inches
		*Load Inc. Piping		*Load Inc. Piping		
502 or 512	225	188	375	313	1.2	43
602 or 612	300	250	500	420	1.5	43
702 or 712	375	314	625	520	1.8	43
084 or 184	375	314	625	520	2.25	44
085 or 185	500	420	825	690	3.00	44
086 or 186	625	520	1025	855	3.75	44
087 or 187	750	630	1250	1045	4.50	44
088 or 188	900	750	1250	1045	5.25	44
045 or 245	900	750	1500	1250	5.00	50
046 or 246	1100	920	1825	1520	6.00	50
047 or 247	1300	1090	2150	1790	7.1	50
048 or 248	1500	1250	2475	2060	8.2	50
049 or 249	1700	1420	2775	2320	10.0	50
050 or 250	1900	1590	3100	2590	7.1	50
051 or 251	2100	1750	3450	2880	8.2	50
602 or 62	1000	835	1650	1380	6.2	58
603 or 63	1200	1000	2000	1670	6.2	58
604 or 64	1400	1170	2350	1960	7.5	58
605 or 65	1600	1340	2700	2260	8.7	58
606 or 66	1800	1500	3050	2550	10.1	58
703 or 73	2000	1670	3500	2920	10.1	58
704 or 74	2300	1920	4000	3340	12.1	58
705 or 75	2600	2170	4500	3760	14.1	58
706 or 76	2800	2340	5000	4180	16.1	58

IDEAL PORTABLE ROUND (1898 - 1906)

103 or 14	300	250	400	334	1.97	41
104 or 15	350	292	450	376	1.97	46-1/2
203 or 24	400	334	550	460	2.4	42
204 or 25	450	376	625	522	2.4	48-1/4
205 or 26	500	418	675	565	2.4	54-1/2
303 or 35	550	460	875	730	3.4	43-1/2
304 or 36	600	500	975	815	3.4	50-1/4
305 or 37	650	544	1100	920	3.4	57
403 or 45	850	710	1400	1170	4.9	45
404 or 46	1000	835	1600	1340	4.9	52
405 or 47	1100	920	1700	1420	4.9	59
504 or 46	1300	1085	2000	1670	7.1	53
505 or 57	1500	1252	2250	1880	7.1	61
506 or 58	1700	1420	2400	2000	7.1	69
13			350	292	1.97	
34			775	647	3.4	
44			1200	1000	4.9	
55			1775	1480	7.1	

IDEAL JUNIOR BOILER (1898 - 1908)

201	175	146			1.22	46
301	250	209			1.76	46
302	300	250			1.76	50
1500 or 1501	300	250	500	420	1.22	48-1/4
1600 or 1601	340	284	600	500	1.22	52-1/4
1800 or 1801	525	440	875	730	1.76	48-3/8
1900 or 1901	575	480	900	750	1.76	52-3/8

*The highest ratings listed are taken. An allowance for piping has been made on these loads.

IDEAL INVINCIBLE BOILER (1898 - 1908)

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Boiler No.	Rating	STEAM	Rating	HOT WATER	Grate Area Sq. Ft.	Inches
		*Load Inc. Piping		*Load Inc. Piping		
16	350	250	550	395	1.4	38-1/2
18	500	360	800	570	1.76	39-3/4
20	650	465	1050	750	2.18	41
120			375	268	1.97	
113 or 130	225	161	425	304	1.97	41
114	275	197			1.97	46-1/2
223 or 230	325	232	600	430	2.4	42
224 or 240	375	268	675	485	2.4	48-1/4
225	425	304			2.4	54-1/2
333 or 330	475	340	850	610	3.4	43-1/2
334 or 340	545	390	1000	715	3.4	50-1/4
335	615	440			3.4	57
443 or 430	800	570	1250	895	4.9	45
444 or 440	900	645	1500	1070	4.9	52
445 or 450	1000	715	1650	1180	4.9	59
554 or 530	1150	820	1825	1300	7.1	53
555 or 540	1350	965	2150	1540	7.1	61
556 or 550	1500	1070	2400	1720	7.1	69

IDEAL PREMIER ROUND BOILER (1900 - 1908) (HARD COAL)

A or C-015 or 152	225	188	375	313	1.23	49-1/2
A or C-018 or 182	300	250	500	418	1.77	52-1/2
A or C-019 or 183	375	313	600	500	1.77	57
A or C-020 or 211	400	334	660	550	2.4	47-1/2
A or C-021 or 212	450	376	750	625	2.4	53
A or C-022 or 213	500	418	825	690	2.4	58-1/2
A or C-024 or 241	550	460	900	750	3.14	49
A or C-025 or 242	610	510	1000	835	3.14	54
A or C-026 or 243	670	560	1100	920	3.14	59-1/2
A or C-027 or 281	850	710	1400	1170	4.3	51
A or C-028 or 282	925	770	1525	1275	4.3	57-1/4
A or C-029 or 283	1000	835	1650	1380	4.3	63-3/4
A or C-031 or 321	1100	920	1825	1525	5.6	53-1/4
A or C-032 or 322	1200	1000	2000	1670	5.6	60
A or C-033 or 323	1300	1085	2150	1795	5.6	66-1/4

IDEAL PREMIER ROUND BOILER (SOFT COAL) (1900 - 1906)

B or D-015 or 152	200	167	325	270	1.23	49-1/4
B or D-018 or 182	250	209	400	334	1.77	52-1/2
B or D-021 or 212	400	334	650	542	2.4	53
B or D-022 or 213	450	375	750	625	2.4	58-1/4
B or D-025 or 242	500	418	825	690	3.14	54
B or D-026 or 243	600	500	1000	835	3.14	59-1/2
B or D-028 or 282	800	670	1325	1105	4.27	57-1/4
B or D-029 or 283	900	750	1500	1250	4.27	63-3/4
B or D-032 or 322	1050	875	1725	1440	5.6	60
B or D-033 or 323	1200	1000	2000	1670	5.6	66-1/4

*The highest ratings listed are taken. An allowance for piping has been made on these loads.

IDEAL SECTIONAL BOILER (1900 - 1904)

Boiler No.	Rating	STEAM	Rating	HOT WATER	Sq. Ft.	Water line Inches
		*Load Inc. Piping		*Load Inc. Piping		
065 or 365	1800	1500	3000	2500	8.0	61
066 or 366	2250	1880	3700	3100	10.0	61
067 or 367	2700	2260	4450	3720	12.0	61
068 or 368	3150	2630	5200	4350	14.0	61
069 or 369	3600	3000	5950	4970	16.0	61
0610 or 3610	3250	2720	5350	4460	14.0	61
0611 or 3611	3600	3000	5925	4925	16.0	61
0612 or 3612	3950	3300	6500	5420	16.0	61
0613 or 3613	4300	3600	7075	5900	16.0	61

IDEAL STANDARD WATER BOILER (1904 - 1909)

15-1-W	400	334	1.06
15-2-W	425	355	1.06
17-3-W	500	420	1.40
17-4-W	550	460	1.40
17-5-W	600	500	1.40
19-3-W	750	625	1.76
19-4-W	825	690	1.76
19-5-W	900	750	1.76
22-3-W	875	730	2.40
22-4-W	950	795	2.40
22-5-W	1025	855	2.40
25-3-W	1250	1040	3.44
25-4-W	1350	1130	3.44
25-5-W	1425	1190	3.44
28-3-W	1500	1250	4.12
28-4-W	1600	1340	4.12
28-5-W	1700	1420	4.12
31-3-W	1750	1460	4.90
31-4-W	1950	1630	4.90
31-5-W	2050	1710	4.90
34-3-W	2350	1960	5.94
34-4-W	2500	2090	5.94
34-5-W	2650	2210	5.94

ACME FIRE BOX BOILER (1904 - 1914)

1	900	835	1400	1300	4.3	51
2	1000	925	1600	1480	5.3	51
3	1200	1110	1900	1760	6.3	51
4	1400	1300	2200	2040	6.7	56
5	1700	1570	2700	2500	8.0	56
6	2100	1940	3400	3150	9.2	56
7	2200	2040	3500	3240	9.5	61
8	2500	2320	4000	3700	11.0	61
9	2900	2680	4600	4250	12.5	61
10	3200	2960	5100	4720	13.0	66
11	3800	3520	6100	5650	14.7	66
12	4400	4070	7000	6500	16.4	66
13	4900	4540	7800	7210	18.6	68
14	5800	5360	9300	8600	20.6	68

IDEAL RETURN FLUE PORTABLE STEEL BOILER (1904)

1200	1200	1110	2000	1850	7.5	67
1500	1500	1390	2475	2290	9.0	67
1800	1800	1670	2975	2750	9.0	67
2100	2100	1940	3475	3220	12.0	67
2600	2600	2400	4300	3980	12.2	77
3000	3000	2780	4950	4580	14.0	77
3500	3500	3240	5775	5350	15.7	77
4500	4500	4160	7425	6850	17.5	77

*The highest ratings listed are taken. An allowance for piping has been made on these loads.

IDEAL COKE BOILER (1904 - 1906)

Boiler No.	Rating	STEAM	Rating	HOT WATER	Grate Area Sq. Ft.	Inches
		*Load Inc. Piping		*Load Inc. Piping		
S or W-2-4	225	188	375	313	1.05	45-1/2
S or W-2-5	300	250	500	418	1.46	45-1/2
S or W-2-6	375	313	625	522	1.82	45-1/2
S or W-2-7	450	376	750	625	2.18	45-1/2
S or W-3-5	500	418	825	690	2.1	47
S or W-3-6	600	500	1000	835	2.6	47
S or W-3-7	700	585	1150	960	3.1	47
S or W-4-5	800	670	1325	1105	3.4	57-1/2
S or W-4-6	1000	835	1650	1380	4.3	57-1/2
S or W-4-7	1200	1000	2000	1670	5.1	57-1/2
S or W-5-5	1400	1170	2325	1940	5.0	64
S or W-5-6	1700	1420	2800	2340	6.2	64
S or W-5-7	2000	1670	3300	2760	7.5	64
S or W-5-8	2300	1920	3800	3170	8.8	64
S or W-5-9	2600	2170	4300	3600	10.0	64

IDEAL PERFECTION BOILER (1905)

T-30-S or W	250	179	400	246	1.2	42
T-33-S or W	325	232	525	376	1.6	43-1/4
T-38-S or W	385	275	635	455	2.0	43-1/2
T-44-S or W	535	383	680	486	2.6	45-3/8
T-50-S or W	700	500	1155	825	3.4	45-3/4
T-56-S or W	900	645	1485	1060	4.3	46-3/8
T-62-S or W	1125	805	1860	1330	5.2	46-5/8
T-68-S or W	1375	985	2270	1620	6.3	46-7/8

**IDEAL ARCO ROUND BOILER (SOFT COAL) (1906 - 1909)

1-19-S or W	275	229	450	375	1.76	45-1/2
1-22-S or W	400	332	650	540	2.40	49
1-25-S or W	500	415	825	685	3.14	49-1/4
1-28-S or W	800	665	1325	1100	4.12	50
1-31-S or W	1000	835	1650	1375	4.90	52-1/2
1-34-S or W	1250	1040	2075	1730	5.94	54-3/4

**Equipped with First Pattern Arco Base

**IDEAL ARCO ROUND BOILER (SOFT COAL) (1906 - 1909)

2-19-S or W	350	292	575	480	1.76	50
3-19-S or W	400	332	650	540	1.76	54-1/2
2-22-S or W	525	437	875	730	2.40	53-1/2
3-22-S or W	575	480	950	790	2.40	56-7/8
2-25-S or W	625	520	1025	850	3.14	54-1/4
3-25-S or W	700	582	1150	955	3.14	59-1/4
2-28-S or W	900	750	1500	1250	4.12	56
3-28-S or W	1000	835	1650	1370	4.12	61-3/4
2-31-S or W	1275	1060	2100	1750	4.90	57-1/4
3-31-S or W	1400	1165	2325	1940	4.90	63-1/4
2-34-S or W	1500	1250	2475	2060	5.94	59-3/8
3-34-S or W	1650	1370	2725	2280	5.94	65-1/2

**Equipped with First Pattern Arco Base

*The highest ratings listed are taken. An allowance for piping has been made on these loads.

