

# WEIL-McLAIN

an ISO 9001 Certified Company



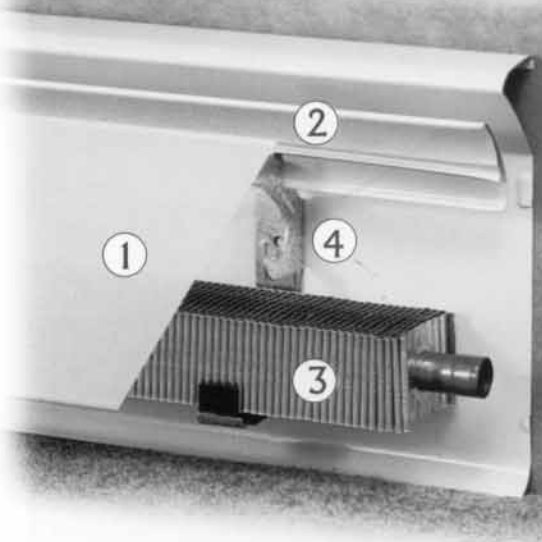
**High Trim**  
Model HT Hydronic Baseboard

# High Trim Design Features

Weil-McLain High Trim Baseboard is designed for installation where heat loss is high or where wall space is limited. High Trim is ideal in any building where these conditions exist, not only because of high output and strong durable construction, but also because styling and precision manufacturing result in an exceptionally clean-lined, well-fitting and attractive baseboard.

Enclosures and trim pieces are finished in a modern colored white baked enamel, but may be painted to match woodwork or walls. In residential applications, High Trim is the perfect companion baseboard for Weil-McLain Therma Trim.

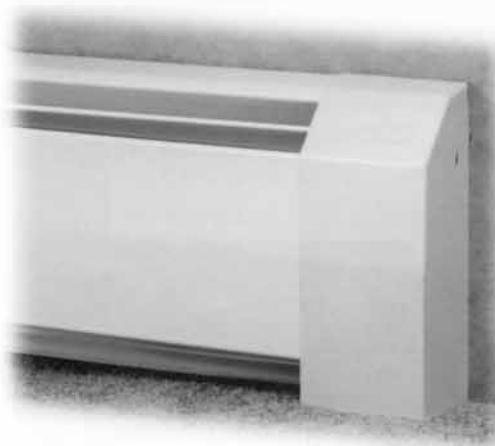
In every detail, High Trim reflects the Weil-McLain philosophy of manufacturing only the highest-quality hydronic heating equipment.



- ① Enclosure. Blends smoothly and attractively into any décor from traditional to ultramodern. The front and back panels have been designed with stylish folds while enhancing the rigidity of the enclosure.
- ② Damper. Permits room-by-room temperature control with finger touch movement.
- ③ Element. Full-collared corrugated aluminum fins with rolled corners and edges.
- ④ Element Brackets. Easy to install in slots in the back panel.

---

## Design Advantages



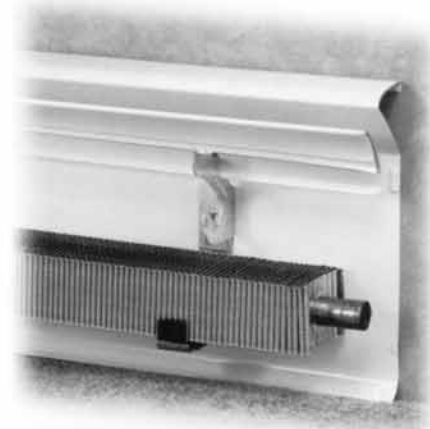
### Enclosures

High Trim enclosures are made of pre-painted cold-rolled heavy gage steel for maximum strength. High Trim is packaged in a protective carton, clearly marked for rapid identification.

Enclosures - either with or without elements - are available in lengths from 2 to 8 feet. This variety of lengths, together with the various splice pieces, speeds installation by eliminating on-the-job cutting.

Front panels are easily hooked into place on the element brackets. High Trim front panels are constructed of heavy 18 gage steel with an attractive stylish finished appearance.

Back panels feature reverse curved top for a tight seal against walls preventing dirt accumulation, streaking or smudging, and allows easier cleaning.



### Damper

A finger's touch moves the damper into a partially or completely closed position. Completely closing the damper reduces heat output by approximately 50% so temperature can be easily controlled to provide comfort in areas where a lower temperature is desired.

