



# RATINGS CHART – COMMERCIAL BASEBOARD

## J-SERIES

**RATINGS FOR  
CONDENSING  
BOILERS**

With or without dampers

Cover Type	Enclosure Height	Element Type	Tube Size and Material	Fin Size and Material	Fins Per Foot	Steam 1 PSI* Btu/Hr. Per Foot	HOT WATER RATINGS* BTU/HR./FT. (Flow Rate 3 Ft./Sec.)											
							110°F	120°F	130°F	140°F	150°F	160°F	170°F	180°F	190°F	200°F	210°F	220°F
JL-10 JR-10	9 7/8"	S-532	1 1/4" steel	4 1/4" steel	32	1330	266	346	439	532	599	705	811	918	1037	1144	1264	1397
		S-540	1 1/4" steel	4 1/4" steel	40	1430	286	372	472	572	644	758	872	987	1115	1230	1359	1502
		S-832	2" steel	4 1/4" steel	32	1350	270	351	446	540	608	716	824	931	1053	1161	1283	1418
		C-340	3/8" copper	4 1/4" alum.	40	1753	351	456	578	701	789	929	1069	1210	1367	1507	1665	1840
		C-440	1" copper	4 1/4" alum.	40	1860	372	484	614	744	837	986	1135	1283	1451	1600	1767	1953
C-540	1 1/4" copper	4 1/4" alum.	40	1820	364	473	601	728	819	965	1110	1256	1420	1565	1729	1911		
JA-14 JR-14	14"	S-532	1 1/4" steel	4 1/4" steel	32	1380	276	359	455	552	621	731	842	952	1076	1187	1311	1449
		S-540	1 1/4" steel	4 1/4" steel	40	1550	310	403	512	620	698	822	946	1070	1209	1333	1473	1628
		S-832	2" steel	4 1/4" steel	32	1400	280	364	462	560	630	742	854	966	1092	1204	1330	1470
		C-340	3/8" copper	4 1/4" alum.	40	1839	368	478	607	736	828	975	1122	1269	1435	1582	1748	1932
		C-440	1" copper	4 1/4" alum.	40	1950	390	507	644	780	878	1034	1190	1346	1521	1677	1853	2048
C-540	1 1/4" copper	4 1/4" alum.	40	1910	382	497	630	764	860	1012	1165	1318	1490	1643	1815	2006		
JA-21 JR-21	21"	S-532	1 1/4" steel	4 1/4" steel	32	1460	292	380	482	584	657	774	891	1007	1139	1256	1387	1533
		S-540	1 1/4" steel	4 1/4" steel	40	1680	336	437	554	672	756	890	1025	1159	1310	1445	1596	1764
		S-832	2" steel	4 1/4" steel	32	1520	304	395	502	608	684	806	927	1049	1186	1307	1444	1596
		C-340	3/8" copper	4 1/4" alum.	40	2013	403	524	665	805	906	1067	1228	1389	1570	1731	1913	2114
		C-440	1" copper	4 1/4" alum.	40	2130	426	554	703	852	959	1129	1299	1470	1661	1832	2024	2237
C-540	1 1/4" copper	4 1/4" alum.	40	2090	418	544	690	836	941	1108	1275	1442	1630	1797	1986	2195		
JA-21 JR-21 Two-tier element	21"	S-532	1 1/4" steel	4 1/4" steel	32	2190	438	570	723	876	986	1161	1336	1511	1708	1883	2081	2300
		S-540	1 1/4" steel	4 1/4" steel	40	2380	476	619	785	952	1071	1261	1452	1642	1856	2047	2261	2499
		S-832	2" steel	4 1/4" steel	32	2270	454	590	749	908	1022	1203	1385	1566	1771	1952	2157	2384
		C-340	3/8" copper	4 1/4" alum.	40	2822	586	762	967	1172	1270	1496	1721	1947	2200	2427	2784	2963
		C-440	1" copper	4 1/4" alum.	40	2990	598	778	987	1196	1346	1585	1824	2063	2332	2571	2841	3140
C-540	1 1/4" copper	4 1/4" alum.	40	2993	586	762	967	1172	1319	1553	1787	2022	2285	2520	2784	3077		
JA-28 JR-28	28"	S-532	1 1/4" steel	4 1/4" steel	32	1480	296	385	488	592	666	784	903	1021	1154	1273	1406	1554
		S-540	1 1/4" steel	4 1/4" steel	40	1710	342	445	564	684	770	906	1043	1180	1334	1471	1625	1796
		S-832	2" steel	4 1/4" steel	32	1550	310	403	512	620	698	822	946	1070	1209	1333	1473	1628
		C-340	3/8" copper	4 1/4" alum.	40	2051	410	533	677	821	924	1087	1251	1416	1600	1764	1949	2154
		C-440	1" copper	4 1/4" alum.	40	2170	434	564	716	868	977	1150	1324	1497	1693	1866	2062	2279
C-540	1 1/4" copper	4 1/4" alum.	40	2130	426	554	703	852	959	1129	1299	1470	1661	1832	2024	2237		
JA-28 JR-28 Two-tier element	28"	S-532	1 1/4" steel	4 1/4" steel	32	2290	458	596	756	916	1031	1214	1397	1580	1786	1969	2176	2405
		S-540	1 1/4" steel	4 1/4" steel	40	2510	502	653	828	1004	1130	1330	1531	1732	1958	2159	2385	2636
		S-832	2" steel	4 1/4" steel	32	2430	486	632	802	972	1094	1288	1482	1677	1895	2090	2309	2552
		C-340	3/8" copper	4 1/4" alum.	40	2937	588	764	970	1175	1322	1557	1792	2027	2291	2526	2791	3084
		C-440	1" copper	4 1/4" alum.	40	3110	622	809	1026	1244	1400	1648	1897	2146	2426	2675	2955	3266
C-540	1 1/4" copper	4 1/4" alum.	40	3050	610	793	1007	1220	1373	1617	1861	2105	2379	2623	2898	3203		
JA-28 JR-28 Three-tier element	28"	S-532	1 1/4" steel	4 1/4" steel	32	2830	566	736	934	1132	1274	1500	1726	1953	2207	2434	2689	2972
		S-540	1 1/4" steel	4 1/4" steel	40	2930	586	762	967	1172	1319	1553	1787	2022	2285	2520	2784	3077
		S-832	2" steel	4 1/4" steel	32	2880	576	749	950	1152	1296	1526	1757	1987	2246	2477	2736	3024
		C-340	3/8" copper	4 1/4" alum.	40	3467	693	901	1144	1387	1560	1837	2115	2392	2704	2981	3293	3640
		C-440	1" copper	4 1/4" alum.	40	3670	734	954	1211	1468	1652	1945	2239	2532	2863	3156	3487	3854
C-540	1 1/4" copper	4 1/4" alum.	40	3600	720	936	1188	1440	1620	1908	2196	2484	2808	3096	3420	3780		

\*Based on 65°F entering air temperature.

SLANT/FIN CORPORATION, Greenvale, NY 11548 • Phone: (516) 484-2600  
 FAX: (516) 484-5921 • In Canada: Slant/Fin LTD/LTEE, Mississauga, Ontario  
 www.slantfin.com

©Slant/Fin Corp. 2007