IDEAL SECTIONAL BOILER (1904 - 1925)

Boiler No.	Rating	*Load Inc. Piping	Rating	*Load Inc. Piping	Grate Area Sq. Ft.	Water Line Inches
S or W-36-5	2100	1640	3450	2700	9.12	60-3/4
S or W-36-6	2625	2050	4325	3380	11.4	60-3/4
S or W-36-7	3150	2460	5200	4050	13.7	60-3/4
S or W-36-8	3675	2860	6050	4720	16.0	60-3/4
S or W-36-9	4200	3280	6925	5440	18.2	60-3/4
1904 - 1906						
S or W-30-5	1275	1000	2100	1640	8.9	60-1/2
S or W-30-6	1625	1270	2675	2080	10.9	60-1/2
S or W-30-7	1975	1540	3250	2540	12.8	60-1/2
S or W-30-8	2325	1820	3825	2980	14.7	60-1/2
1904 - 1925						
S or W-28-5	1300	1015	2150	1680	6.24	53-3/8
S or W-28-6	1625	1270	2675	2080	7.80	53-3/8
S or W-28-7	1950	1520	3200	2500	9.36	53-3/8
S or W-28-8	2275	1780	3725	2900	10.92	53-3/8
1909 - 1925						
S or W-25-5	1100	860	1825	1420	5.44	51
S or W-25-6	1350	1055	2225	1740	6.80	51
S or W-25-7	1600	1250	2650	2065	8.16	51
S or W-25-8	1850	1440	3050	2380	9.52	51
1904 - 1925						
S or W-22-5	800	625	1300	1015	4.08	46-1/4
S or W-22-6	1000	780	1650	1290	5.10	46-1/4
S or W-22-7	1200	935	2000	1560	6.12	46-1/4
S or W-22-8	1400	1090	2350	1830	8.00	46-1/4
1904 - 1906						
S or W-21-5	800	625	1325	1035	4.1	50
S or W-21-6	1000	780	1650	1290	5.1	50
S or W-21-7	1200	935	2000	1560	6.1	50
1909 - 1925						
S or W-19-5	600	470	1000	780	3.32	43-3/8
S or W-19-6	750	585	1250	975	4.15	43-3/8
S or W-19-7	900	700	1500	1170	4.98	43-3/8
1906 - 1920						
S or W-15-4	300	234	500	390	1.95	40-7/8
S or W-15-5	425	332	700	545	2.60	40-7/8
S or W-15-6	550	430	900	700	3.25	40-7/8
S or W-15-7	675	525	1100	860	4.9	40-7/8
S or W-15-8	800	625	1300	1015	5.7	40-7/8

*The highest ratings listed are taken. An allowance for piping has been made on these loads.

IDEAL SECTIONAL BOILER (1906 - 1922)

Boiler No.	Rating	STEAM	Rating	HOT WATER	Grate Area Sq. Ft.	Water Line Inches
		*Load Inc. Piping		*Load Inc. Piping		
S or T-48-6	5275	4400			18.00	72
S or T-48-7	6300	5260			21.60	72
S or T-48-8	7325	6100			25.20	72
S or T-48-9	8350	6960			28.80	72
S or T-48-10	9375	7820			32.40	72
T-48-11	10,400	8700			25.20	72
T-48-12	11,425	9550			25.20	72
W-48-6						
T-48-60			8700	7250	18.0	
W-48-7						
W-48-70			10,375	8650	21.60	
W-48-8						
T-48-80			12,050	10,070	25.20	
W-48-9						
W-48-90			13,725	11,500	28.80	
W-48-10						
W-48-100			15,400	12,900	32.40	
T-48-110			17,075	14,250	25.20	
T-48-120			18,750	15,650	25.20	

IDEAL CYLINDRICAL STEEL BOILER (1906 - 1914)

1200	1200	1110	2000	1850	8.75	58
1500	1500	1390	2500	2310	8.75	58
1800	1800	1660	3000	2780	8.75	58
2200	2200	2040	3600	3325	12.0	61-1/2
2600	2600	2400	4300	3980	12.0	61-1/2
3000	3000	2760	5000	4620	14.0	61-1/2
3600	3600	3325	6000	5550	16.0	61-1/2
4500	4500	4155	7500	6840	18.0	61-1/2

IDEAL PREMIER BOILER (1908 - 1909)

1015 or 1115	175	146	300	250	1.21	40-1/2
2015 or 2115	200	167	325	270	1.21	44-1/2
3015 or 3115	225	188	350	292	1.21	48-1/2
1018 or 1118	275	230	450	375	1.76	43-1/4
2018 or 2118	300	250	500	418	1.76	47-1/2
3018 or 3118	325	270	550	460	1.76	51-3/4
1021 or 1121	400	334	600	500	2.4	44-1/2
2021 or 2121	425	355	650	542	2.4	49
3021 or 3121	450	375	700	585	2.4	53-1/2
4021 or 4121	475	396	750	625	2.4	58-1/8
1024 or 1124	525	438	875	730	3.14	45-1/2
2024 or 2124	575	480	950	792	3.14	50-1/4
3024 or 3124	625	522	1025	855	3.14	55
4024 or 4124	650	542	1075	900	3.14	59-9/16
1027 or 1127	750	625	1250	1042	3.9	46-3/8
2027 or 2127	800	670	1325	1105	3.9	51-5/16
3027 or 3127	850	710	1400	1170	3.9	56-1/4
4027 or 4127	900	750	1475	1230	3.9	61-3/16

*The highest ratings listed are taken. An allowance for piping has been made on these loads.

**IDEAL ARCO ROUND BOILER (1909 - 1924)

Boiler No.	STEAM		HOT WATER		Grate Area Sq. Ft.	Water Line Inches
	Rating	*Load Inc. Piping	Rating	*Load Inc. Piping		
3-19-S or W	385	300	635	495	1.76	40-7/8
3-20-S or W	450	352	740	576	2.23	41-9/16
3-22-S or W	535	418	880	685	2.40	42-1/4
3-23-S or W	610	475	1000	780	2.91	41-5/16
3-25-S or W	700	546	1155	900	3.14	42-3/4
3-28-S or W	900	705	1485	1160	4.12	44
3-32-S or W	1125	880	1860	1450	4.90	45-5/8
3-34-S or W	1375	1070	2270	1770	5.94	46-3/8
4-19-S or W	410	320	675	527	1.76	45-1/2
4-20-S or W	480	375	790	615	2.23	46-1/8
4-22-S or W	570	445	940	735	2.40	47
4-23-S or W	650	506	1065	830	2.91	46-5/8
4-25-S or W	750	585	1240	965	3.14	47-7/8
4-28-S or W	965	752	1590	1240	4.12	49-1/4
4-31-S or W	1200	935	1980	1540	4.90	51
4-34-S or W	1465	1140	2415	1880	5.94	52
5-19-S or W	430	336	710	554	1.76	50
5-20-S or W	500	390	825	642	2.23	50-3/4
5-22-S or W	600	470	990	770	2.40	51-1/2
5-23-S or W	685	535	1130	880	2.91	51-3/8
5-25-S or W	800	625	1320	1030	3.14	52-1/2
5-28-S or W	1025	800	1690	1320	4.12	54-1/4
5-31-S or W	1275	995	2100	1640	4.90	56-1/4
5-34-S or W	1550	1210	2555	1990	5.94	57-1/2
6-19-S or W	450	352	740	577	1.76	54-5/8
6-20-S or W	520	406	860	670	2.23	55-5/16
6-22-S or W	630	492	1040	810	2.40	56-1/4
6-23-S or W	715	558	1180	920	2.91	56-1/8
6-25-S or W	835	650	1375	1070	3.14	57-5/8
6-28-S or W	1070	835	1765	1380	4.12	50-1/2
6-31-S or W	1330	1040	2195	1710	4.90	61-5/8
6-34-S or W	1615	1260	2665	2080	5.94	63-1/8

**Equipped with Second and Third Pattern Arco Bases

IDEAL DOWNDRAFT SMOKELESS BOILER (1913 - 1920)

364-S or W	1500	1250	2450	2050	54-1/2
374-S or W	1800	1505	2950	2460	54-1/2
384-S or W	2100	1755	3450	2880	54-1/2
394-S or W	2400	2005	3950	3300	54-1/2
3104-S or W	2700	2260	4450	3720	54-1/2
468-S or W	3000	2505	4800	4000	61
478-S or W	3500	2920	5600	4680	61
488-S or W	4000	3340	6400	5350	61
498-S or W	4500	3760	7200	6000	61
4108-S or W	5000	4180	8000	6700	61
4118-S or W	5500	4600	8800	7350	61
4128-S or W	6000	5000	9600	8000	61
670-S or W	6300	5260	10,000	8350	72
680-S or W	7200	6000	11,500	9600	72
690-S or W	8100	6760	13,000	10,850	72
6100-S or W	9000	7500	14,500	12,100	72
6110-S or W	9900	8260	16,000	13,370	72
6120-S or W	10,800	9000	17,500	14,600	72
974-S or W	8750	7300	14,000	11,700	72
984-S or W	10,000	8350	16,000	13,370	72
994-S or W	11,250	9400	18,000	15,000	72
9104-S or W	12,500	10,430	20,000	16,700	72
9114-S or W	13,750	11,500	22,000	18,400	72
9124-S or W	15,000	12,520	24,000	20,000	72

*The highest ratings listed are taken. An allowance for piping has been made on these loads.

IDEAL TYPE "A" BOILER (1920 - 1925)

Boiler No.	Rating	STEAM	Rating	HOT WATER	Grate Area Sq. Ft.	Water Line Inches
		*Load Inc. Piping		*Load Inc. Piping		
1-A-4 or 40	450	338	750	562	1.9	35
1-A-5 or 50	600	450	1000	750	2.5	35
1-A-6 or 60	750	562	1250	935	3.1	35
1-A-7 or 70	900	675	1500	1125	3.7	35

IDEAL TYPE "A" BOILER (1920 - 1922)

2-A-5 or 50	1100	825	1800	1350	4.0	43
2-A-6 or 60	1400	1050	2300	1730	5.0	43
2-A-7 or 70	1700	1275	2800	2100	6.0	43
2-A-8 or 80	2000	1500	3300	2480	7.0	43
2-A-9 or 90	2300	1730	3800	2850	8.0	43

1920 - 1922

3-A-5 or 50	2600	1950	4400	3300	8.0	49
3-A-6 or 60	3250	2440	5500	4225	10.0	49
3-A-7 or 70	3900	2920	6600	4950	12.0	49
3-A-8 or 80	4550	3420	7700	5780	14.0	49
3-A-9 or 90	5200	3900	8800	6600	16.0	49
3-A-10 or 100	5850	4400	9900	7420	18.0	49
3-A-11 or 110	6500	4880	11,000	8250	20.0	49

IDEAL TYPE 'C' BOILER (1920)

1-C-4 or 40	675	526	1050	820		36
1-C-5 or 50	900	700	1400	1090		36
1-C-6 or 60	1125	875	1750	1365		36
1-C-7 or 70	1350	1050	2100	1640		36
1-C-8 or 80	1575	1230	2450	1910		36
1-C-9 or 90	1800	1400	2800	2180		36
1-C-10 or 100	2025	1580	3150	2460		36

IDEAL WATER TUBE BOILER (1922)

S-or W-23-T-5	600	442	975	716	2.72	44-1/2
S-or W-23-T-6	750	552	1200	882	3.36	44-1/2
S-or W-23-T-7	900	662	1425	1050	4.00	44-1/2
S-or W-23-T-8	1050	772	1650	1210	4.64	44-1/2
S-23-T-9	1200	882			5.28	44-1/2
S-23-T-10	1350	992			5.92	44-1/2
S-23-T-11	1500	1102			6.56	44-1/2
W-23-T-90			1875	1380	5.28	
W-23-T-100			2100	1540	5.92	
W-23-T-110			2325	1710	6.56	
S-29-T-5	1200	882			4.84	52-3/4
S-29-T-6	1500	1102			6.05	52-3/4
S-29-T-7	1800	1320			7.26	52-3/4
S-29-T-8	2100	1540			8.47	52-3/4
S-29-T-9	2400	1770			9.68	52-3/4
S-29-T-10	2700	1980			10.89	52-3/4
S-29-T-11	3000	2200			12.10	52-3/4
W-29-T-5			1920	1410	4.84	
W-29-T-6			2400	1765	6.05	
W-29-T-7 or 70			2880	2120	7.26	
W-29-T-8 or 80			3360	2470	8.47	
W-29-T-9 or 90			3840	2820	9.68	
W-29-T-10 or 100			4320	3180	10.89	
W-29-T-110			4800	3525	12.10	

*The highest ratings listed are taken. An allowance for piping has been made on these loads.

