

Baseray®

Cast Iron Baseboard Radiators

Product Guide



Installer Highlights

- Water or steam
- Floor-standing or wall-mounted (with top supports)
- Residential or commercial
- Versatile lengths and corners
- Pre-primed (oil-based alkyd) for immediate top-coat paint finishing (premium oil or solvent -based)
- 1-6 ft. assemblies available from factory
- Field-assembly lengths from 6.5-24 ft. (water)
- Complete assembly instructions available; Baseray Installation & Operations Manual 103829-02

Homeowner Benefits

- Even, floor-to-ceiling heat distribution
- Cast-iron construction, superior to common aluminum finned baseboards
 - Virtually silent, no expansion noises
 - Simple single-piece sections
 - Durable surface
 - Dent resistant
- Timeless design, unobtrusively blends into virtually any decor
- Ready for painting, no priming needed

Baseray

RATINGS

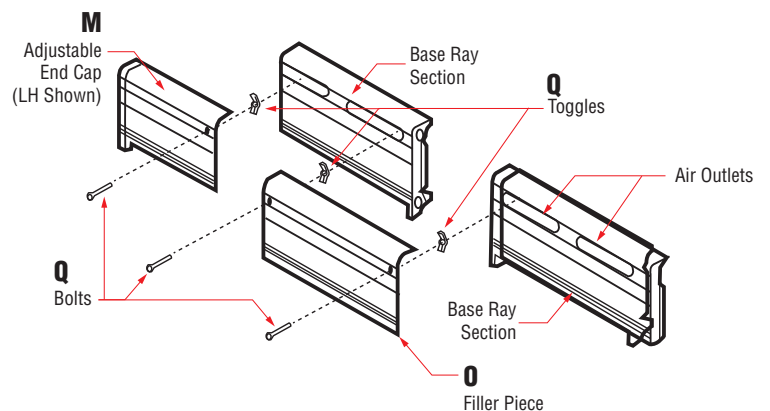
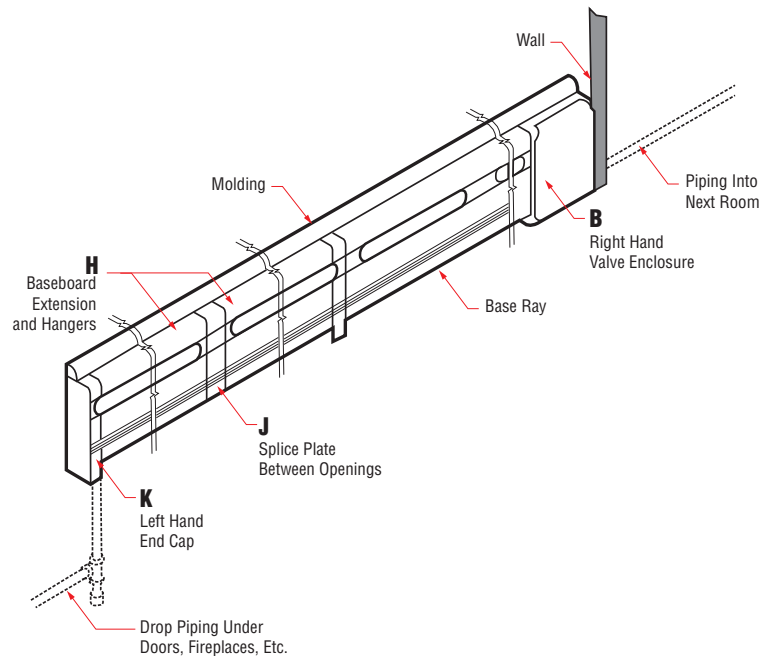
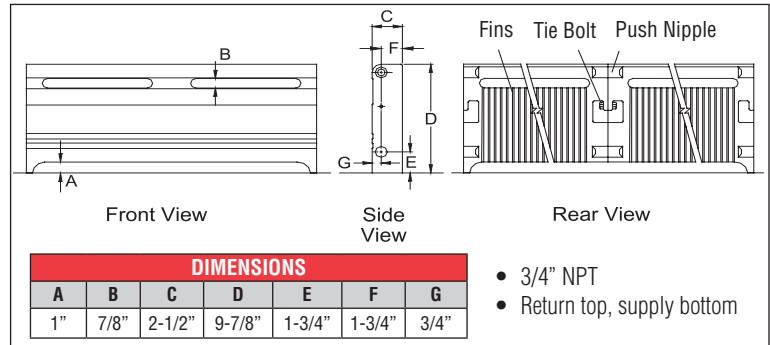
MODEL NO.	APPROX WT lbs. Per Linear Foot	FLOW RATE	NET STEAM RATING		NET WATER RATINGS BTUH Per Linear Foot At Average Water Temperatures Indicated							
			Sq. Ft.	BTU/Hr. At 215°F	150°F	170°F	180°F	190°F	200°F	210°F	220°F	230°F
9A	15	Lb./Hr.										
		2000	3.40	820	410	550	620	690	750	810	880	940
		500	3.40	820	390	520	590	650	710	770	830	890

