



United States
RADIATOR CORPORATION

GENERAL OFFICE, DETROIT 31, MICH. BRANCHES AND SALES OFFICES IN PRINCIPAL CITIES

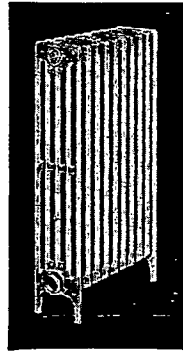
Member
I-B-R
REG. U. S. PAT. OFF.

US-CAPITOL*

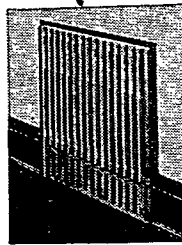
THINTUBE
RADIATORS

3-Tube		
Heights In.	Per Section Heating Surface	
25	1.6 Sq Ft	
4-Tube		
22	1.8 Sq Ft	
25	2.0 Sq Ft	
5-Tube		
22	2.1 Sq Ft	
25	2.4 Sq Ft	
6-Tube		
19	2.3 Sq Ft	
25	3.0 Sq Ft	
32	3.7 Sq Ft	

*1 3/4 in. Centers.



US-SUNRAY RADIATORS

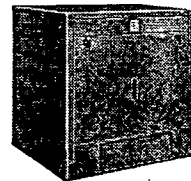


19 in. height is standard, 21 in. and 22 1/2 in. heights can be furnished by use of higher legs.
No. 5—Depth 5 1/2 in.

Heights In.	Per Section Heating Surface
19	1.8 Sq Ft
No. 6—Depth 6 1/2 in.	
Heights In.	Per Section Heating Surface
19	1.8 Sq Ft

Boiler No.	A.G.A. Rating Sq Ft Water	A.G.A. Output Btu Per Hour	*Direct C. I. Radiator Load Sq Ft 150 Btu Per Sq Ft Emission	*Direct C. I. Radiator Load Sq Ft of Water Accelerated (200 Btu Per Sq Ft Emission)	Input Btu Per Hour	Water Inlets No. and Size	Water Outlets No. and Size	Flue Outlets No. and Size	Minimum Chimney Size	Size of Main Gas Valve
3-11	240	36,000	155	115	45,000	2-2 1/2"	2-2 1/2"	1-4"	4"	1 3/4"
4-11	360	54,000	230	175	67,500	2-2 1/2"	2-2 1/2"	1-5"	5"	1 3/4"
5-11	480	72,000	310	230	90,000	2-2 1/2"	2-2 1/2"	1-5"	5"	1 3/4"
6-11	600	90,000	385	290	112,500	2-2 1/2"	2-2 1/2"	1-6"	6"	1 3/4"
7-11	720	108,000	470	350	135,000	2-2 1/2"	2-2 1/2"	1-7"	7"	1 3/4"
8-11	840	126,000	550	410	157,500	2-2 1/2"	2-2 1/2"	1-7"	7"	1 3/4"

*The Amount Allowed for Piping and Pickup Capacity for Each Boiler is Based on I-B-R Selection Factors.

US-22
"COMFORT
LINE"GAS BOILER
Data belowUS-11
"COMFORT
LINE"GAS BOILER
Data above

