



RATINGS CHART – COMMERCIAL BASEBOARD

HD-SERIES

**RATINGS FOR
CONDENSING
BOILERS**

Model Number	Element Type	Rows of Heating Element	Tube Size and Material	Fin Size and Material	Fins per Foot	Water Flow	Pressure Drop†	Steam 1 PSI* Btu/Hr. Per Foot	HOT WATER RATINGS* BTU/HR./FT.													
									110°F	120°F	130°F	140°F	150°F	160°F	170°F	180°F	190°F	200°F	210°F	220°F		
Single-tier, 8½" Models																						
HD-850	H-1	1	¾" copper	3" x ¾" x .024" aluminum	48	1 GPM 4 GPM	47 525	—	190 200	260 270	320 340	390 410	470 500	550 580	640 680	720 760	800 850	890 940	970 1030	1050 1110		
HD-850	H-3	1	¾" copper	2¾" x 2½" x .011" aluminum	55	1 GPM 4 GPM	47 525	—	170 180	230 240	290 310	350 370	420 440	490 520	570 600	640 680	720 760	790 840	870 920	940 990		
HD-850	H-4	1	1" copper	3" x 2½" x .011" aluminum	48	1 GPM 4 GPM	13 145	—	170 180	230 240	280 300	340 360	410 430	460 500	560 590	630 670	710 750	780 830	860 1000	1030 980		
HD-850	H-5X	1	1¼" copper	3" x ¾" x .020" aluminum	48	1 GPM 4 GPM	6 63	1160	180 190	240 250	300 320	360 380	430 460	550 560	600 640	680 710	770 810	860 880	920 980	1010 1070		
HD-850	H-6X	1	1¼" IPS steel	3" x ¾" x .028" aluminized steel	48	1 GPM 4 GPM	3 41	980	150 160	200 210	250 260	300 320	360 370	440 450	510 540	570 600	640 680	710 750	780 830	850 900		
Two-tier, 14" Models																						
HD-1400	H-1	2	¾" copper	3" x ¾" x .024" aluminum	48	1 GPM 4 GPM	47 525	—	280 300	380 400	480 510	580 610	690 730	820 870	940 990	1070 1130	1190 1260	1320 1400	1450 1530	1570 1660		
HD-1400	H-3	2	¾" copper	2¾" x 2½" x .011" aluminum	55	1 GPM 4 GPM	47 525	—	270 290	360 380	450 480	550 580	650 690	770 810	880 930	1000 1060	1110 1170	1230 1300	1340 1420	1460 1540		
HD-1400	H-4	2	1" copper	3" x 2½" x .011" aluminum	48	1 GPM 4 GPM	13 145	—	260 270	350 370	440 470	540 570	640 680	740 790	870 920	990 1050	1100 1160	1220 1290	1330 1400	1440 1480		
HD-1400	H-5X	2	1¼" copper	3" x ¾" x .020" aluminum	48	1 GPM 4 GPM	6 63	1630	270 290	360 380	450 480	550 580	650 690	820 850	900 950	1030 1080	1160 1220	1290 1340	1400 1480	1530 1620		
HD-1400	H-6X	2	1¼" IPS steel	3" x ¾" x .028" aluminized steel	48	1 GPM 4 GPM	3 41	1440	230 240	320 340	400 420	490 520	580 600	710 740	810 850	920 970	1030 1090	1140 1210	1260 1330	1370 1450		

* Based on 65°F entering air temperature. † Millinches per foot.
Note: Ratings are based on active finned length (3" less than overall length), and include 15% heating effect factor.
 Use 4 GPM rating only when flow is known to be equal to or greater than 4 GPM; otherwise 1 GPM ratings must be used.