Low profile hot water baseboard radiation

The compact baseboard with quality features
Fine/Line 15 baseboard is designed for fast, simple installation from the moment you open the first carton to when you snap on the last accessory. Fine/Line 15 baseboard features include a high performance heating element, sure grip support brackets and low profile reinforced enclosure. You can count on cost-effective installations that look good for years and years.

Fine/Line 15 installs fast. Pre-cut lengths from 2’ to 12’ are fully assembled and packed in heavy-duty, multi-wall reinforced cartons to protect the baseboard from shipping damage. You can figure your runs in half-foot increments using the 3½’ length, and then make up odd inches with the telescoping accessories. Corners, end caps, piano-hinged wall trims and filler sleeves snap positively in place to reduce installation time and enhance appearance. The Nu-White baked enamel finish complements any decor or may be painted to match other room accents.

Hot water baseboard heating preferred by 88% of homeowners surveyed!

Research shows that of homeowners who have experienced both warm air heating and hot water heating, 88% prefer the comfort, health benefits and cleanliness of hot water baseboard heating.

**Ducted warm air heating**
- Drafty, uneven heating
- Dirty ducts breed and spread germs
- Noisy • Difficult to zone
- Less efficient

Builders and owners of better homes choose Slant/Fin hydronic boiler-baseboard heating. A Slant/Fin hot water baseboard perimeter system surrounds you with quiet, draft-free heating comfort.

**Slant/Fin hot water heating**
- Gentle, even heating from floor to ceiling
- Germs don’t breed/spread
- Quiet • Easy to zone
- More efficient

**Install better baseboard jobs...**

Factory assembled for fast package-to-wall installation using screw gun, nails or T-shot nailing tool.

High performance heating element with self-adjusting expansion cradle rides on heavy-duty support bracket.

Computer-assisted manu quality and fit, length-to-
Made by Slant/Fin.  
Better in design, engineering and performance.

**Sure-grip support brackets** keep the front panel rigidly in place to avoid “pop-off”. Bracket is manufactured from heavy gauge steel, shaped by a series of progressive die strikes which multiply the strength of the metal alone. The bracket becomes a powerful “spine” for the entire unit, holding cover, element and damper vane securely in place.

**Strong enclosure** holds its shape under rugged use. The unique channeled front panel resists twisting and adds lateral strength. Front panel and one-piece bottom, back and top panels are formed from prime, cold rolled, rephosphorized heavy gauge steel. Precision accessories snap in place and stay in place.

**Contractor friendly.** Enclosure, bracket and accessories are designed with the contractor in mind. Optional 180° vented or non-vented return bend aligns return tubing to run above the heating element. Hinged accessories telescope laterally for precise fit while providing flip-up access to tubing.

1/2” or 3/4” high performance heating elements. Choice of element size broadens range of applications and can help reduce installation costs. Double bent aluminum fins increase heating surface, reinforce each other and help stop expansion noise. Maximum heat output. Fins won’t loosen. Plated steel end fins protect aluminum fins from damage.

**No-noise expansion cradles.** Self-adjusting expansion cradles of smooth plastic are clipped to fins of element and positioned over support brackets. Eliminates noisy metal-to-metal contact with bracket and enclosure. Ridges on both sides of cradle bottom and unique bracket flag prevent cradle from slipping off bracket.

**Fully modulating damper** helps control temperature in each room individually. Unique corrosion resistant pivot and damper mounting assembly provide the straightest, most responsive damper available. It comes fully assembled on every foot of Fine/Line 15. Adjusts easily from fully open to fully closed or any setting in-between.

With less effort and in less time.

Manufacturing ensures consistent length and job-to-job. Front cover locks into a unique support bracket hook. Swings down and snaps in place. Avoids “pop-off”.

Neat fitting accessories give the job a finished look. Splice plate sets are included free with lengths 5’ and longer.
Fine/Line 15 hot water baseboard radiation accessories:
Please specify part number and name when ordering.

**Ratings:**
Fine/Line 15 Series
(Hot water ratings, BTU/HR per linear ft. with 65°F entering air)

<table>
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<th>ELEMENT</th>
<th>WATER FLOW</th>
<th>PRESSURE DROP‡</th>
<th>110°F</th>
<th>120°F</th>
<th>130°F</th>
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<td>140°</td>
<td>190°</td>
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<td>290°</td>
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<td>480</td>
<td>550</td>
<td>620</td>
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<td>640</td>
<td>720</td>
<td>780</td>
<td>810</td>
<td>850</td>
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</tbody>
</table>

‡ Milinches per foot.
† Nominal

(Note: Ratings are for element installed as per drawing shown in "Dimensional Data" window (open "Dimensional Data" window to view) with damper open, with expansion cradles. Ratings are based on active finned length (5" to 6" less than overall length) and include 15% heating effect factor. Ratings are also based on 3/4" or 1/2" nominal copper tubing with 2-5/8" x 2-1/8" x .009" aluminum fins bent to 2-15/64" x 2-1/8" (15-75E) or 2-11/8" x 2-9/32" (15-50) spaced 55 per linear foot (unpainted). Use 4 gpm ratings only when flow is known to be equal to or greater than 4 gpm; otherwise, 1 gpm ratings must be used.

**Dimensional and installation data:**
Baseboard and all hinged accessories serve either flush or recessed installation.

1. **WALL TRIM**
2. **OUTSIDE CORNER**
3. **INSIDE CORNER**
4. **END CAP**

An optional 180° vented or non-vented return bend aligns return tubing to run above the heating element.

**Ordering data:**
COMPLETE BASEBOARD PACKAGE
No. 15-75E (with 1/2" element)
No. 15-50 (with 3/4" element)
Carton contains fully assembled baseboard, complete with damper vane, heating element and expansion cradles. 2" splice plate set packed with lengths 9" and 12", foot assemblies contain two separate elements.

LENGTH: 2', 3', 31/2', 4', 5', 6', 7', 8', 10', 12'
COLOR: Nu-White baked enamel finish.

No. 15-D ENCLOSURE ONLY PACKAGE
Same as No. 15-75E and 15-50, but WITHOUT heating element or expansion cradles.

No E75E 3/4" ELEMENT ONLY
No E50 1/2" ELEMENT ONLY
Heating element with expansion cradles; NO enclosure. Packed in individual sleeves.

LENGTH: 2', 3', 31/2', 4', 5', 6', 7', 8'

**Specifications:**
HEATING ELEMENT: Furnish and install E-75E (E-50) baseboard heating element as manufactured by Slant/Fin Corp., consisting of 3/4" or 1/2" nominal copper tubing, with 2" x 25” x .009" aluminum fins, bent to 2-15/64" x 2-1/8" (15-75E) or 2-11/8" x 2-9/32" (15-50) spaced 55 per linear foot (unpainted). Use 4 gpm ratings only when flow is known to be equal to or greater than 4 gpm; otherwise, 1 gpm ratings must be used.

POLYPROPYLENE expansion cradles shall be clipped to element, centered over each support bracket, and shall protect element from contact with support brackets or enclosure.

COVER ASSEMBLY: Furnish and install 15-75E (15-50) baseboard cover assembly as manufactured by Slant/Fin Corp., consisting of back panel, front panel, damper vane and support brackets (electro-galvanized), formed of cold rolled steel. Edges of back panel shall be formed to provide channels to receive support brackets. Top edge of front panel shall be formed to provide a full-length hinge, interlocking with each support bracket. Damper vane shall modulate fully and retain any setting through its arc. All cover components shall be painted in Nu-White thermosetting polyester enamel.

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The Hydronics Institute
Certified Ratings