Boiler No.	A.G.A. Rating Sq Ft Steam	A.G.A. Rating Sq Ft Water	A.G.A. Output Btu Per Hr	*Direct C.I. Radiator Load			Input Btu Per Hr	Steam or Water Inlets No. and Size	Steam or Water Outlets No. and Size	Flue Outlets No. and Size Inches	Water Line Inches	Flue Size to Chimney Inches	Size of Main Gas Valve Inches
				Sq Ft Steam	Sq Ft Water	Sq Ft of Water Accelerated							
7-22	800	1280	192,000	530	850	635	240,000	2-3"	2-4"	1-9"	3-4"	9"	1 1/2"
9-22	1120	1790	268,800	750	1200	900	336,000	2-3"	2-4"	2-7"	3-4"	10"	1 1/2"
11-22	1440	2300	345,600	980	1570	1175	432,000	2-3"	2-4"	2-8"	3-4"	12"	1 1/2"
13-22	1760	2820	422,400	1210	1940	1450	528,000	2-3"	2-4"	2-9"	3-4"	13"	1 1/2"
15-22	2080	3330	499,200	1450	2320	1740	624,000	2-3"	2-4"	2-10"	3-4"	15"	2"
17-22	2400	3840	576,000	1690	2710	2030	720,000	2-3"	2-4"	3-9"	3-4"	16"	2"
19-22	2720	4350	652,800	1935	3100	2320	816,000	2-3"	2-4"	3-9"	3-4"	16"	2"
21-22	3040	4860	729,600	2170	3470	2600	912,000	2-3"	2-4"	3-10"	3-4"	18"	2"
23-22	3360	5370	806,400	2425	3880	2910	1,008,000	2-3"	2-4"	4-10"	3-4"	20"	2 1/2"
25-22	3680	5890	883,200	2675	4280	3210	1,104,000	2-3"	2-4"	4-10"	3-4"	20"	2 1/2"
27-22	4000	6400	960,000	2930	4690	3520	1,200,000	2-3"	2-4"	4-10"	3-4"	20"	2 1/2"

*Based on I-B-R Piping and Pickup Allowances; Emission Btu per Sq Ft Steam 240, Water 150, Water Accelerated 200.

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US-2
CAPITOL SUNRAY
OIL FIRED BOILER

Boiler No.	Net Sq Ft Direct Cast Iron Radiation		Net Btu Per Hr.	Gross Output Btu Per Hr.
	Steam	Water		
2-03	350	560	84,000	129,000
2-04	500	800	120,000	182,000
2-05	650	1040	156,000	234,000
2-06	800	1280	192,000	285,000

US-3
"THRIFT MODEL"
SUNRAY BOILER

Boiler Number	Sq Ft Direct Cast Iron Radiation					
	Hand Fired		Stoker Fired		Oil Fired	
	Steam	Water	Steam	Water	Steam	Water
R43-S or W	300	480	400	640	400	640
R53-S or W	450	720	550	880	550	880
R63-S or W	600	960	700	1120	700	1120

US-25
OIL FIRED BOILER

Boiler No.	Net Sq Ft Direct Cast Iron Radiation		Net Btu Per Hr.	Gross Output Per Hr.
	Steam	Water		
US-25-3	545	875	131,000	197,000
US-25-4	905	1450	217,000	320,000
US-25-5	1265	2025	304,000	439,000
US-25-6	1625	2600	390,000	555,000
US-25-7	1985	3175	476,000	669,000

RED TOP
CAPITOL BOILERS
"A" Series—All Fuels

Boiler No.	Sq Ft Direct Cast Iron Radiation	
	Steam	Water
A-7	340	545
A-8	440	705
A-9	540	865
A-10	640	1025
A-11	740	1185

"B" Series—All Fuels

Boiler No.	Steam	Water
B-7	740	1180
B-8	920	1470
B-9	1110	1770
B-10	1275	2040
B-11	1440	2300
B-12	1580	2530
B-13	1730	2770
B-14	1880	3000

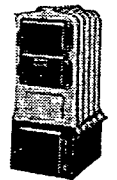
"C" Series—All Fuels

Boiler No.	Sq Ft Direct Cast Iron Radiator	
	Steam	Water
C-12	2250	3600
C-14	2715	4345
C-16	3180	5090
C-18	3645	5830
C-20	4110	6575
C-22	4575	7320
C-24	5040	8065
C-26	5450	8720
C-28	5800	9280
C-30	6110	9775

"DEEPIRE"

HOT WATER
SUPPLY BOILERS
COAL OR OIL

100 lb Working Pressure

Capacity—Gallons
100° rise in 1 Hour

Coal Fired		Oil Fired	
Boiler No.	Gallons	Boiler No.	Gallons
30	132	030	115
40	252	040	165
50	360	050	215
60	450	060	265

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