



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	47	—	190	260	320	390	470	550	640	720	800	890	970	1050		
						4 GPM	525		200	270	340	410	500	580	680	760	850	940	1030	1110		
HD-850	H-3	1	¾" copper	2¾" x 2½" x .011" aluminum	55	1 GPM	47	—	170	230	290	350	420	490	570	640	720	790	870	940		
						4 GPM	525		180	240	310	370	440	520	600	680	760	840	920	990		
HD-850	H-4	1	1" copper	3" x 2½" x .011" aluminum	48	1 GPM	13	—	170	230	280	340	410	460	560	630	710	780	860	1030		
						4 GPM	145		180	240	300	360	430	500	590	670	750	830	1000	980		
HD-850	H-5X	1	1¼" copper	3" x ¾" x .020" aluminum	48	1 GPM	6	1160	180	240	300	360	430	550	600	680	770	860	920	1010		
						4 GPM	63		190	250	320	380	460	560	640	710	810	880	980	1070		
HD-850	H-6X	1	1¼" IPS steel	3" x ¾" x .028" aluminized steel	48	1 GPM	3	980	150	200	250	300	360	440	510	570	640	710	780	850		
						4 GPM	41		160	210	260	320	370	450	540	600	680	750	830	900		
Two-tier, 14" Models																						
HD-1400	H-1	2	¾" copper	3" x ¾" x .024" aluminum	48	1 GPM	47	—	280	380	480	580	690	820	940	1070	1190	1320	1450	1570		
						4 GPM	525		300	400	510	610	730	870	990	1130	1260	1400	1530	1660		
HD-1400	H-3	2	¾" copper	2¾" x 2½" x .011" aluminum	55	1 GPM	47	—	270	360	450	550	650	770	880	1000	1110	1230	1340	1460		
						4 GPM	525		290	380	480	580	690	810	930	1060	1170	1300	1420	1540		
HD-1400	H-4	2	1" copper	3" x 2½" x .011" aluminum	48	1 GPM	13	—	260	350	440	540	640	740	870	990	1100	1220	1330	1440		
						4 GPM	145		270	370	470	570	680	790	920	1050	1160	1290	1400	1480		
HD-1400	H-5X	2	1¼" copper	3" x ¾" x .020" aluminum	48	1 GPM	6	1630	270	360	450	550	650	820	900	1030	1160	1290	1400	1530		
						4 GPM	63		290	380	480	580	690	850	950	1080	1220	1340	1480	1620		
HD-1400	H-6X	2	1¼" IPS steel	3" x ¾" x .028" aluminized steel	48	1 GPM	3	1440	230	320	400	490	580	710	810	920	1030	1140	1260	1370		
						4 GPM	41		240	340	420	520	600	740	850	970	1090	1210	1330	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.