

Heat-Base™ 750

Residential

Slim and unobtrusive, this low profile Model 750's BTU output is ideal for efficient, economical residential heating installations. The 750 Series comes standard with a 22 Gauge front cover* and is also available with a heavy duty 18 Gauge Front Covers (Model 758) for those high traffic areas, as well as 1/2" Copper.

*Stocked in 2-3-4-5-6-7-8-10 foot lengths, both complete (with elements) and enclosure only (less element).

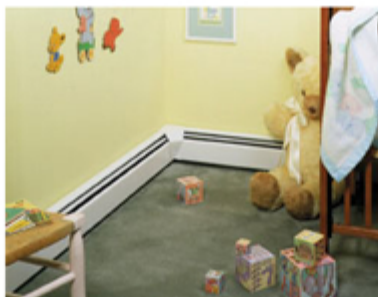
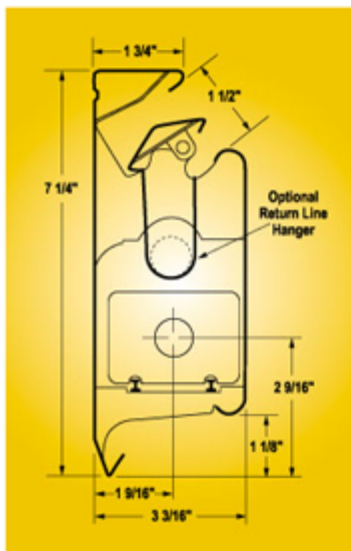


Table 1 - Heating Capacities, BTU per hr per lin. ft. 65 degrees entering air temperature I-B-R approved

Model	Nominal Tube Size	Finish Dimensions H X W	Thick-ness	Finish Spacing Fins/Ft.	Water Rate GPM	Hot Water Ratings Average Water Temperature degrees F															
						90*	100*	110*	120*	130*	140*	150*	160*	170*	180*	190*	200*	210*	220*	230*	240*
Heat-Base 750-1B	3/4" Copper	2 1/8" X 2 1/2" Natural Finish	0.008	54.5	--	90*	100*	110*	120*	130*	140*	150*	160*	170*	180*	190*	200*	210*	220*	230*	240*
					4	70*	110*	170*	230*	280*	340*	410	480	550	610	690	760	820	900	970	1040
					1	70*	110*	160*	210*	270*	330*	390	450	520	580	650	720	780	850	920	980

* Ratings at 140° F and lower temperatures determined by multiplying 150°F rating by the applicable factor specified in Table E in the I-B-R Testing and Rating Standard for Baseboard Radiation. All the above I-B-R Ratings are based on active length, which is 3" less than total length, and includes a 15% addition for heating effect.

Ratings: Heating capacities are listed in Table 1 for two flow rates: 1 GPM and 4 GPM. The use of I-B-R Ratings at 4 GPM is limited to installations where the water flow rate through the baseboard unit is equal to or greater than 4 GPM. Where the water flow rate through the baseboard is not known, the I-B-R Ratings at the standard flow rate of 1 GPM must be used.

Table 2 - Factors for ratings at flow other than standard and pressure drop values

Rate of Flow GPM	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	6.0
Factor	1.000	1.016	1.028	1.038	1.045	1.051	1.057	1.062	1.067	1.074
Pressure Drop 3/4" Tube Mill inches per ft.	47	96	157	230	320	420	525	650	775	1060



Note: If the calculated water flow rate through a baseboard unit in a completely designed hot water heating system is greater than the standard flow rate (1 GPM), the rating of that unit may be increased by multiplying the standard I-B-R Rating at 1 GPM by the factor shown for the calculated flow rate.