IDEAL WATER TUBE BOILER (1922)

Boiler No.	Rating	STEAM	Rating	HOT WATER	Grate Area Sq. Ft.	Water Line Inches
		*Load Inc. Piping		*Load Inc. Piping		
S-36-T-5	1750	1365			6.0	58
S-36-T-6	2200	1720			7.5	58
S-36-T-7	2650	2070			9.0	58
S-36-T-8	3100	2420			10.5	58
S-36-T-9	3550	2770			12.0	58
S-36-T-10	4000	3120			13.5	58
S-36-T-11	4450	3470			15.0	58
S-36-T-12	4900	3820			16.5	58
W-36-T-5			2875	2240	6.0	
W-36-T-6			3600	2800	7.5	
W-36-T-7			4325	3380	9.0	
W-36-T-8 or 80			5050	3940	10.5	
W-36-T-9 or 90			5775	4500	12.0	
W-36-T-10 or 100			6500	5070	13.5	
W-36-T-11 or 110			7225	5650	15.0	
W-36-T-12 or 120			7950	6200	16.5	

IDEAL WATER TUBE BOILER (1922)

S or W-79-T-7	8400	7020	13,440	11,200	22.96	67
S or W-79-T-8	9600	8010	15,360	12,810	26.24	67
S or W-79-T-9	10,800	9000	17,280	14,400	29.52	67
S or W-79-T-10	12,000	10,000	19,200	16,000	32.80	67
S or W-79-T-11	13,200	11,000	21,120	17,600	27.88	67
S or W-79-T-12	14,400	12,000	23,040	19,300	31.16	67
S or W-79-T-13	15,600	13,000	24,960	20,800	31.16	67
S or W-79-T-14	16,800	14,000	26,880	22,420	34.44	67
S or W-79-T-15	18,000	15,000	28,800	24,020	34.44	67
S or W-79-T-16	19,200	16,000	30,720	25,600	37.72	67
S or W-79-T-17	20,400	17,000	32,640	27,200	37.72	67

IDEAL ARCO ROUND BOILER (1925 - 1929)

S or W-1724	400	200	675	338	1.4	48-1/2
S or W-1744	450	225	750	375	1.4	50
S or W-1924	550	275	925	463	1.9	46-1/2
S or W-1944	600	300	1000	500	1.9	48
S or W-2024	675	330	1125	562	2.2	47-1/2
S or W-2044	725	362	1200	600	2.2	49
S or W-2224	825	412	1375	688	2.6	48-1/2
S or W-2244	875	437	1450	725	2.6	50
S or W-2524	1025	512	1700	850	3.5	49-1/2
S or W-2544	1100	550	1825	912	3.5	51
S or W-2824	1300	650	2150	1075	4.4	50-1/2
S or W-2844	1400	700	2350	1175	4.4	52
S or W-3104	1500	750	2475	1240	5.3	51
S or W-3124	1600	800	2650	1325	5.3	52-1/2
S or W-3144	1700	850	2825	1413	5.3	54
S or W-3105	1600	800	2650	1325	5.3	56
S or W-3106	1700	850	2825	1413	5.3	62

*The highest ratings listed are taken. An allowance for piping has been made on these loads.

IDEAL TYPE 'A' BOILER (1925)

Boiler No.	Rating	STEAM	Rating	HOT WATER	Grate Area Sq. Ft.	Water Line Inches
		*Load Inc. Piping		*Load Inc. Piping		
S or W-2204-A	1000	625	1600	1000	2.76	50
S or W-2205-A	1250	780	2000	1250	3.68	50
S or W-2206-A	1500	935	2400	1500	4.60	50
S or W-2207-A	1750	1095	2800	1750	5.52	50
S or W-2208-A	2000	1250	3200	2000	6.44	50
S or W-2209-A	2250	1410	3600	2250	7.36	50
S or W-3205-A	2500	1516	4000	2500	6.22	56-3/4
S or W-3206-A	3000	1870	4800	3000	7.77	56-3/4
S or W-3207-A	3500	2185	5600	3500	9.32	56-3/4
S or W-3208-A	4000	2500	6400	4000	10.87	56-3/4
S or W-3209-A	4500	2810	7200	4500	12.42	56-3/4
S or W-3210-A	5000	3120	8000	5000	13.97	56-3/4
S or W-3211-A	5500	3400	8800	5500	15.52	56-3/4
S or W-3212-A	6000	3750	9600	6000	17.07	56-3/4

IDEAL YONDA SECTIONAL BOILER (1925)

S or W-1814	540	306	900	510	1.94	48
S or W-1824	600	340	1000	566	2.12	48
S or W-1834	660	374	1100	623	2.3	48
S or W-1844	720	407	1200	680	2.47	48
S or W-1815	780	442	1300	735	2.65	48
S or W-1825	840	475	1400	791	2.83	48
S or W-1835	900	510	1500	850	3.01	48
S or W-1845	960	545	1600	905	3.18	48
S or W-1816	1020	576	1700	965	3.36	48
S or W-1826	1080	611	1800	1020	3.54	48
S or W-1836	1140	645	1900	1075	3.71	48
S or W-1846	1200	680	2000	1132	3.89	48
S or W-1817	1260	715	2100	1190	4.07	48
S or W-1827	1320	748	2200	1248	4.24	48
S or W-1837	1380	782	2300	1300	4.42	48
S or W-1847	1440	815	2400	1360	4.60	48
S or W-1818	1500	850	2500	1415	4.77	48
S or W-1828	1560	885	2600	1470	4.95	48
S or W-1838	1620	916	2700	1530	5.13	48
S or W-1848	1680	952	2800	1590	5.31	48

IDEAL YONDA SMOKELESS BOILER (1925)

S or W-1815-S	780	442	1300	735	2.65	48
S or W-1825-S	840	475	1400	791	2.83	48
S or W-1835-S	900	510	1500	850	3.01	48
S or W-1845-S	960	545	1600	905	3.18	48
S or W-1816-S	1020	576	1700	965	3.36	48
S or W-1826-S	1080	611	1800	1020	3.54	48
S or W-1836-S	1140	645	1900	1075	3.71	48
S or W-1846-S	1200	680	2000	1132	3.89	48
S or W-1817-S	1260	715	2100	1190	4.07	48
S or W-1827-S	1320	748	2200	1248	4.24	48
S or W-1837-S	1380	782	2300	1300	4.42	48
S or W-1847-S	1440	815	2400	1360	4.6	48
S or W-1818-S	1500	850	2500	1415	4.77	48
S or W-1828-S	1560	885	2600	1470	4.95	48
S or W-1838-S	1620	916	2700	1530	5.13	48
S or W-1848-S	1680	952	2800	1590	5.31	48
S or W-1819-S	1740	990	2900	1640	5.49	48
S or W-1829-S	1800	1020	3000	1700	5.67	48
S or W-1839-S	1860	1052	3100	1760	5.85	48
S or W-1849-S	1920	1088	3200	1810	6.02	48
S or W-1810-S	1980	1120	3300	1870	6.20	48
S or W-1820-S	2040	1156	3400	1930	6.37	48
S or W-1830-S	2100	1190	3500	1980	6.55	48
S or W-1840-S	2160	1225	3600	2040	6.73	48

*The highest ratings listed are taken. An allowance for piping has been made on these loads.

IDEAL ASSEMBLED SECTIONAL BOILER (1924)

Boiler No.	Recommended Load-Sq. Ft. E.D.R.		Grate Area Sq. Ft.	Floor Area Occupied Inches	Water Line Ins.	Base Height Inches	Chimney	
	Steam	Water					Size Inches	Height Feet
S or W-1204	225	375	.81	17 x 13-1/2	39-1/4	None	8 x 8	25
S or W-1205	300	500	1.08	17 x 17	39-1/4	"	8 x 8	25
S or W-1206	375	625	1.35	17 x 20-1/2	39-1/4	"	8 x 8	30
S or W-1207	450	750	1.62	17 x 24	39-1/4	"	8 x 8	30
S or W-1208	525	875	1.89	17 x 27-1/2	39-1/4	"	8 x 8	35

*Recommended Load represents attached load - including piping - which may be placed on boiler in accordance with accepted installation standards for economical operation.

IDEAL ARCO SECTIONAL BOILER (1923 - 1924)

Boiler No.	**Installed Radiation Sq. Ft.		Grate Area Sq. Ft.	Floor Area Occupied Inches	Water Line Inches	Base Height Inches	Chimney	
	Steam	Water					Size Inches	Height Feet
S or W-1814	480	800	1.77	27-1/2 x 21-3/4	43	None	8 x 8	35
S or W-1824	540	900	1.94	27-1/2 x 23-1/4	43	"	8 x 8	35
S or W-1834	600	1000	2.12	27-1/2 x 24-3/4	43	"	8 x 8	35
S or W-1844	660	1100	2.30	27-1/2 x 26-1/4	43	"	8 x 8	35
S or W-1815	720	1200	2.47	27-1/2 x 27-3/4	43	"	10 x 10	35
S or W-1825	780	1300	2.65	27-1/2 x 29-1/4	43	"	10 x 10	35
S or W-1835	840	1400	2.83	27-1/2 x 30-3/4	43	"	10 x 10	35
S or W-1845	900	1500	3.01	27-1/2 x 32-1/4	43	"	10 x 10	35
S or W-1816	960	1600	3.18	27-1/2 x 33-3/4	43	"	10 x 10	35
S or W-1826	1020	1700	3.36	27-1/2 x 35-1/4	43	"	10 x 10	35
S or W-1836	1080	1800	3.54	27-1/2 x 36-3/4	43	"	10 x 10	40
S or W-1846	1140	1900	3.71	27-1/2 x 38-1/4	43	"	10 x 10	40
S or W-1817	1200	2000	3.89	27-1/2 x 39-3/4	43	"	10 x 10	40
S or W-1827	1260	2100	4.07	27-1/2 x 41-1/4	43	"	12 x 12	40
S or W-1837	1320	2200	4.24	27-1/2 x 42-3/4	43	"	12 x 12	45
S or W-1847	1380	2300	4.42	27-1/2 x 44-1/4	43	"	12 x 12	45
S or W-1818	1440	2400	4.60	27-1/2 x 45-3/4	43	"	12 x 12	45
S or W-1828	1500	2500	4.77	27-1/2 x 47-1/4	43	"	12 x 12	45
S or W-1838	1560	2600	4.95	27-1/2 x 48-3/4	43	"	12 x 12	45
S or W-1848	1620	2700	5.13	27-1/2 x 50-1/4	43	"	12 x 12	45

IDEAL ARCOFLASH BOILER (1928 - 1932)

Boiler No.	**Installed Radiation Sq. Ft.		Grate Area Sq. Ft.	Floor Area Occupied Inches	Water Line Inches	Base Height Inches	Chimney	
	Steam	Water					Height Inches	Height Feet
S or W-18	250	400	1.77	26-1/2 Dia.	38-5/8	11-1/2	8 x 8	30
S or W-20	300	480	2.18	28-1/2 "	38-5/8	11-1/2	8 x 8	30
S or W-22	350	560	2.65	31-1/4 "	38-5/8	11-1/2	8 x 8	35
S or W-24	450	720	3.14	33-1/4 "	38-5/8	11-1/2	8 x 8	35

**These ratings represent the maximum net loads (240 Btu per sq. ft. steam and 150 Btu per sq. ft. hot water) that may be connected to the boiler. Allowances have been made in these ratings for normal piping (covered) and pick-up loads and for heating domestic hot water when not more than two bathrooms are to be served, or if the use of domestic hot water does not exceed 75 gallons in 24 hours.

Boiler No.	**Installed Radiation Sq. Ft.	Grate Area Sq. Ft.	Firing Rate Lbs. Per Hour	Firing Rate Lbs. Per Hour	Floor Area Occupied Inches	Fire Box Dimensions Inches Width Length	Water Line Ins.	Base Height Ins.	Height Floor to Center of Crown Ins.	Chimney Size Inches	Chimney Height Feet
"T" Type - Anthracite Coal (Hand Fired)											
S or W-23-T-5	400	640	2.72		31-3/4 x 21	23 x 16-1/2	44-1/2	None	30	8 x 8	30
S or W-23-T-6	500	800	3.36		31-3/4 x 25	23 x 20-1/2	44-1/2	"	30	8 x 12	30
S or W-23-T-7	600	960	4.00		31-3/4 x 29	23 x 24-1/2	44-1/2	"	30	8 x 12	35
S or W-23-T-8	700	1120	4.64		31-3/4 x 23	23 x 28-1/2	44-1/2	"	30	8 x 12	35
S or W-23-T-9	800	1280	5.28		31-3/4 x 37	23 x 32-1/2	44-1/2	"	30	12 x 12	40

Coal (Hand Fired)

S or W-2305	400	640	2.72		31-3/4 x 21	23 x 16-1/2	44-1/2	"	30	8 x 12	30
S or W-2306	500	800	3.36		31-3/4 x 25	23 x 20-1/2	44-1/2	"	30	8 x 12	35
S or W-2307	600	960	4.00		31-3/4 x 29	23 x 24-1/2	44-1/2	"	30	8 x 12	35
S or W-2308	700	1120	4.64		31-3/4 x 33	23 x 28-1/2	44-1/2	"	30	8 x 12	35
S or W-2309	800	1280	5.28		31-3/4 x 37	23 x 32-1/2	44-1/2	"	30	8 x 12	40
S or W-2310	900	1440	5.92		31-3/4 x 41	23 x 36-1/2	44-1/2	"	30	12 x 12	40

Oil Fired

S or W-0623	650	1040	16.5		31-3/4 x 25	23 x 20-1/2	44-1/2	"	30	8 x 8	30
S or W-0723	770	1230	19.3		31-3/4 x 29	23 x 24-1/2	44-1/2	"	30	8 x 8	30
S or W-0823	910	1450	22.9		31-3/4 x 33	23 x 28-1/2	44-1/2	"	30	8 x 12	30
S or W-0923	1050	1680	25.8		31-3/4 x 37	23 x 32-1/2	44-1/2	"	30	8 x 12	35
S or W-1023	1190	1905	28.6		31-3/4 x 41	23 x 36-1/2	44-1/2	"	30	8 x 12	35

*Minimum Burner Capacity-Lbs. Oil Per Hour, based on oil of 19,700 Btu per pound.

