Slant/Fin 350 Series

HIGH-OUTPUT, SLOPE-TOP BASEBOARD

Now available for Fine/Line 30

Decorator Series • BASEBOARD & COMMERCIAL FIN-TUBE •
Colors to enhance any décor!

The heft of commercial radiation with the convenience and economy of baseboard.
350 Series: High-Output, Slope-Top Baseboard

- Two heights for one or two heating element tiers
- Nu-White enamel finish standard
- 5 heating element selection
- Fully assembled and factory packaged
- Room control damper optional
- Extra backbone
- Strong front panel resists kicks & dents
- Available in 8 additional decorator colors

350 Series baseboard combines, for the first time, the compactness and economy of baseboard with the high output and heavy-duty construction needed for “in-between” applications. 350 Series makes baseboard practical for industrial and commercial use, as well as garden apartments, multi-story construction and custom residential heating. It is also the perfect supplement for Slant/Fin ¾” baseboard, in “problem areas” of high heat loss or limited wall space. Optional 1” and 1¼” copper/aluminum elements permit higher flow rates, longer series-loop runs and lower pump loads where required. With the 1¼” all-steel element, 350 Series is perfect for use in one or two pipe steam systems. 350 Series is factory pre-assembled in individual cartons for rapid installations.

Matching snap-on accessories let you speed through virtually any job condition without custom cutting and fitting. Piano hinged accessories permit easy access with flush or recessed installation.

“CAST-IRON” RUGGEDNESS: 350 Series is engineered throughout for maximum strength. Super-strong enclosures. Extra-strength steel brackets. Heavy-duty copper and steel tubing with full mill rated bursting strength. Rock-solid interlocking fin elements are so strong you can stand on them.

“CONTRACTOR-DESIGNED” for fast, economical installation. 350 Series goes straight from carton to wall—without sorting parts, wasting time. Factory pre-cut lengths of 2 to 8 feet combine with snap-on telescoping accessories to make wall-to-wall installations without cutting.
ACCESSORIES

END CAP
* 2" solid or 4" hinged (slotted or unslotted)

SPLICE PLATE
* 2" 1-piece

OUTSIDE CORNER
90° or 135° (or custom angle)

INSIDE CORNER
* 90° 6" wide, 135° 4" wide (or custom angle)

FILLER SLEEVE
3-PIECE

WALL TRIM

VALVE COVER
(slotted or unslotted)

DIMENSIONS

ORDERING DATA

PACKAGING: Complete 350 Series baseboard enclosures are factory assembled and individually packaged. Cover and heating elements are packaged and sold separately. Cover includes brackets and expansion cradles. Cover may be ordered with optional fully modulating damper.

CONSTRUCTION: Back panel, front cover and optional damper fully assembled at factory, ready to fasten to the wall.

DEPTH: 3 ½"

HEIGHTS: 9 ¼" (one tier) and 13 ½" (one or two tier)

LENGTHS: 2', 3', 3 ½', 4', 5', 6', 7', 8'

MATERIAL: 19-gauge steel or 16-gauge galvanized steel front cover. 24-gauge back cover. 17-gauge brackets.

ELEMENT SUPPORT: Self-adjusting, polypropylene brackets, allowing quiet expansion.

FINISH: 19-gauge model: Nu-White enamel finish. 16-gauge model: galvanized finish. Custom colors available.

350 SERIES MODELS:
Model 351 with H-1, ¾" copper/aluminum fins
Model 353 with H-3, ¾" copper/aluminum fins
Model 354 with H-4, 1" copper/aluminum fins
Model 355 with H-5X, 1¼" copper/aluminum fins
Model 356 with H-6X, 1¼" steel/aluminized steel fins

MODEL ELEMENT “A”

<table>
<thead>
<tr>
<th>Model</th>
<th>Element</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>351</td>
<td>H-1</td>
<td>3 15/16&quot;</td>
</tr>
<tr>
<td>353</td>
<td>H-3</td>
<td>3 5/8&quot;</td>
</tr>
<tr>
<td>354</td>
<td>H-4</td>
<td>3 5/8&quot;</td>
</tr>
<tr>
<td>355</td>
<td>H-5X</td>
<td>3 15/16&quot;</td>
</tr>
<tr>
<td>356</td>
<td>H-6X</td>
<td>3 15/16&quot;</td>
</tr>
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</table>
## 350 Series Ratings

### Single-tier, 9 7/8" Models

<table>
<thead>
<tr>
<th>Model #</th>
<th>Element Type</th>
<th>Rows of Heating Element</th>
<th>Tube Size &amp; Material</th>
<th>Fin Size &amp; Material</th>
<th>Fins Per Foot</th>
<th>Water Flow</th>
<th>Steam 1 PSI Btu/Per Foot</th>
<th>Pressure Drop †</th>
<th>Hot Water Ratings ‡ Btu/Hr./FT.</th>
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<tbody>
<tr>
<td>351-10</td>
<td>H-1</td>
<td>1</td>
<td>3/4&quot; x 3/8&quot;.024&quot; copper</td>
<td>48</td>
<td>1 GPM</td>
<td>47</td>
<td>4 PSI 525</td>
<td>230</td>
<td>110°F 120°F 130°F 140°F 150°F 160°F 170°F 180°F 190°F 200°F 210°F 220°F</td>
</tr>
<tr>
<td>353-10</td>
<td>H-3</td>
<td>1</td>
<td>3/4&quot; x 3/8&quot;.011&quot; aluminum</td>
<td>48</td>
<td>1 GPM</td>
<td>47</td>
<td>4 PSI 525</td>
<td>230</td>
<td>110°F 120°F 130°F 140°F 150°F 160°F 170°F 180°F 190°F 200°F 210°F 220°F</td>
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<tr>
<td>355-10</td>
<td>H-5X</td>
<td>1</td>
<td>1 1/4&quot; x 3/8&quot;.020&quot; aluminum</td>
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<td>1 GPM</td>
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</tr>
<tr>
<td>356-10</td>
<td>H-6X</td>
<td>1</td>
<td>1 1/4&quot; IPS steel</td>
<td>3 x 3/8&quot;.028&quot;</td>
<td>47</td>
<td>4 PSI 525</td>
<td>230</td>
<td>110°F 120°F 130°F 140°F 150°F 160°F 170°F 180°F 190°F 200°F 210°F 220°F</td>
<td></td>
</tr>
</tbody>
</table>