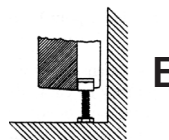
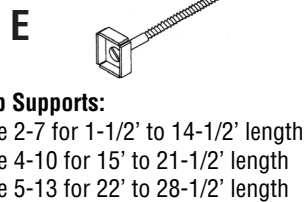
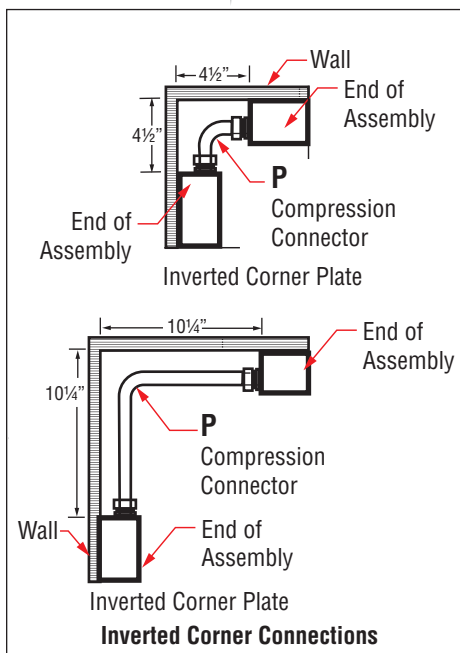
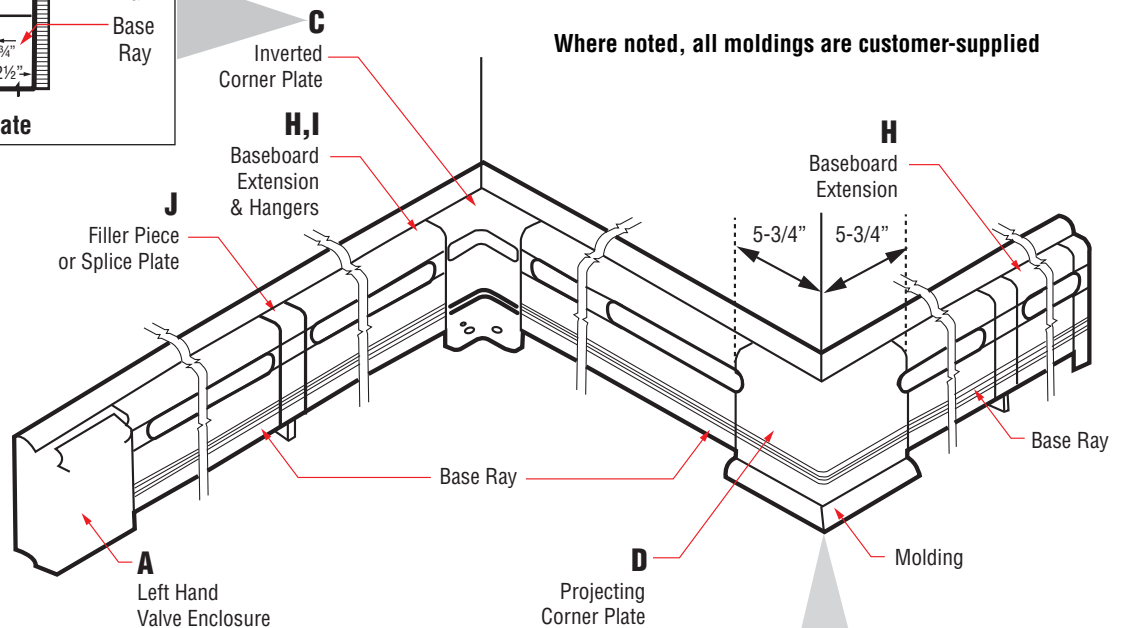
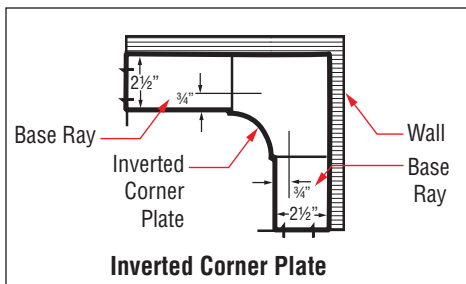
Use of the 2,000 Lb./Hr. ratings is limited to installations where the flow rate through the baseboard unit is equal to or greater than 2,000 Lb./Hr. (4GPM). Where the water flow rate through the Baseray is not known, the ratings at the standard flow rate of 500 Lb./Hr. (1GPM) must be used. Net AHRI Ratings are determined from tests made in accordance with the AHRI Testing and Rating Code for baseboard type radiation, including an allowance of 15% for heating effect permitted by the Code. Maximum allowable working pressure - 30 PSI, water; 15 PSI, steam. Water content - 0.3 gal./lineal foot. For pressure drop information, see installation manual. Water Content Per Section: 0.3 gallons per linear foot. Ratings are based on active length (equals total length).