Stoker Fired

SC or WC-23-T-6	650	1040		26	31-3/4 x 25	23 x 20-1/2	44-1/2	"	30	8 x 8	30
SC or WC-23-T-7	770	1230		30	31-3/4 x 29	23 x 24-1/2	44-1/2	"	30	8 x 8	30
SC or WC-23-T-8	910	1455		35	31-3/4 x 33	23 x 28-1/2	44-1/2	"	30	8 x 12	30
SC or WC-23-T-9	1050	1680		41	31-3/4 x 37	23 x 32-1/2	44-1/2	"	30	8 x 12	35
SC or WC-23-T-10	1190	1905		46	31-3/4 x 41	23 x 36-1/2	44-1/2	"	30	8 x 12	35
SC or WC-23-T-11	1330	2130		51	31-3/4 x 45	23 x 40-1/2	44-1/2	"	30	12 x 12	35

NO. 29 (29 INCH) IDEAL WATER TUBE BOILER (1923 - 1947)

"T" Type - Anthracite Coal (Hand Fired)

S or W-29-T-5	800	1280	4.84		38-1/2 x 30	29 x 23-1/2	52-3/4	"	33	12 x 12	35
S or W-29-T-6	1000	1600	6.05		38-1/2 x 36	29 x 29-1/2	52-3/4	"	33	12 x 12	35
S or W-29-T-7	1200	1920	7.26		38-1/2 x 42	29 x 35-1/2	52-3/4	"	33	12 x 16	40
S or W-29-T-8	1400	2240	8.47		38-1/2 x 48	29 x 41-1/2	52-3/4	"	33	12 x 16	45

Coal (Hand Fired)

S or W-2905	800	1280	4.84		38-1/2 x 30	29 x 23-1/2	52-3/4	"	33	12 x 16	35
S or W-2906	1000	1600	6.05		38-1/2 x 36	29 x 29-1/2	52-3/4	"	33	12 x 16	40
S or W-2907	1200	1920	7.26		38-1/2 x 42	29 x 35-1/2	52-3/4	"	33	16 x 16	40
S or W-2908	1400	2240	8.47		38-1/2 x 48	29 x 41-1/2	52-3/4	"	33	16 x 16	45
S or W-2909	1600	2560	9.68		38-1/2 x 54	29 x 47-1/2	52-3/4	"	33	16 x 20	50
S or W-2910	1800	2880	10.89		38-1/2 x 60	29 x 53-1/2	52-3/4	"	33	16 x 20	55
S or W-2911	2000	3200	12.10		38-1/2 x 66	29 x 59-1/2	52-3/4	"	33	20 x 20	60

**These ratings represent the maximum net loads (240 Btu per sq. ft. steam and 150 Btu per sq. ft. hot water) that may be connected to the boiler. Allowances have been made in these ratings for normal piping (covered) and pick-up loads and for heating domestic hot water when not more than two bathrooms are to be served, or if the use of domestic hot water does not exceed 75 gallons in 24 hours.

NO. 36 (36 INCH) IDEAL WATER TUBE BOILER (1923 - 1947)

Boiler No.	**Installed Radiation Sq. Ft.		Grate Area Sq. Ft.	Floor Area Occupied Inches	Fire Box Dimensions Inches Width Length	Water Line Ins.	Base Height Ins.	Height Floor to Center of Crown Sheet Inches	Chimney Size Inches	Height Feet
"T" Type - Anthracite Coal (Hand Fired)										
S or W-36-T-6	1600	2560	7.50	50-1/4 x 36	36 x 29-1/2	57	12-1/4	38-1/2	16 x 20	45
S or W-36-T-7	2000	3200	9.00	50-1/4 x 42	36 x 35-1/2	57	12-1/4	38-1/2	16 x 20	50
S or W-36-T-8	2400	3840	10.50	50-1/4 x 48	36 x 41-1/2	57	12-1/4	38-1/2	20 x 20	50
S or W-36-T-9	2800	4480	12.00	50-1/4 x 54	36 x 47-1/2	57	12-1/4	38-1/2	20 x 20	55
S or W-36-T-10	3200	5120	13.50	50-1/4 x 60	36 x 53-1/2	57	12-1/4	38-1/2	20 x 20	55
S or W-36-T-11	3600	5760	15.00	50-1/4 x 66	36 x 59-1/2	57	12-1/4	38-1/2	20 x 20	60
S or W-36-T-12	4000	6400	16.50	50-1/4 x 72	36 x 65-1/2	57	12-1/4	38-1/2	20 x 24	60
S or W-36-T-13	4400	7040	18.00	50-1/4 x 78	36 x 71-1/2	57	12-1/4	38-1/2	20 x 24	65
Coal (Hand Fired)										
S or W-3606	1600	2560	7.50	50-1/4 x 36	36 x 29-1/2	57	12-1/4	38-1/2	16 x 20	45
S or W-3607	2000	3200	9.00	50-1/4 x 42	36 x 35-1/2	57	12-1/4	38-1/2	16 x 20	50
S or W-3608	2400	3840	10.50	50-1/4 x 48	36 x 41-1/2	57	12-1/4	38-1/2	20 x 20	50
S or W-3609	2800	4480	12.00	50-1/4 x 54	36 x 47-1/2	57	12-1/4	38-1/2	20 x 20	55
S or W-3610	3200	5120	13.50	50-1/4 x 60	36 x 53-1/2	57	12-1/4	38-1/2	20 x 20	55
S or W-3611	3600	5760	15.00	50-1/4 x 66	36 x 59-1/2	57	12-1/4	38-1/2	20 x 20	60
S or W-3612	4000	6400	16.50	50-1/4 x 72	36 x 65-1/2	57	12-1/4	38-1/2	20 x 24	60
S or W-3613	4400	7040	18.00	50-1/4 x 78	36 x 71-1/2	57	12-1/4	38-1/2	20 x 24	65
S or W-3614	4800	7680	19.50	50-1/4 x 84	36 x 77-1/2	57	12-1/4	38-1/2	20 x 24	70
S or W-3615	5200	8320	21.00	50-1/4 x 90	36 x 83-1/2	57	12-1/4	38-1/2	24 x 24	75

NO. 36 WATER TUBE BOILER (1923 - 1956)

Boiler No.	** Installed Radiation Sq. Ft.		Floor Area Occupied Inches	Firing Rate Lbs. Coal or Gals. Oil Per Hour	Water Line Inches	Base Height Inches	Height Floor to Center of Crown Sheet Inches	Chimney Size Inches	Chimney Height Feet
	Steam	Water							
Oil Fired									
S or W-0736	2350	3915	50 x 42	7.6	57	12-3/8	38-1/2	16 x 16	30
S or W-0836	2800	4600	50 x 48	8.9	57	12-3/8	38-1/2	16 x 16	35
S or W-0936	3250	5280	50 x 54	10.2	57	12-3/8	38-1/2	16 x 20	40
S or W-1036	3700	5945	50 x 60	11.4	57	12-3/8	38-1/2	16 x 20	50
S or W-1136	4150	6640	50 x 66	12.6	57	12-3/8	38-1/2	16 x 20	55
S or W-1236	4600	7360	50 x 72	13.8	57	12-3/8	38-1/2	20 x 20	60
Stoker Fired									
SC or WC-36-T-6	1900	3210	50 x 36	71	57	12-3/8	38-1/2	12 x 16	25
SC or WC-36-T-7	2350	3915	50 x 42	86	57	12-3/8	38-1/2	16 x 16	30
SC or WC-36-T-8	2800	4600	50 x 48	101	57	12-3/8	38-1/2	16 x 16	35
SC or WC-36-T-9	3250	5280	50 x 54	116	57	12-3/8	38-1/2	16 x 20	40
SC or WC-36-T-10	3700	5945	50 x 60	131	57	12-3/8	38-1/2	16 x 20	50
SC or WC-36-T-11	4150	6640	50 x 66	145	57	12-3/8	38-1/2	16 x 20	55
SC or WC-36-T-12	4600	7360	50 x 72	160	57	12-3/8	38-1/2	20 x 20	60

*For Smoke Hood add 11-1/2".

**These ratings represent the maximum net loads (240 Btu per sq. ft. steam and 150 Btu per sq. ft. hot water) that may be connected to the boiler. Allowances have been made in these ratings for normal piping (covered) and pick-up loads and for heating domestic hot water when not more than two bathrooms are to be served, or if the use of domestic hot water does not exceed 75 gallons in 24 hours.

NO. 48 (48 INCH) IDEAL WATER TUBE BOILER (1923 - 1945)

Boiler No.	**Installed Radiation		Grate Area Sq.Ft.	Firing Rate Lbs.Per Hour	Firing Rate Lbs.Per Hour	Floor Area Occupied Inches	Fire Box Dimensions Inches		Water Line Ins.	Base Height Ins.	Height Floor to Center of Crown Sheet Inches	Chimney	
	Sq.Ft.	Steam Water					Width	Length				Size Inches	Height Feet
Coal (Hand Fired)													
S or W-4807	6000	9600	21.60			58-3/8 x 68-1/2	48 x 64	69	14-1/2	37-3/4	24 x 24	70	
S or W-4808	7000	11200	25.20			58-3/8 x 79-1/4	48 x 74-3/4	69	14-1/2	37-3/4	24 x 24	75	
S or W-4809	7600	12160	25.20			58-3/8 x 90	48 x 85-1/2	69	14-1/2	37-3/4	24 x 28	80	
S or W-4810	8400	13440	28.80			58-3/8 x 100-3/4	48 x 96-1/4	69	14-1/2	37-3/4	24 x 28	85	
S or W-4811	9000	14400	28.80			58-3/8 x 111-1/2	48 x 107	69	14-1/2	37-3/4	28 x 28	95	
S or W-4812	9600	15360	28.80			58-3/8 x 122-1/4	48 x 117-3/4	69	14-1/2	37-3/4	28 x 28	100	
S or W-4813	10400	16640	32.40			58-3/8 x 133	48 x 128-1/2	69	14-1/2	37-3/4	28 x 32	105	
S or W-4814	11000	17600	32.40			58-3/8 x 143-3/4	48 x 139-1/4	69	14-1/2	37-3/4	28 x 32	110	
Oil Fired													
S or W-4808-0	4965	7945		119.1		58-3/8 x 79-1/4	48 x 74-3/4	69	14-1/2	37-3/4	20 x 24	60	
S or W-4809-0	5645	9035		136.0		58-3/8 x 90	48 x 85-1/2	69	14-1/2	37-3/4	20 x 24	65	
S or W-4810-0	6330	10130		152.0		58-3/8 x 100-3/4	48 x 96-1/4	69	14-1/2	37-3/4	24 x 24	70	
S or W-4811-0	7020	11230		169.0		58-3/8 x 111-1/2	48 x 107	69	14-1/2	37-3/4	24 x 24	75	
S or W-4812-0	7700	12320		185.0		58-3/8 x 122-1/4	48 x 117-3/4	69	14-1/2	37-3/4	24 x 24	80	
S or W-4813-0	8380	13410		201.5		58-3/8 x 133	48 x 128-1/2	69	14-1/2	37-3/4	24 x 28	85	
S or W-4814-0	9080	14530		218.4		58-3/8 x 143-3/4	48 x 139-1/4	69	14-1/2	37-3/4	24 x 28	90	
Stoker Fired													
SC or WC-4807	4000	6400		158		58-3/8 x 68-1/2	48 x 64	69	14-1/2	37-3/4	20 x 24	60	
SC or WC-4808	4965	7945		196		58-3/8 x 79-1/4	48 x 74-3/4	69	14-1/2	37-3/4	20 x 24	60	
SC or WC-4809	5645	9035		223		58-3/8 x 90	48 x 85-1/2	69	14-1/2	37-3/4	20 x 24	65	
SC or WC-4810	6330	10130		250		58-3/8 x 100-3/4	48 x 96-1/4	69	14-1/2	37-3/4	24 x 24	70	
SC or WC-4811	7020	11230		278		58-3/8 x 111-1/2	48 x 107	69	14-1/2	37-3/4	24 x 24	75	
SC or WC-4812	7700	12320		306		58-3/8 x 122-1/4	48 x 117-3/4	69	14-1/2	37-3/4	24 x 24	80	
SC or WC-4813	8380	13410		331		58-3/8 x 133	48 x 128-1/2	69	14-1/2	37-3/4	24 x 28	85	
SC or WC-4814	9080	14530		359		58-3/8 x 143-3/4	48 x 139-1/4	69	14-1/2	37-3/4	24 x 28	90	