### Two-tier, 13 7/8" Models

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<tr>
<th>Model #</th>
<th>Element Type</th>
<th>Rows of Heating Element</th>
<th>Tube Size &amp; Material</th>
<th>Fin Size &amp; Material</th>
<th>Fins Per Foot</th>
<th>Water Flow</th>
<th>Steam 1 PSI Btu/Per Foot</th>
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<th>Hot Water Ratings ‡ Btu/Hr./FT.</th>
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<tbody>
<tr>
<td>351-14</td>
<td>H-1</td>
<td>1</td>
<td>3/4&quot; x 3/8&quot;.024&quot; copper</td>
<td>48</td>
<td>1 GPM</td>
<td>47</td>
<td>4 PSI 525</td>
<td>230</td>
<td>110°F 120°F 130°F 140°F 150°F 160°F 170°F 180°F 190°F 200°F 210°F 220°F</td>
</tr>
<tr>
<td>353-14</td>
<td>H-3</td>
<td>1</td>
<td>3/8&quot; x 3/8&quot;.011&quot; aluminum</td>
<td>48</td>
<td>1 GPM</td>
<td>47</td>
<td>4 PSI 525</td>
<td>230</td>
<td>110°F 120°F 130°F 140°F 150°F 160°F 170°F 180°F 190°F 200°F 210°F 220°F</td>
</tr>
<tr>
<td>354-14</td>
<td>H-4</td>
<td>1</td>
<td>1&quot; x 3/8&quot;.011&quot; aluminum</td>
<td>48</td>
<td>1 GPM</td>
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<tr>
<td>355-14</td>
<td>H-5X</td>
<td>1</td>
<td>1 1/2&quot; x 3/8&quot;.020&quot; aluminum</td>
<td>48</td>
<td>1 GPM</td>
<td>47</td>
<td>4 PSI 525</td>
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### Specifications

**Cover Assembly**
Furnish and install 350 Series model baseboard cover assembly as manufactured by Slant/Fin Corp., consisting of one-piece, back and top panel, and one-piece front panel, formed of cold rolled steel. Bottom and top edges of back panel shall be formed to provide channels along entire length, to receive full-height support brackets. Brackets shall be die-formed of electro galvanized cold rolled steel, for rigid bracing and spring locking. Slide-action expansion cradles, formed of polypolypropylene, shall be inserted between heating element and support bracket. Cradles shall protect element bottom and sides from contact with brackets or cover, confining element to free lateral expansion for noiseless operation. All cover components with a 1 1/4" front cover shall be painted in Nu-White thermosetting polyester enamel and all cover components with a 19-gauge front cover shall be provided with each element pipe shall be expanded to be threaded with IPS standard threads.

**Extra-cost Options**
Optional damper shall be provided for each length of enclosure, and shall modulate fully and freely, yet retain any setting through its arc. Optional 16-gauge steel with galvanized finish front cover shall be provided with each length of enclosure. Special colors available per architect selection or pub. no. SPC-40.

**H-1 Element**
Furnish and install H-1 baseboard heating element as manufactured by Slant/Fin Corp., consisting of 3/4" nominal copper tubing, with 3" x 3 1/4" x .024" aluminum fins, spaced 48 per linear foot. The tubing shall not be weakened by expansion in process of manufacture, but shall be forced through undersized fin holes to obtain a force-fit mechanical bond. A flange with four teeth shall be formed on each fin to increase thermal contact and to space and lock the fins uniformly in place. One end of each element tube shall be expanded to receive the unexpanded end of another, without couplings.

**H-3 Element**
Furnish and install H-3 baseboard heating element as manufactured by Slant/Fin Corp., consisting of 3/4" nominal copper tubing, with 3" x 3/8" x .024" aluminum fins spaced 48 per linear foot. The tubing shall not be weakened by expansion in process of manufacture, but shall be forced through undersized fin holes to obtain a force-fit mechanical bond. A flange with four teeth shall be formed on each fin to increase thermal contact and to space and lock the fins uniformly in place. One end of each element tube shall be expanded to receive the unexpanded end of another, without couplings.

**H-4 Element**
Furnish and install H-4 baseboard heating element as manufactured by Slant/Fin Corp., consisting of 1" nominal copper tubing, with 3 1/2" x 2 1/2" x .011" aluminum fins bent to 3" x 2 1/2" spaced 48 per linear foot. The tubing shall not be weakened by expansion in process of manufacture, but shall be forced through undersized fin holes to obtain a force-fit mechanical bond. A flange with four teeth shall be formed on each fin to increase thermal contact and to space and lock the fins uniformly in place. One end of each element pipe shall be expanded to be threaded with IPS standard threads.