



# RATINGS CHART – COMMERCIAL BASEBOARD

## BARE ELEMENTS

Model Number	Tube Size and Material	Fin Size and Material	Fins per Foot	No. of Tiers 7" cl	Pressure Drop †	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
S-532	1 1/2" IPS steel	4 1/2" x 4 1/4" x .024" electro-gal. steel	32	1	420	1080	216	281	356	432	486	572	659	745	842	929	1026	1134
						1950	390	507	644	780	878	1034	1190	1346	1521	1677	1853	2048
						2560	512	666	845	1024	1152	1357	1562	1766	1997	2202	2432	2688
S-540	1 1/2" IPS steel	4 1/2" x 4 1/4" x .024" electro-gal. steel	40	1	420	1300	260	338	429	520	585	689	793	897	1014	1118	1235	1365
						2210	442	575	729	884	995	1171	1348	1525	1724	1901	2100	2321
						2810	562	731	927	1124	1265	1489	1714	1939	2192	2417	2670	2951
S-832	2" IPS steel	4 1/2" x 4 1/4" x .024" electro-gal. steel	32	1	252	1130	226	294	373	452	509	599	689	780	881	972	1074	1187
						2010	402	523	663	804	905	1065	1226	1387	1568	1729	1910	2111
						2650	530	689	875	1060	1193	1405	1617	1829	2067	2279	2518	2783
C-340	3/4" copper	4 1/2" x 4 1/4" x .020" aluminum	40	1	708	1610	322	419	531	644	725	853	982	1111	1256	1385	1530	1691
						2830	566	736	934	1132	1274	1500	1726	1953	2207	2434	2689	2972
						3620	724	941	1195	1448	1629	1919	2208	2498	2824	3113	3439	3801
C-440	1" copper	4 1/2" x 4 1/4" x .020" aluminum	40	1	504	1550	290	390	480	590	700	820	950	1070	1210	1330	1410	1630
						2710	500	670	840	1030	1220	1440	1650	1870	2110	2330	2570	2850
						3480	640	860	1080	1320	1570	1840	2120	2400	2710	2990	3310	3660
C-540	1 1/4" copper	4 1/2" x 4 1/4" x .020" aluminum	40	1	396	1600	300	400	500	600	720	850	980	1100	1250	1380	1520	1680
						2810	520	690	870	1060	1260	1490	1710	1940	2190	2420	2670	2950
						3600	660	890	1120	1360	1620	1910	2200	2480	2810	3100	3420	3780
H-1	3/4" copper	3" x 3 3/4" x .024" aluminum	48	1	708	940	188	244	310	376	423	498	573	649	733	808	893	987
						1390	266	346	439	532	599	705	811	918	1037	1144	1264	1397
						2140	422	549	696	844	950	1118	1287	1456	1646	1815	2005	2216
H-5X	1 1/4" copper	3" x 3 3/4" x .020" aluminum	48	1	396	850	170	221	281	340	383	451	519	587	663	731	808	893
						1290	258	335	426	516	581	684	787	890	1006	1109	1226	1355
						1840	368	478	607	736	828	975	1122	1270	1435	1582	1748	1932

\* Based on 65°F entering air temperature. † Millinches per foot, based on flow rate of 3FPS; according to ASHRAE fundamentals handbook, 2001  
 NOTE: H-3, H-4 and E-3 elements are not recommended for bare-element installation. H-1 is not recommended for steam applications.  
 Ratings are based on active finned length (C series 4" less & S series 5" less than overall length.) (H series-4" less than overall length.)

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