NO. 79 (79 INCH) IDEAL WATER TUBE BOILER (1923 - 1942)

Boiler No.	**Installed Radiation Sq.Ft.	Grate Area Sq.Ft.	Firing Rate Lbs.Per Hour	Firing Rate Lbs.Per Hour	Floor Area Occupied Inches	Fire Box Dimensions Inches Width Length	Water Line Ins.	Base Height Ins.	Height Floor to Center of Crown Sheet Inches	Chimney Size Inches	Chimney Height Feet
Coal (Hand Fired)											
S or W-7909	7000	11200	21.9		98-1/2 x 60	78-3/4 x 53-1/2	67	None	41	24 x 28	85
S or W-7910	8500	13600	24.9		98-1/2 x 66	78-3/4 x 59-1/2	67	"	41	24 x 28	90
S or W-7911	9500	15200	28.0		98-1/2 x 72	78-3/4 x 65-1/2	67	"	41	24 x 28	95
S or W-7912	11000	17600	31.1		98-1/2 x 78	78-3/4 x 71-1/2	67	"	41	28 x 28	100
S or W-7913	12000	19200	34.2		98-1/2 x 84	78-3/4 x 77-1/2	67	"	41	30 x 30	105
S or W-7914	13000	20800	37.3		98-1/2 x 90	78-3/4 x 83-1/2	67	"	41	30 x 36	110
S or W-7915	14000	22400	34.2		98-1/2 x 96	78-3/4 x 89-1/2	67	"	41	30 x 36	115
S or W-7916	15000	25600	34.2		98-1/2 x 102	78-3/4 x 95-1/2	67	"	41	36 x 36	120
S or W-7917	16000	25600	37.3		98-1/2 x 108	78-3/4 x 101-1/2	67	"	41	36 x 36	125

**These ratings represent the maximum net loads (240 Btu per sq. ft. steam and 150 per sq. ft. hot water) that may be connected to the boiler. Allowances have been made in these ratings for normal piping (covered) and pick-up loads and for heating domestic hot water when not more than two bathrooms are to be served or if the use of domestic hot water does not exceed 75 gallons in 24 hours.

** Minimum Coal Burning Capacity - Lbs. Per Hour, based on coal of 12,500 Btu per pound.

*** Minimum Burner Capacity - Lbs. Oil Per Hour, based on oil of 19,700 Btu per pound.

NO. 79 (79 INCH) IDEAL WATER TUBE BOILER (1923 - 1942) - CONTINUED

Boiler No.	**Installed		Firing Rate Lbs.Per Hour	Firing Rate Lbs.Per Hour	Floor Area Occupied Inches	Fire Box Dimensions Inches Width Length		Water Line Ins.	Base Height Ins.	Height Floor to Center of Crown		Chimney	
	Radiation Sq.Ft.	Grate Area Sq.Ft.				Sheet Inches	Size Inches			Height Feet			
	Steam	Water											
Oil or Stoker Fired													
***			*	**									
S or W-7909-0	7295	11675	175.0	288	98-1/2 x 60	78-3/4 x 53-1/2	67	None	41	24 x 24	80		
S or W-7910-0	8115	12985	195.0	321	98-1/2 x 66	78-3/4 x 59-1/2	67	"	41	24 x 24	85		
S or W-7911-0	8935	14295	214.0	352	98-1/2 x 72	78-3/4 x 65-1/2	67	"	41	24 x 28	90		
S or W-7912-0	9765	15625	234.0	386	98-1/2 x 78	78-3/4 x 71-1/2	67	"	41	24 x 28	95		
S or W-7913-0	10585	16935	254.0	418	98-1/2 x 84	78-3/4 x 77-1/2	67	"	41	24 x 28	100		
S or W-7914-0	11415	18265	274.0	452	98-1/2 x 90	78-3/4 x 83-1/2	67	"	41	24 x 28	105		
S or W-7915-0	12235	19575	294.0	507	98-1/2 x 96	78-3/4 x 89-1/2	67	"	41	28 x 28	110		
S or W-7916-0	13065	20905	313.0	516	98-1/2 x 102	78-3/4 x 95-1/2	67	"	41	28 x 28	115		
S or W-7917-0	13885	22215	334.0	543	98-1/2 x 108	78-3/4 x 101-1/2	67	"	41	28 x 28	120		

***For Stoker Fired use Prefix "SC" or "WC" and omit Suffix, "O".

NO. 1 IDEAL REDFLASH BOILER (1926 - 1946)

Boiler No.	**Installed		Grate Area Sq.Ft.	Firing Rate Lbs.Per Hour	Firing Rate Lbs.Per Hour	Floor Area Occupied Inches	Fire Box Dimensions Inches		Water Line Ins.	Base Height Ins.	Height Floor to Center of Crown Sheet Inches	Chimney	
	Radiation Sq Ft. - Steam Water						Width	Length				Size Inches	Height Feet
Coal (Hand Fired)													
1-S or W-4	200	320	1.33			26-3/4 x 16-5/16	18 x	11-1/2	45	10	32	8 x 8	25
1-S or W-5	290	465	1.79			26-3/4 x 20-5/16	18 x	15-1/2	45	10	32	8 x 8	30
1-S or W-6	370	590	2.25			26-3/4 x 24-5/16	18 x	19-1/2	45	10	32	8 x 8	30
1-S or W-7	450	720	2.71			26-3/4 x 28-5/16	18 x	23-1/2	45	10	32	8 x 12	35
1-S or W-8	530	850	3.17			26-3/4 x 32-5/16	18 x	27-1/2	45	10	32	8 x 12	35
1-S or W-9	610	975	3.63			26-3/4 x 36-5/16	18 x	31-1/2	45	10	32	8 x 12	35
1-S or W-10	690	1105	4.09			26-3/4 x 40-5/16	18 x	35-1/2	45	10	32	12 x 12	35
1-S or W-11	700	1130	4.55			26-3/4 x 44-5/16	18 x	39-1/2	45	10	32	12 x 12	35
Stoker Fired													
1-SC or WC-5	280	450		11		26-3/4 x 20-5/16	18 x	15-1/2	45	10	32	8 x 8	30
1-SC or WC-6	340	545		13		26-3/4 x 24-5/16	18 x	19-1/2	45	10	32	8 x 8	30
1-SC or WC-7	400	640		15		26-3/4 x 28-5/16	18 x	23-1/2	45	10	32	8 x 8	30
1-SC or WC-8	460	735		17		26-3/4 x 32-5/16	18 x	27-1/2	45	10	32	8 x 8	30
1-SC or WC-9	520	830		19		26-3/4 x 36-5/16	18 x	31-1/2	45	10	32	8 x 12	30
1-SC or WC-10	580	930		21		26-3/4 x 40-5/16	18 x	35-1/2	45	10	32	8 x 12	35
1-SC or WC-11	640	1025		23		26-3/4 x 44-5/16	18 x	39-1/2	45	10	32	8 x 12	35
Oil Fired													
1-S or W-5-0	265	425	6.2			26-3/4 x 20-5/16	18 x	15-1/2	45	10	32	8 x 8	30
1-S or W-6-0	305	490	7.1			26-3/4 x 24-5/16	18 x	19-1/2	45	10	32	8 x 8	30
1-S or W-7-0	360	575	8.4			26-3/4 x 28-5/16	18 x	23-1/2	45	10	32	8 x 8	30
1-S or W-8-0	400	640	9.4			26-3/4 x 32-5/16	18 x	27-1/2	45	10	32	8 x 8	30
1-S or W-9-0	455	730	10.7			26-3/4 x 36-5/16	18 x	31-1/2	45	10	32	8 x 12	30
1-S or W-10-0	495	790	11.7			26-3/4 x 40-5/16	18 x	35-1/2	45	10	32	8 x 12	35
1-S or W-11-0	550	880	13.0			26-3/4 x 44-5/16	18 x	39-1/2	45	10	32	8 x 12	35

*Minimum Burner Capacity - Lbs. Oil Per Hour - based on oil of 19,700 Btu per pound.

**Minimum Coal Burning Capacity - Lbs. Coal Per Hour - based on coal of 12,500 Btu per pound.

***These ratings represent the maximum net loads (240 Btu per sq. ft. steam and 150 Btu per sq. ft. hot water) that may be connected to the boiler. Allowances have been made in these ratings for normal piping (covered) and pick-up loads and for heating domestic hot water when not more than two bathrooms are to be served, or if the use of domestic hot water does not exceed 75 gallons in 24 hours.

NO. 3 REDFLASH BOILER (1927 - 1956)
(10 through 14 sections only)

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Boiler No.	** Installed Radiation Sq. Ft.		Floor Area Occupied Inches	Firing Rate Lbs. Coal or Gals. Oil Per Hour	Water Line Inches	Base Height Inches	Height Floor to Center of Crown Sheet Inches	Chimney	
	Steam	Water						Size Inches	Height Feet
Oil Fired									
			*						
3-S or W-10-0	2700	4450	45-5/8 x 60	8.8	53-1/2	12	35	16 x 16	35
3-S or W-11-0	3000	4905	45-5/8 x 66	9.6	53-1/2	12	35	16 x 20	40
3-S or W-12-0	3300	5355	45-5/8 x 72	10.2	53-1/2	12	35	16 x 20	40
3-S or W-13-0	3600	5800	45-5/8 x 78	11.0	53-1/2	12	35	16 x 20	45
3-S or W-14-0	3900	6240	45-5/8 x 84	11.8	53-1/2	12	35	20 x 20	45
Stoker Fired									
			*						
3-SC or WC-10	2700	4450	45-5/8 x 60	98	53-1/2	12	35	16 x 16	35
3-SC or WC-11	3000	4905	45-5/8 x 66	108	53-1/2	12	35	16 x 20	40
3-SC or WC-12	3300	5355	45-5/8 x 72	118	53-1/2	12	35	16 x 20	40
3-SC or WC-13	3600	5800	45-5/8 x 78	128	53-1/2	12	35	16 x 20	45
3-SC or WC-14	3900	6240	45-5/8 x 84	137	53-1/2	12	35	20 x 20	45
Hand Fired									
			*						
3-S or W-10	2700	4320	45-5/8 x 60		53-1/2	12	35	16 x 20	55
3-S or W-11	3000	4800	45-5/8 x 66		53-1/2	12	35	16 x 20	60
3-S or W-12	3300	5280	45-5/8 x 72		53-1/2	12	35	20 x 20	65
3-S or W-13	3600	5760	45-5/8 x 78		53-1/2	12	35	20 x 20	65

*On Hand Fired add 21" to length for Smoke Hood. On Oil and Stoker Fired add 3-1/4" for Smoke Collar.

NO. 4 REDFLASH BOILER (1928 - 1956)

Boiler No.	** Installed Radiation Sq. Ft.		Floor Area Occupied Inches	Firing Rate	Water Line Inches	Base Height Inches	Height	Chimney	
	Steam	Water		Lbs. Coal or Gals. Oil Per Hour			Floor to Center of Crown Sheet Inches		
Oil Fired									
			*						
4-S or W-10-0	2750	4525	54-3/4 x 70	9.1	55-1/2	12	34	16 x 16	30
4-S or W-11-0	3100	5055	54-3/4 x 77	10.1	55-1/2	12	34	16 x 16	35
4-S or W-12-0	3450	5575	54-3/4 x 84	11.0	55-1/2	12	34	16 x 20	40
4-S or W-13-0	3800	6090	54-3/4 x 91	11.9	55-1/2	12	34	16 x 20	40
4-S or W-14-0	4150	6640	54-3/4 x 98	12.9	55-1/2	12	34	16 x 20	45
Stoker Fired									
			*						
4-SC or WC-10	3200	5205	54-3/4 x 70	115	55-1/2	12	34	16 x 16	30
4-SC or WC-11	3600	5800	54-3/4 x 77	128	55-1/2	12	34	16 x 20	35
4-SC or WC-12	4000	6400	54-3/4 x 84	141	55-1/2	12	31	16 x 20	40
4-SC or WC-13	4400	7040	54-3/4 x 91	153	55-1/2	12	34	16 x 20	45
4-SC or WC-14	4800	7680	54-3/4 x 98	166	55-1/2	12	34	20 x 20	50

*On Hand Fired add 24" to length for Smoke Hood. On Oil and Stoker Fired add 3-1/4" for Smoke Collar.

