



RATINGS CHART – COMMERCIAL BASEBOARD

BARE ELEMENTS

**RATINGS FOR
CONDENSING
BOILERS**

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	1½" IPS steel electro-gal. steel	4¼" x 4¼" x .024"	32	1	420	1340	268	348	442	536	603	710	817	925	1045	1152	1273	1407
						2410	482	627	795	964	1085	1277	1470	1663	1880	2073	2290	2531
						3170	634	824	1046	1268	1427	1680	1934	2187	2473	2726	3012	3329
S-540	1½" IPS steel electro-gal. steel	4¼" x 4¼" x .024"	40	1	420	1490	398	388	492	596	671	790	909	1028	1162	1281	1416	1565
						2530	506	658	835	1012	1139	1341	1543	1746	1973	2176	2404	2657
						3220	644	837	1063	1288	1449	1707	1964	2222	2512	2769	3059	3381
S-832	2" IPS steel electro-gal. steel	4¼" x 4¼" x .024"	32	1	252	1360	272	354	449	544	612	721	830	938	1061	1170	1292	1428
						2420	484	629	799	968	1089	1283	1476	1670	1888	2081	2299	2541
						3190	638	830	1053	1276	1436	1691	1946	2201	2488	2743	3031	3350
C-340	¾" copper aluminum	4¼" x 4¼" x .020"	40	1	708	1724	345	448	569	690	776	914	1052	1189	1344	1482	1638	1810
						3033	607	789	1001	1213	1366	1608	1851	2094	2366	2609	2882	3186
						3881	776	1009	1281	1552	1747	2057	2367	2678	3027	3338	3687	4075
C-440	1" copper aluminum	4¼" x 4¼" x .020"	40	1	504	1830	366	476	604	732	824	970	1116	1263	1427	1574	1739	1922
						3210	642	835	1059	1284	1445	1701	1958	2215	2504	2761	3050	3371
						4110	822	1069	1356	1644	1850	2178	2507	2836	3206	3535	3905	4316
C-540	1¼" copper aluminum	4¼" x 4¼" x .020"	40	1	396	1790	358	466	591	716	806	949	1092	1235	1398	1539	1701	1880
						3150	630	819	1040	1260	1418	1670	1922	2174	2457	2709	2993	3308
						4030	806	1048	1330	1612	1814	2136	2458	2781	3143	3466	3829	4232
H-1	¾" copper aluminum	3" x 3¼" x .024"	48	1	708	—	225	292	371	449	505	595	685	775	876	966	1067	1179
						—	319	414	526	637	717	844	972	1099	1243	1370	1513	1673
						—	504	655	832	1008	1134	1336	1537	1739	1966	2167	2394	2646
H-5X	1¼" copper aluminum	3" x 3¼" x .020"	48	1	396	1085	217	282	358	434	488	575	662	749	846	933	1031	1139
						1540	308	400	508	616	693	816	939	1063	1201	1324	1463	1617
						2435	487	633	803	974	1096	1291	1485	1680	1899	2094	2313	2557
H-6X	1½" IPS steel aluminized steel	3" x 3¼" x .028"	48	1	420	950	190	247	314	380	428	504	580	656	741	817	903	998
						1440	288	374	475	576	648	763	878	994	1123	1238	1368	1512
						2050	410	533	677	820	923	1087	1251	1415	1599	1763	1948	2153

* 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.

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