

Slant/Fin.

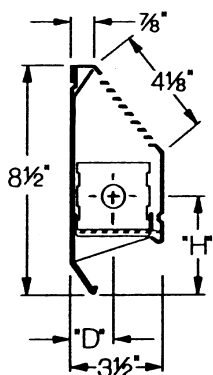


HD SERIES

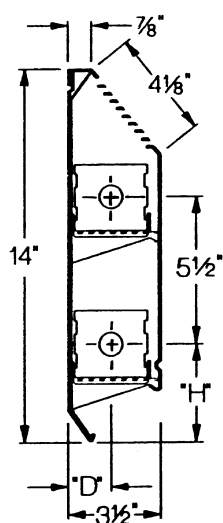
HEAVY DUTY, 16 GAUGE SLOPE-TOP BASEBOARD



Custom Heights
& Configurations
Available



HD-850



HD-1400

Element	"H"	"D"
H-1	4 1/16"	1 3/4"
H-3, H-4	3 5/8"	1 5/8"
H-5x, H-6x	4"	1 3/4"

The extraordinary strength of HD Series baseboard makes it ideal for installation in sites where rugged treatment is anticipated. HD Series is especially recommended for rental properties, military housing, schools, institutions and public housing. Its compact size and high output make it suitable for a wide range of new and retrofit applications. In addition to heavy gauge enclosure and support brackets, HD Series baseboard cover is secured in place with square drive screws at each bracket location. Optional 1" and 1 1/4" copper/aluminum elements permit higher flow rates, longer series-loop runs and lower pump loads where required. With the 1 1/4" all-steel element, HD Series is perfect for use in one or two pipe steam systems. HD Series is shipped pre-assembled in individual cartons for rapid installations.

ORDERING DATA

PACKAGING: Complete two-piece enclosure assembly factory packaged with necessary brackets and hangers.

CONSTRUCTION: Full back panel with interlocking slope-top front panel. Bracket with element guide spot welded to back panel every 24 inches alternating with cabinet spacer welded to back panel every 24 inches giving rigid support to front every 12 inches. There are dimpled anchoring holes every 12 inches. For fastening front to brackets, use 8 x 3/8" self tapping screws with counter-sunk head as supplied in carton. Pencil proof louvers. Damper optional.

DEPTH: 3 1/2"

HEIGHTS: 8 1/2" (one tier), 14" (one or two tier)

LENGTHS: 2', 3', 3 1/2', 4', 5', 6', 7', 8'. Other 1/2' lengths available to order

MATERIAL: 16-gauge steel front cover, 20-gauge back panel.

FINISH: Galvanized is standard. Custom color available on special order.

ELEMENTS: Choice of five elements. Copper with aluminum fins. Steel with electro-galvanized steel fins. Lengths from 2 to 8 feet. From 710 to 1340 Btu/hr/ft at 200° F water temperature. See p. 30.

JOINTS: Telescopic cover accessories eliminate the need to perfectly butt one length of cover to the next. Critical linear and vertical tolerances are eliminated because telescopic assembly absorbs misalignment that might result from uneven floors and walls. Accessories are fastened to cover with pan-head sheet metal screws (supplied by others).

RATINGS

Model Number	Element Type	Rows of Heating Element	Tube Size and Material	Fin Size and Material	Fins per Foot	Water Flow	Pressure Drop†	Steam 1PSI* Btu/Hr. Per Foot	HOT WATER RATINGS* BTU/HR./FT.							
									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 3¼" x .024" aluminum	48	1 GPM 4 GPM	47 525	—	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	—	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	—	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 3¼" x .020" aluminum	48	1 GPM 4 GPM	6 63	1160	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 3¼" x .028" aluminized steel	48	1 GPM 4 GPM	3 41	980	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 3¼" x .024" aluminum	48	1 GPM 4 GPM	47 525	—	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	—	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	—	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 3¼" x .020" aluminum	48	1 GPM 4 GPM	6 63	1630	650 690	820 850	900 950	1030 1080	1160 1220	1290 1340	1400 1480	1530 1620
HD-1400	H-6X	2	1½" IPS steel	3" x 3¼" x .028" aluminized steel	48	1 GPM 4 GPM	3 41	1440	580 600	710 740	810 850	920 970	1030 1090	1140 1210	1260 1330	1370 1450

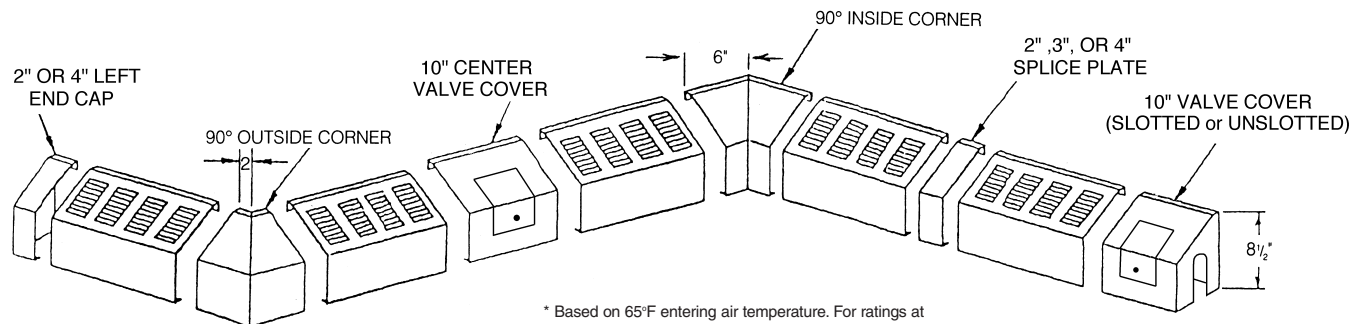
* Based on 65°F entering air temperature.

† 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.

ACCESSORIES



* Based on 65°F entering air temperature. For ratings at lower water temperature, refer to conversion table on page 33.

Access doors: 6" x 6"