**These ratings represent the maximum net loads (240 Btu per sq. ft. steam and 150 Btu per sq. ft. hot water) that may be connected to the boiler. Allowances have been made in these ratings for normal piping (covered) and pick-up loads and for heating domestic hot water when not more than two bathrooms are to be served, or if the use of domestic hot water does not exceed 75 gallons in 24 hours.

NO. 4 REDFLASH BOILER (1928 - 1956) (Cont'd.)

Boiler No.	** Installed Radiation Sq. Ft.		Floor Area Occupied Inches	Firing Rate Lbs. Coal or Gals. Oil Per Hour	Water Line Inches	Base Height Inches	Height Floor to Center of Crown Sheet Inches	Chimney	
	Steam	Water						Size Inches	Height Feet
Hand Fired									
4-S or W-7	3000	4800	54-3/4 x 49		55-1/2	12	34	16 x 20	45
4-S or W-8	3575	5720	54-3/4 x 56		55-1/2	12	34	20 x 20	50
4-S or W-9	4150	6640	54-3/4 x 63		55-1/2	12	34	20 x 20	55
4-S or W-10	4725	7560	54-3/4 x 70		55-1/2	12	34	20 x 20	60
4-S or W-11	5300	8480	54-3/4 x 77		55-1/2	12	34	20 x 24	65
4-S or W-12	5875	9400	54-3/4 x 84		55-1/2	12	34	20 x 24	70
4-S or W-13	6450	10320	54-3/4 x 91		55-1/2	12	34	20 x 24	75

*On Hand Fired add 24" to length for Smoke Hood. On Oil and Stoker Fired add 3-1/4" for Smoke Collar.

NO. 5 REDFLASH BOILER (1928 - 1956)

Boiler No.	** Installed Radiation Sq. Ft.		Floor Area Occupied Inches	Firing Rate Lbs. Coal or Gals. Oil Per Hour	Water Line Inches	Base Height Inches	Height Floor to Center of Crown Sheet Inches	Chimney	
	Steam	Water						Size Inches	Height Feet
Oil Fired									
			*						
5-S or W-10-0	3900	6240	64-1/8 x 80	12.4	59-1/2	12	33-1/2	16 x 20	30
5-S or W-11-0	4400	7040	64-1/8 x 88	13.7	59-1/2	12	33-1/2	20 x 20	35
5-S or W-12-0	4900	7840	64-1/8 x 96	15.0	59-1/2	12	33-1/2	20 x 20	35
5-S or W-13-0	5400	8640	64-1/8 x 104	16.3	59-1/2	12	33-1/2	20 x 20	40
5-S or W-14-0	5900	9440	64-1/8 x 112	17.6	59-1/2	12	33-1/2	20 x 24	45
5-S or W-15-0	6400	10240	64-1/8 x 120	19.0	59-1/2	12	33-1/2	20 x 24	50
5-S or W-16-0	6900	11040	64-1/8 x 128	20.4	59-1/2	12	33-1/2	20 x 24	55
5-S or W-17-0	7400	11840	64-1/8 x 136	21.8	59-1/2	12	33-1/2	20 x 24	60
Stoker Fired									
			*						
5-SC or WC-10	4500	7200	64-1/8 x 80	156	59-1/2	12	33-1/2	20 x 20	35
5-SC or WC-11	5100	8160	64-1/8 x 88	175	59-1/2	12	33-1/2	20 x 20	35
5-SC or WC-12	5700	9120	64-1/8 x 96	194	59-1/2	12	33-1/2	20 x 20	40
5-SC or WC-13	6300	10080	64-1/8 x 104	214	59-1/2	12	33-1/2	20 x 24	45
5-SC or WC-14	6900	11040	64-1/8 x 112	234	59-1/2	12	33-1/2	20 x 24	50
5-SC or WC-15	7500	12000	64-1/8 x 120	255	59-1/2	12	33-1/2	20 x 24	55
5-SC or WC-16	8100	12960	64-1/8 x 128	275	59-1/2	12	33-1/2	20 x 24	60
5-SC or WC-17	8700	13920	64-1/8 x 136	296	59-1/2	12	33-1/2	24 x 24	65
Hand Fired									
			*						
5-S or W-8	5000	8000	64-1/8 x 64		59-1/2	12	33-1/2	20 x 24	60
5-S or W-9	5700	9120	64-1/8 x 72		59-1/2	12	33-1/2	20 x 24	65
5-S or W-10	6400	10240	64-1/8 x 80		59-1/2	12	33-1/2	24 x 24	70
5-S or W-11	7100	11360	64-1/8 x 88		59-1/2	12	33-1/2	24 x 24	75
5-S or W-12	7800	12480	64-1/8 x 96		59-1/2	12	33-1/2	24 x 28	80
5-S or W-13	8500	13600	64-1/8 x 104		59-1/2	12	33-1/2	24 x 28	85
5-S or W-14	9200	14720	64-1/8 x 112		59-1/2	12	33-1/2	24 x 28	90
5-S or W-15	9900	15840	64-1/8 x 120		59-1/2	12	33-1/2	28 x 28	90

*On Hand Fired add 28" to length for Smoke Hood. On Oil and Stoker Fired add 3-1/4" for Smoke Collar.

**These ratings represent the maximum net loads (240 Btu per sq. ft. steam and 150 Btu per sq. ft. hot water) that may be connected to the boiler. Allowances have been made in these ratings for normal piping (covered) and pick-up loads and for heating domestic hot water when not more than two bathrooms are to be served, or if the use of domestic hot water does not exceed 75 gallons in 24 hours.

NO. 12 IDEAL OIL BOILER (JACKETED) (1931 - 1942)

19

Boiler No.	**Installed Radiation Sq. Ft. — Steam Water	Grate —Area Sq. Ft.	Firing Rate Lbs. Per Hour	Firing Rate Lbs. Per Hour	Floor Area Occupied Inches	Fire Box Dimensions Inches Width Length	Water Line Ins.	Base Height Ins.	Height Floor to Center of Crown Sheet Inches	Chimney Size Inches	Height Feet
S or W-0412	510	815	10.8	10.8	32-5/8 x 34	23 x 22-1/4	50-3/8	32-3/4	32-3/4	8 x 8	30
S or W-0512	660	1055	13.8	13.8	32-5/8 x 42	23 x 30-1/4	50-3/8	12-1/2	32-3/4	8 x 8	30
S or W-0612	810	1295	16.9	16.9	32-5/8 x 50	23 x 38-1/4	50-3/8	12-1/2	32-3/4	8 x 12	30
S or W-0712	960	1535	20.0	20.0	32-5/8 x 58	23 x 46-1/4	50-3/8	12-1/2	32-3/4	8 x 12	35

**Based on oil of 19,700 Btu per lb.

//Dimensions apply to flush jacket. For extended jacket add 24" to last figure.

NO. 21 IDEAL STOKER BOILER (1932 - 1942)

SC or WC-421	510	815	20	34 x 34	23 x 22-1/4	55-3/8	7-1/8	37-3/4	8 x 8	30
SC or WC-521	710	1136	27	34 x 42	23 x 30-1/4	55-3/8	7-1/8	37-3/4	8 x 8	30
SC or WC-621	910	1456	34	34 x 50	23 x 38-1/4	55-3/8	7-1/8	37-3/4	8 x 12	35
SC or WC-721	1110	1776	42	34 x 58	23 x 46-1/4	55-3/8	7-1/8	37-3/4	8 x 12	40

**Based on Coal of 12,500 Btu per lb.

IDEAL ARCO ROUND BOILER (1929 - 1942)

No. 4 Series: Base, Firepot, Single Section and Dome										
S or W-1704	200	320	1.4	24-3/4 Dia.	15 Dia.	47-3/8	13	39-1/4	8 x 8	30
S or W-1904	275	440	1.88	26-1/2	17-1/2	44-1/4	12	36-1/2	8 x 8	30
S or W-2004	330	530	2.23	28-1/2	19	45-3/4	12	36-1/2	8 x 8	30
S or W-2204	380	610	2.62	32-1/8	21	45-1/8	12	38-1/2	8 x 12	35
S or W-2504	500	800	3.53	34-7/8	23-1/2	47-1/8	12	39	8 x 12	35
S or W-2804	600	960	4.36	38-7/8	27	48-1/2	12	39-1/2	8 x 12	35

No. 5 Series: Base, Firepot, Double Section and Dome										
S or W-1705	220	350	1.4	24-3/4 Dia.	15	51-7/8	13	39-1/4	8 x 8	30
S or W-1905	300	480	1.88	26-1/2	17-1/2	49-1/4	12	36-1/2	8 x 8	35
S or W-2005	360	575	2.23	28-1/2	19	50-5/8	12	36-1/2	8 x 8	35
S or W-2205	440	705	2.62	32-1/8	21	51	12	38-1/2	8 x 12	35
S or W-2505	580	930	3.53	34-7/8	23-1/2	52-1/8	12	39	8 x 12	40
S or W-2805	750	1200	4.36	38-7/8	27	53-1/8	12	39-1/2	12 x 12	45

No. 6 Series: Base, Firepot, Double Section, Single Section and Dome										
S or W-1706	240	385	1.4	24-3/4 Dia.	15	56-3/8	13	39-1/4	8 x 8	35
S or W-1906	325	520	1.88	26-1/2	17-1/2	54-1/8	12	36-1/2	8 x 8	35
S or W-2006	380	610	2.23	28-1/2	19	54-3/4	12	36-1/2	8 x 12	35
S or W-2206	460	735	2.62	32-1/8	21	58-1/8	12	38-1/2	8 x 12	40
S or W-2506	625	1000	3.53	34-7/8	23-1/2	57-1/8	12	39	8 x 12	40
S or W-2806	800	1280	4.36	38-7/8	27	58	12	39-1/2	12 x 12	45

**These ratings represent the maximum net loads (240 Btu per sq. ft. steam and 150 Btu per sq. ft. hot water) that may be connected to the boiler. Allowances have been made in these ratings for normal piping (covered) and pick-up loads and for heating domestic hot water when not more than two bathrooms are to be served, or if the use of domestic hot water does not exceed 75 gallons in 24 hours.

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IDEAL ARCOLA WATER BOILER (1932 - 1947) Coal Fired

Boiler No.	Installed Radiation - Water	Grate Area Sq.Ft.	Floor Area Occupied Inches	Fire Box Dimension Inches		Base Height Ins.	Height Floor to Center Of Crown Sheet Inches	Chimney	
				Width	Length			Size Inches	Height Feet
4-A, AJ or AI	120	0.67	17 x 12	12-5/8	8-3/4	5	36-3/8	8 x 8	30
5-A, AJ or AI	170	0.90	17 x 15	12-5/8	11-3/4	5	36-3/8	8 x 8	30
6-A, AJ or AI	220	1.13	17 x 18	12-5/8	14-3/4	5	36-3/8	8 x 8	30
7-A, AJ or AI	270	1.36	17 x 21	12-5/8	17-3/4	5	36-3/8	8 x 8	30
8-A, AJ or AI	320	1.59	17 x 24	12-5/8	20-3/4	5	36-3/8	8 x 8	30
9-A, AJ or AI	370	1.82	17 x 27	12-5/8	23-3/4	5	36-3/8	8 x 8	30
10-A, AJ or AI	420	2.05	17 x 30	12-5/8	26-3/4	5	36-3/8	8 x 8	30
Oil Fired									
5-A-O, AJ-O or AI-O	150		17 x 15	12-5/8	11-3/4	5	36-3/8	8 x 8	30
6-A-O, AJ-O or AI-O	200		17 x 18	12-5/8	14-3/4	5	36-3/8	8 x 8	30
7-A-O, AJ-O or AI-O	250		17 x 21	12-5/8	17-3/4	5	36-3/8	8 x 8	30
8-A-O, AJ-O or AI-O	300		17 x 24	12-5/8	20-3/4	5	36-3/8	8 x 8	30
9-A-O, AJ-O or AI-O	350		17 x 27	12-5/8	23-3/4	5	36-3/8	8 x 8	30
10-A-O, AJ-O or AI-O	400		17 x 30	12-5/8	26-3/4	5	36-3/8	8 x 8	30

ARCOLA WATER HEATER FOR HOT WATER SUPPLY (1942 - 1947)