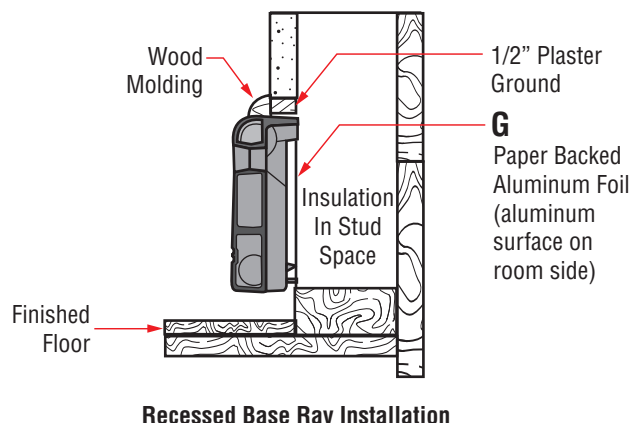
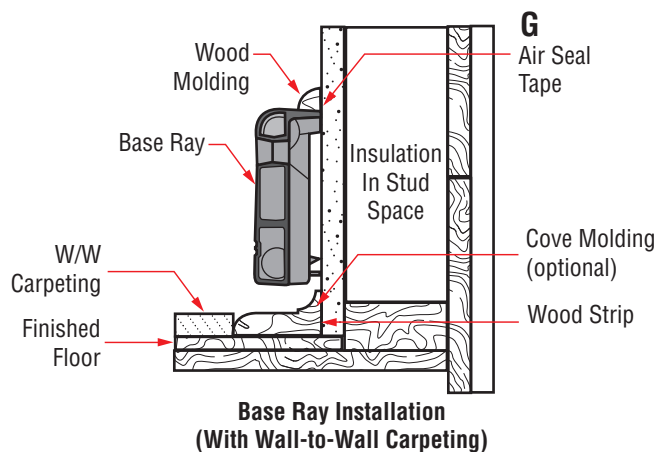
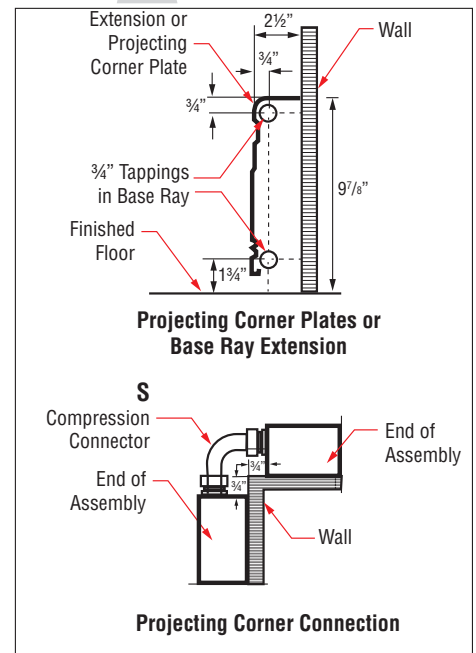
COMPONENTS, PARTS, AND ACCESSORIES