Heater Number	Number of Sections	Nominal Capacity Gallons		Length Inches	TAPPINGS		Size of Smoke pipe Inches
		Coal	Oil		Inlets Inches	Outlets Inches	
1004-A	4	240	...	12	1-2 1/2	2-2	6
1005-A	5	320	200	15	1-2 1/2	2-2	6
1006-A	6	400	260	18	1-2 1/2	2-2	6
1007-A	7	480	320	21	1-2 1/2	2-2	6
1008-A	8	560	380	24	1-2 1/2	2-2	6
1009-A	9	620	440	27	1-2 1/2	2-2	6
1010-A	10	680	500	30	1-2 1/2	2-2	6

NEW IDEAL ARCO ROUND BOILER (JACKETED) (1934 to 1939)

Boiler No.	**Installed Radiation Sq.Ft.		Grate Area Sq.Ft.	Firing Rate Lbs.Per Hour	Firing Rate Lbs.Per Hour	Floor Area Occupied Inches	Fire Box Dimensions		Water Line Ins.	Base Height Ins.	Height Floor to Center of Crown Sheet Ins.	Chimney	
	Steam	Water					Inches	Length				Size Inches	Height Feet
S or W-181	300	480	1.77			26-1/2 Dia.	18	Dia.	38-5/8	14	34-1/4	8 x 8	30
S or W-201	350	560	2.18			28-1/2	20		38-5/8	14	34-7/8	8 x 8	30
S or W-221	400	640	2.65			31-1/4	22		38-5/8	14-1/2	34	8 x 8	35
S or W-222	450	720	2.62			32-1/4	22		47	14-1/2	37-5/8	8 x 12	35
S or W-223	500	800	2.62			32-1/4	22		51-3/4	14-1/2	37-5/8	8 x 12	35
S or W-252	600	960	3.53			35	25		48-1/2	15-1/4	38	8 x 12	35
S or W-253	650	1040	3.53			35	25		53-1/2	15-1/4	38	8 x 12	40
S or W-282	750	1200	4.36			39	28		50-3/8	15-1/4	36	8 x 12	35
S or W-283	800	1280	4.36			39	28		55-1/2	15-1/4	36	12 x 12	40

*Capacities based on water temperature rise of 25° F. per hour.

**These ratings represent the maximum net loads (240 Btu per sq. ft. steam and 150 Btu per sq. ft. hot water) that may be connected to the boiler. Allowances have been made in these ratings for normal piping (covered) and pick-up loads and for heating domestic hot water when not more than two bathrooms are to be served, or if the use of domestic hot water does not exceed 75 gallons in 24 hours.

Recommended load sq. ft. E.D.R. Represents attached load - including piping - which may be placed on Boiler in accordance with accepted installation standards for economical operation.

Boiler No.	**Installed Radiation		Grate Area Sq.Ft.	Firing Rate Lbs.Per Hour	Firing Rate Lbs.Per Hour	Floor Area Occupied Inches	Fire Box Dimensions Inches		Water Line Ins.	Base Height Ins.	Height Floor to Center of Crown Ins.	Chimney Size Height	
	Steam	Water					Width	Length				Inches	Feet
15-S or W-04	400	640	1.82			33-3/4 x 27			40-5/8	None		8 x 8	35
15-S or W-05	550	880	2.60			33-3/4 x 33			40-5/8	"		8 x 12	35
15-S or W-06	700	1120	3.38			33-3/4 x 39			40-5/8	"		8 x 12	40
15-S or W-07	850	1360	4.16			33-3/4 x 45			40-5/8	"		8 x 12	40
15-S or W-08	1000	1600	4.94			33-3/4 x 51			40-5/8	"		12 x 12	45

IDEAL MAGAZINE BOILER NO. 25 (1933 - 1937)

25-S or W-05	750	1200	3.35			42-1/2 x 29-1/4			43-1/4	None		8 x 12	35
25-S or W-06	900	1440	4.3			42-1/2 x 35-1/4			43-1/4	"		8 x 12	35
25-S or W-07	1200	1920	5.25			42-1/2 x 41-1/4			43-1/4	"		12 x 12	35
25-S or W-08	1500	2400	6.2			42-1/2 x 47-1/4			43-1/4	"		12 x 12	40
25-S or W-09	1800	2880	7.15			42-1/2 x 53-1/4			43-1/4	"		12 x 12	40
25-S or W-10	2100	3360	8.1			42-1/2 x 59-1/4			43-1/4	"		12 x 16	45

NO. 92 IDEAL OIL BOILER (JACKETED) (1935 - 1942)

S or W-92-7	1450	2320	35.5			42-3/4 x 57	29 x 35-1/2	52-3/4	None	33		12 x 12	35
S or W-92-8	1680	2690	40.6			42-3/4 x 63	29 x 41-1/2	52-3/4	"	33		12 x 12	35
S or W-92-9	1900	3040	45.8			42-3/4 x 69	29 x 47-1/2	52-3/4	"	33		12 x 16	40
S or W-92-10	2130	3410	51.0			42-3/4 x 75	29 x 53-1/2	52-3/4	"	33		12 x 16	40
S or W-92-11	2370	3790	56.2			42-3/4 x 81	29 x 59-1/2	52-3/4	"	33		12 x 16	45
S or W-92-12	2600	4260	61.3			42-3/4 x 87	29 x 65-1/2	52-3/4	"	33		12 x 16	45

*Based on Coal of 19,700 Btu per lb.

NO. 92 IDEAL STOKER BOILER (JACKETED) (1935 - 1942)

SC or WC-92-7	1450	2320	55			42-3/4 x 57	29 x 35-1/2	52-3/4	None	33		12 x 12	35
SC or WC-92-8	1680	2690	62			42-3/4 x 63	29 x 41-1/2	52-3/4	"	33		12 x 12	35
SC or WC-92-9	1900	3040	71			42-3/4 x 69	29 x 47-1/2	52-3/4	"	33		12 x 16	40
SC or WC-92-10	2130	3410	80			42-3/4 x 75	29 x 53-1/2	52-3/4	"	33		12 x 16	40
SC or WC-92-11	2370	3790	88			42-3/4 x 81	29 x 59-1/2	52-3/4	"	33		12 x 16	45
SC or WC-92-12	2600	4160	97			42-3/4 x 87	29 x 65-1/2	52-3/4	"	33		12 x 16	45

**Based on Coal of 13,000 Btu per lb.

**These ratings represent the maximum net loads (240 Btu per sq. ft. steam and 150 Btu per sq. ft. hot water) that may be connected to the boiler. Allowances have been made in these ratings for normal piping (covered) and pick-up loads and for heating domestic hot water when not more than two bathrooms are to be served, or if the use of domestic hot water does not exceed 75 gallons in 24 hours.

Recommended load sq. ft. E.D.R. Represents attached load - including piping - which may be placed on Boiler in accordance with accepted installation standards for economical operation.

NO. 7 IDEAL BOILER (1937 - 1941)

Boiler No.	**Installed Radiation Sq. Ft.	Grate Area Sq. Ft.	Firing Rate Lbs. Per Hour	Firing Rate Lbs. Per Hour	Floor Area Occupied Inches	Fire Box Dimensions Inches Width Length	Water Line Ins.	Base Height Ins.	Height Floor to Center of Crown Sheet Ins.	Chimney Size Inches	Chimney Height Feet
Coal (Hand Fired)											
S or W-711	220	350	1.68		29-1/2 x 18-1/8	18 x 11-5/8	46-3/4	12-1/4	32-1/4	8 x 8	30
S or W-715	320	510	2.15		29-1/2 x 21-5/8	18 x 15	46-3/4	12-1/4	32-1/4	8 x 8	30
S or W-719	410	655	2.62		29-1/2 x 25-1/8	18 x 18-7/16	46-3/4	12-1/4	32-1/4	8 x 8	35
S or W-723	500	800	3.09		29-1/2 x 28-5/8	18 x 22	46-3/4	12-1/4	32-1/4	8 x 12	35
S or W-727	590	945	3.56		29-1/2 x 32-1/8	18 x 25-7/16	46-3/4	12-1/4	32-1/4	8 x 12	35
S or W-731	670	1070	4.03		29-1/2 x 35-5/8	18 x 29	46-3/4	12-1/4	32-1/4	8 x 12	35
S or W-735	750	1200	4.50		29-1/2 x 39-1/8	18 x 32-7/16	46-3/4	12-1/4	32-1/4	12 x 12	35
S or W-739	820	1310	4.97		29-1/2 x 42-5/8	18 x 36	46-3/4	12-1/4	32-1/4	12 x 12	40

Oil Fired

S or W-715-0	340	545	8.0		29-1/2 x 21-5/8	18 x 15	46-3/4	12-1/4	32-1/4	8 x 8	30
S or W-719-0	410	655	9.5		29-1/2 x 25-1/2	18 x 18-7/16	46-3/4	12-1/4	32-1/4	8 x 8	30
S or W-723-0	480	770	10.5		29-1/2 x 28-5/8	18 x 22	46-3/4	12-1/4	32-1/4	8 x 8	30
S or W-727-0	550	880	12.0		29-1/2 x 32-1/8	18 x 25-7/16	46-3/4	12-1/4	32-1/4	8 x 12	30
S or W-731-0	620	990	13.5		29-1/2 x 35-5/8	18 x 29	46-3/4	12-1/4	32-1/4	8 x 12	30
S or W-735-0	690	1105	14.5		29-1/2 x 39-1/8	18 x 32-7/16	46-3/4	12-1/4	32-1/4	8 x 12	35
S or W-739-0	760	1215	16.0		29-1/2 x 42-5/8	18 x 36	46-3/4	12-1/4	32-1/4	8 x 12	35

Based on oil of 19,700 Btu per lb.

Stoker Fired

SC or WC-919	410	655	17.0		29-1/2 x 25-1/2	18 x 18-7/16	46-3/4	12-1/4	32-1/4	8 x 8	30
SC or WC-923	490	785	20.0		29-1/2 x 28-5/8	18 x 22	46-3/4	12-1/4	32-1/4	8 x 8	30
SC or WC-927	570	910	22.0		29-1/2 x 32-1/8	18 x 25-7/16	46-3/4	12-1/4	32-1/4	8 x 12	30
SC or WC-931	650	1040	25.0		29-1/2 x 35-5/8	18 x 29	46-3/4	12-1/4	32-1/4	8 x 12	30
SC or WC-935	730	1170	17.0		29-1/2 x 39-1/8	18 x 32-7/16	46-3/4	12-1/4	32-1/4	8 x 12	35
SC or WC-939	810	1295	30.0		29-1/2 x 42-5/8	18 x 36	46-3/4	12-1/4	32-1/4	8 x 12	35

Based on Coal of 12,500 Btu per lb.

NO. 11 IDEAL OIL BOILER (JACKETED) (1938 - 1942)

S or W-0411	390	625	8.5		29-3/4 x 24	18 x 15	47-1/4	12-1/4	32-1/4	8 x 8	30
S or W-0511	480	770	10.3		29-3/4 x 27-1/2	18 x 18-7/16	47-1/4	12-1/4	32-1/4	8 x 8	30
S or W-0611	560	895	12.1		29-3/4 x 31	18 x 22	47-1/4	12-1/4	32-1/4	8 x 8	30
S or W-0711	640	1025	13.5		29-3/4 x 34-1/2	18 x 25-7/16	47-1/4	12-1/4	32-1/4	8 x 12	35
S or W-0811	730	1170	14.9		29-3/4 x 38	18 x 29	47-1/4	12-1/4	32-1/4	8 x 12	35
S or W-0911	810	1295	16.3		29-3/4 x 41-1/2	18 x 32-7/16	47-1/4	12-1/4	32-1/4	8 x 12	35

Based on oil of 19,700 Btu per lb.

//Dimensions apply to flush jacket. For extended jacket add 23-3/4" to last figure.

**These ratings represent the maximum net loads (240 Btu per sq. ft. steam and 150 Btu per sq. ft. hot water) that may be connected to the boiler. Allowances have been made in these ratings for normal piping (covered) and pick-up loads and for heating domestic hot water when not more than two bathrooms are to be served, or if the use of domestic hot water does not exceed 75 gallons in 24 hours.

NO. 24 IDEAL ARCOFIRE STOKER BOILER (1938 - 1942)

23

Boiler No.	**Installed Radiation		Grate Area Sq.Ft.	Firing Rate Lbs.Per Hour	Firing Rate Lbs.Per Hour	Floor Area Occupied Inches	Fire Box Dimensions		Water Line Ins.	Base Height Ins.	Height Floor to Center of Crown Sheet Ins.	Chimney	
	Sq.Ft.	Water					Inches	Length				Size Inches	Height Feet
SC or WC-824	900	1440			34	42-3/4 x 57	24 x 19-1/2		50-3/4	12-1/2	23	12 x 12	40
SC or WC-924	1075	1720			41	42-3/4 x 63	24 x 24-1/2		50-3/4	12-1/2	23	12 x 12	40
SC or WC-1024	1250	2000			47	42-3/4 x 69	24 x 24-1/2		50-3/4	12-1/2	23	12 x 16	45
SC or WC-1124	1425	2280			53	42-3/4 x 75	24 x 29-1/2		50-3/4	12-1/2	23	12 x 16	45
SC or WC-1224	1600	2560			60	42-3/4 x 81	24 x 24-1/2		50-3/4	12-1/2	23	12 x 16	45
SC or WC-1324	1775	2840			66	42-3/4 x 87	24 x 29-1/2		50-3/4	12-1/2	23	12 x 16	50

@ Minimum Height ranges to 57-3/4" depending on Base Height.