Key	Description	Dimensions	Part Number
A	Left hand valve enclosure	5" W x 2-3/8" D	6074119
B	Right hand valve enclosure	5" W x 2-3/8" D	6074120
C	Inverted corner plate, 90°	4-5/8"	80741603
		10-5/8"	80741604
D	Projecting corner plate	—	7074102
E	Support (top type)	—	6074116
	Support (bottom type)	—	6074118
F	Aluminum foil roll, 9A (paper-backed)	100' x 13" W	80741608
G	Air-seal tape	60 yards, 1" W	80741609
H	Baseboard extension	6' length (per)	6074115
I	Baseboard extension hangers	—	7074103
J	Splice plate	2"	7074105
K	Left end cap (use with BB ext. only)	1"	6074113
L	Right end cap (use with BB ext. only)	1"	6074114
M	Left adjustable end cap	1" to 9"	6074111
N	Right adjustable end cap	1" to 9"	6074112
O	Adjustable filler piece (cut to fit)	12"	7074109
P Compression Corner Connectors			
Q	90-S (2 needed) for 4-5/8" corner plate	—	80741619
	90-XL (2 needed) for 10-5/8" corner plate	—	80741620
Q	Bolt & toggle for extensions	—	80861610
	Loctite #592, 50ml tube	—	8056254
	Valve enclosure hardware kit	—	102599-01
	Base Ray assembly tool	—	80741618
HARDWARE FOR BASEBOARD ASSEMBLY IN FIELD			
	Push nipple	3/4"	109248-01
	Plug	3/4"	806603535
	Bushing	3/4" x 1/2"	806600523
	Hex bushing for vent	3/4" x 1/8"	806600519
	Bolt	3/8-16 x 1-1/4"	80860100
	Heavy hex nut	3/8-16	80860400





Bottom Supports (off floor):
 Use 1 per 8 feet



Short Radiators

Factory-Assembled

Includes bushings for piping, shipped on pallets.

Length (ft.)	Finished End	Order Item	Reference Only – Components Included						
			Panel 1.5'	Panel 2.0'	Left End 1.5'	Left End 2.0'	Interm. 2.0'	Right End 2.0'	Right End 1.0'
1.5	Both	9A1.5C	1						
2.0	Both	9A2C		1					
2.5	Both	9A2.5C			1				1
3.0	Both	9A3C				1			1
3.5	None	9A3.5C			1			1	
4.0	Both	9A4C				1		1	
4.5	Both	9A4.5C			1		1		1
5.0	Both	9A5C				1	1		1
5.5	Both	9A5.5C			1		1	1	
6.0	Both	9A6C				1	1	1	

Long Radiators

Field-Assembled

Sub-assemblies purchased separately
(shown as **yellow** in sub-assembly chart below)

Components purchased separately.

6'+ sections require support hardware.

Allow additional room for end termination pieces
and plumbing.

Assemblies are shipped on pallets.

Length (ft.)	Finished End (after assy.)	Order Item (left)	Order Item (center)	Order Item (right)	Length (ft.)	Finished End (after assy.)	Order Item (left)	Order Item (center)	Order Item (right)
6.5	Both	9A5.5L	—	9A1R	15.5	Both	9A5.5L	9A6I	9A4R
7.0	Both	9A6L	—	9A1R	16.0	Both	9A6L	9A6I	9A4R
7.5	Both	9A5.5L	—	9A2R	16.5	Both	9A5.5L	9A6I	9A5R
8.0	Both	9A6L	—	9A2R	17.0	Both	9A6L	9A6I	9A5R
8.5	Both	9A5.5L	—	9A3R	17.5	Both	9A5.5L	9A6I	9A6R
9.0	Both	9A6L	—	9A3R	18.0	Both	9A6L	9A6I	9A6R
9.5	Both	9A5.5L	—	9A4R	18.5	Both	9A5.5L	9A6I (x2)	9A1R
10.0	Both	9A6L	—	9A4R	19.0	Both	9A6L	9A6I (x2)	9A1R
10.5	Both	9A5.5L	—	9A5R	19.5	Both	9A5.5L	9A6I (x2)	9A2R
11.0	Both	9A6L	—	9A5R	20.0	Both	9A6L	9A6I (x2)	9A2R
11.5	Both	9A5.5L	—	9A6R	20.5	Both	9A5.5L	9A6I (x2)	9A3R
12.0	Both	9A6L	—	9A6R	21.0	Both	9A6L	9A6I (x2)	9A3R
12.5	Both	9A5.5L	9A6I	9A1R	21.5	Both	9A5.5L	9A6I (x2)	9A4R
13.0	Both	9A6L	9A6I	9A1R	22.0	Both	9A6L	9A6I (x2)	9A4R
13.5	Both	9A5.5L	9A6I	9A2R	22.5	Both	9A5.5L	9A6I (x2)	9A5R
14.0	Both	9A6L	9A6I	9A2R	23.0	Both	9A6L	9A6I (x2)	9A5R
14.5	Both	9A5.5L	9A6I	9A3R	23.5	Both	9A5.5L	9A6I (x2)	9A6R
15.0	Both	9A6L	9A6I	9A3R	24.0	Both	9A6L	9A6I (x2)	9A6R

Sub-Assembly Components

For field assembly or field service

Item numbers shown in **yellow** are sub-assemblies
that are ordered for field assembly of Long
Radiators.

Items from this section are also used in both
factory assembled Short Radiators and field
assembled Long Radiators (shown above).

Left and right sections include tie bolts, push
nipples, and bushings.

Length (ft.)	Finished End	Order Item	Reference Only – Components Included						
			Panel 1.5'	Panel 2.0'	Left End 1.5'	Left End 2.0'	Interm. 2.0'	Right End 2.0'	Right End 1.0'
1.0	Right	9A1R							1
1.5	Left	9A1.5L			1				
2.0	None	9A2I					1		
2.0	Right	9A2R						1	
2.0	Left	92L				1			
3.0	Right	9A3R					1		1
3.5	Left	9A3.5L			1		1		
4.0	Right	9A4R					1	1	
4.0	Left	9A4L				1	1		
4.0	None	9A4I					2		
5.0	Right	9A5R					2		1
5.5	Left	9A5.5L			1		2		
6.0	Left	9A6L				1	2		
6.0	Right	9A6R					2	1	
6.0	None	9A6I					3		