@@ Minimum Ranges to 19-1/2".

Distance from Bottom Water Leg to Crown Sheet.

** Based on Coal of 13,000 Btu per Lb.

NO. 6 IDEAL OIL BOILER TUXEDO OIL BOILER (1940 - 1942)

S or W-64	300		44-5/8 x 24-3/4	11-1/8 x 10	43	8 x 8	25
	480						
S or W-65	375		52-5/8 x 24-3/4	14-1/8 x 10	42	8 x 8	25
	600						

Dimensions of Refractory Brick Chamber

** These ratings represent the maximum net loads (240 Btu per sq. ft. steam and 150 Btu per sq. ft. hot water) that may be connected to the boiler. Allowances have been made in these ratings for normal piping (covered) and pick-up loads and for heating domestic hot water when not more than two bathrooms are to be served, or if the use of domestic hot water does not exceed 75 gallons in 24 hours.

NO. 1-G STANDARD GAS BOILER (1928 - 1955)

Boiler No.	Installed Radiation		Floor Area Occupied Inches	A.G.A. Input MBH	Water Line Inches	Chimney	
	Sq. Ft.	Water				Diameter Inches	Height Feet
1-G-S or W-4	395	715	19 x 25	180	30	6	20
1-G-S or W-5	530	960	23 x 25	240	30	7	20
1-G-S or W-6	670	1200	27 x 25	300	30	8	20
1-G-S or W-7	810	1440	31 x 25	360	30	8	20
1-G-S or W-8	950	1675	35 x 25	420	30	9	20
1-G-S or W-9	1095	1915	39 x 25	480	30	9	20
1-G-S or W-10	1240	2160	43 x 25	540	30	9	20

Note: Ratings shown are for installations at elevations up to 2000 ft. All ratings are for Natural, Manufactured, Mixed, LP and LP-Air gases.

NO. 4-G STANDARD GAS BOILER (1928 - 1955)

Boiler No.	Installed Radiation		Floor Area Occupied Inches	A.G.A. Input MBH	Water Line Inches	Chimney	
	Sq. Ft. Steam	Sq. Ft. Water				Diameter Inches	Height Feet
4-G-S or W-6	1390	2400	27 x 41-1/2	600	43	9	20
4-G-S or W-7	1690	2880	31 x 41-1/2	720	43	10	20
4-G-S or W-8	1995	3355	35 x 41-1/2	840	43	11	20
4-G-S or W-9	2300	3835	39 x 41-1/2	960	43	11	20
4-G-S or W-10	2610	4315	43 x 41-1/2	1080	43	12	20
4-G-S or W-11	2935	4795	47 x 41-1/2	1200	43	12	20
4-G-S or W-13	3570	5760	61-1/4 x 41-1/2	1440	43	13	20
4-G-S or W-15	4230	6765	69-1/4 x 41-1/2	1680	43	14	20
4-G-S or W-17	4895	7825	77-1/4 x 41-1/2	1920	43	15	20
4-G-S or W-19	5565	8895	85-1/4 x 41-1/2	2160	43	16	20
4-G-S or W-21	6205	9920	93-1/4 x 41-1/2	2400	43	17	20
4-G-S or W-22	6520	10435	103-1/2 x 41-1/2	2520	43	17	20
4-G-S or W-25	7455	11905	115-1/2 x 41-1/2	2880	43	18	20
4-G-S or W-28	8385	13405	127-1/2 x 41-1/2	3240	43	19	20
4-G-S or W-31	9315	14880	139-1/2 x 41-1/2	3600	43	20	20
4-G-S or W-33	9940	15875	153-3/4 x 41-1/2	3840	43	20	20
4-G-S or W-37	11180	17840	169-3/4 x 41-1/2	4320	43	22	20
4-G-S or W-41	12420	19840	185-3/4 x 41-1/2	4800	43	24	20

Note: Ratings shown are for installations at elevations up to 2000 ft. All ratings are for Natural, Manufactured, Mixed, LP and LP-Air gases.

PEERLESS COLUMN RADIATOR

(1901 - 1925)

Radiator Height Inches	1 Column Width 5-3/8" Centers 1-1/2"	2 Column Width 8-1/4" Centers 2-1/2"	3 Column Width 9-3/4" Centers 2-1/2"	4 Column Width 11-1/4" Centers 3"
15"		1-1/2" Sq. Ft. per section 0.6 Sq. Ft. per lineal inch		
18"			2-1/4 Sq. Ft. per section 0.9 Sq. Ft. per lineal inch	3 Sq. Ft. per section 1.0 Sq. Ft. per lineal inch
20"	1-1/2 Sq. Ft. per section 0.600 Sq. Ft. per lineal inch	2 Sq. Ft. per section 0.800 Sq. Ft. per lineal inch		
22"			3 Sq. Ft. per section 1.2 Sq. Ft. per lineal inch	4 Sq. Ft. per section 1.333 Sq. Ft. per lineal inch

PEERLESS COLUMN RADIATOR

(1901 - 1925)

Radiator Height Inches	1 Column Width 5-3/8" Centers 1-1/2"	2 Column Width 8-1/4" Centers 2-1/2"	3 Column Width 9-3/4" Centers 2-1/2"	4 Column Width 11-1/4" Centers 3"
23"	1-2/3 Sq. Ft. per section 0.667 Sq. Ft. per lineal inch	2-1/3 Sq. Ft. per section 0.933 Sq. Ft. per lineal inch		
26"	2 Sq. Ft. per section .800 Sq. Ft. per lineal inch	2-2/3 Sq. Ft. per section 1.067 Sq. Ft. per lineal inch	3-3/4 Sq. Ft. per section 1.5 Sq. Ft. per lineal inch	5 Sq. Ft. per section 1.667 Sq. Ft. per lineal inch
32"	2-1/2 Sq. Ft. per section 1 Sq. Ft. per lineal inch	3-1/3 Sq. Ft. per section 1.333 Sq. Ft. per lineal inch	4-1/2 Sq. Ft. per section 1.8 Sq. Ft. per lineal inch	6-1/2 Sq. Ft. per section 2.167 Sq. Ft. lineal inch
38"	3 Sq. Ft. per section 1.2 Sq. Ft. per lineal inch	4 Sq. Ft. per section 1.6 Sq. Ft. per lineal inch	5 Sq. Ft. per section 2.0 Sq. Ft. per lineal inch	8 Sq. Ft. per section 2.667 Sq. Ft. lineal inch
45"		5 Sq. Ft. per section 2 Sq. Ft. per lineal inch	6 Sq. Ft. per section 2.4 Sq. Ft. per lineal inch	10 Sq. Ft. per section 3.333 Sq. Ft. lineal inch

PEERLESS WALL RADIATOR (1920 - 1953)

TYPE A

Height Inches	Length or Width Inches	Thickness Inches	Heating Surface Square Feet
13-5/16	16-5/8	2-7/8	6
13-5/16	21-7/8	2-7/8	8
13-5/16	29-1/16	2-7/8	11

PEERLESS BATHROOM RADIATOR (1920 - 1948)

Height Inches	Length Inches	Thickness Inches	Heating Surface Square Feet
8	20-1/2	1-1/2	4-1/2

CORTO RADATORS (1927 - 1942)

Radiator Height Inches	3 Tube Width 4-5/8" Centers 2-1/2"	4 Tube Width 6-5/16" Centers 2-1/2"	5 Tube Width 8" Centers 2-1/2"	6 Tube Width 9-11/16" Centers 2-1/2"	7 Tube (Window) Width 11-3/8" Centers 2-1/2"
20"	1-3/4 Sq. Ft. per section 0.7 Sq. Ft. per lineal inch	2-1/4 Sq. Ft. per section 0.9 Sq. Ft. per lineal inch	2-2/3 Sq. Ft. per section 1.178 Sq. Ft. per lineal inch	3 Sq. Ft. per section 1.2 Sq. Ft. per lineal inch	3-2/3 Sq. Ft. per section 1.467 Sq. Ft. per lineal inch
23"	2 Sq. Ft. per section 0.8 Sq. Ft. per lineal inch	2-1/2 Sq. Ft. per section 1.0 Sq. Ft. per lineal inch	3 Sq. Ft. per section 1.2 Sq. Ft. per lineal inch	3-1/2 Sq. Ft. per section 1.4 Sq. Ft. per lineal inch	
26"	2-1/3 Sq. Ft. per section 0.933 Sq. Ft. per lineal inch	2-3/4 Sq. Ft. per section 1.1 Sq. Ft. per lineal inch	3-1/2 Sq. Ft. per section 1.4 Sq. Ft. per lineal inch	4 Sq. Ft. per section 1.6 Sq. Ft. per lineal inch	
32"	3 Sq. Ft. per section 1.2 Sq. Ft. per lineal inch	3-1/2 Sq. Ft. per section 1.4 Sq. Ft. per lineal inch	4-1/3 Sq. Ft. per section 1.733 Sq. Ft. per lineal inch	5 Sq. Ft. per section 2.0 Sq. Ft. per lineal inch	
38"	3-1/2 Sq. Ft. per section 1.4 Sq. Ft. per lineal inch	4-1/4 Sq. Ft. per section 1.7 Sq. Ft. per lineal inch	5 Sq. Ft. per section 2.0 Sq. Ft. per lineal inch	6 Sq. Ft. per section 2.4 Sq. Ft. per lineal inch	
14"					2-1/2 Sq. Ft. per section 1.0 Sq. Ft. per lineal inch
17"					3 Sq. Ft. per section 1.2 Sq. Ft. per lineal inch

CORTO HOSPITAL RADIATOR (1927 - 1942)

Radiator Height Inches	3 Tube Width 4-5/8" Centers 3"	5 Tube Width 8" Center 3"
20"	1-3/4 Sq. Ft. per section 0.583 Sq. Ft. per lineal inch	2-2/3 Sq. Ft. per section 0.889 Sq. Ft. per lineal inch
23"	2 Sq. Ft. per section .667 Sq. Ft. per lineal inch	3 Sq. Ft. per section 1.0 Sq. Ft. per lineal inch

CORTO HOSPITAL RADIATOR (1927 - 1942) (Cont'd.)

27

Radiator Height Inches	3 Tube Width 4-5/8" Centers 3"	5 Tube Width 8" Center 3"
26"	2-1/3 Sq. Ft. per section 0.778 Sq. Ft. per lineal inch	3-1/2 Sq. Ft. per section 1.167 Sq. Ft. per lineal inch
32"	3 Sq. Ft. per section 1.0 Sq. Ft. per lineal inch	4-1/3 Sq. Ft. per section 1.444 Sq. Ft. per lineal inch
38"	3-1/2 Sq. Ft. per section 1.167 Sq. Ft. per lineal inch	5 Sq. Ft. per section 1.667 Sq. Ft. per lineal inch

ARCO RADIATOR (1-1/2" Center) (1930 - 1939)

Radiator Height Inches	3 Tube Width 3-1/2"	4 Tube Width 4-3/4"	6 Tube Width 7-7/8"
19"	1.1 Sq. Ft. per section 0.733 Sq. Ft. per lineal inch	1.6 Sq. Ft. per section 1.067 Sq. Ft. per lineal inch	2.3 Sq. Ft. per section 1.467 Sq. Ft. per lineal inch
22"	1.3 Sq. Ft. per section 0.867 Sq. Ft. per lineal inch	1.8 Sq. Ft. per section 1.2 Sq. Ft. per lineal inch	
25"	1.6 Sq. Ft. per section 1.067 Sq. Ft. per lineal inch	2.0 Sq. Ft. per section 1.333 Sq. Ft. per lineal inch	3.0 Sq. Ft. per section 2.0 Sq. Ft. per lineal inch
32"			3.7 Sq. Ft. per section 2.467 Sq. Ft. per lineal inch

ARCO SUNRAD (1938 - 1950)

2" Centers

BASEBOARD RADIANT PANEL (1947 - 1951)

TYPE R

Depth	Height	Heat Emission Sq. Ft. per section	Depth	Height	Heat Emission Sq. Ft. per Lineal Foot
5	10	2	2-1/8"	8"	1.25
7-1/2	23	3			

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