Dampers are easily snapped on or off the element brackets for easy cleaning. The damper adds to the attractive clean-lined appearance of the baseboard.

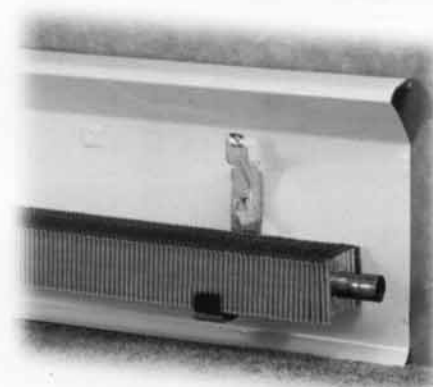
## Element Brackets

High Trim brackets are manufactured of aluminized steel and slip into slots that are stamped every 6 inches into the back panel, easily allowing the brackets to be located anywhere. Brackets feature plastic glides that snugly hold the element and eliminate expansion noises. The bracket has a return tube hanger built right into the top arm. This allows for double tiering elements for situations where greater output is needed (approximately 30% more output).



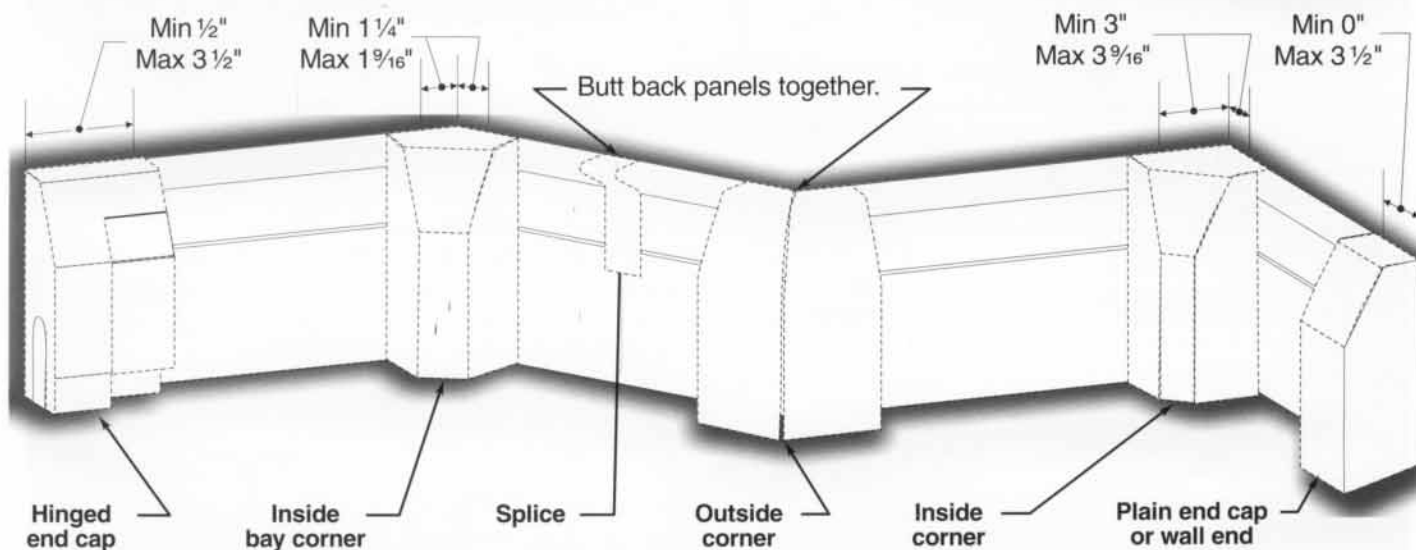
## Elements

High Trim elements are designed for maximum heat output. They are furnished in standard lengths of 2, 3, 4, 5, 6, 7, and 8 feet with 3/4" copper tubes. An optional element with 1" tube, in 8-foot lengths only, permits higher flow rates and longer series loop runs. Both 3/4" and 1" element tubes are flared at one end to eliminate the need for a coupling when joining two lengths or making other connections.



The corrugated aluminum fins are full-collared for a permanent bond, providing maximum heating efficiency and safe, easy handling.

## Accessories and Trim Pieces



All High Trim accessories match the clean lines of the enclosure. Accessories may be installed either before or after the enclosure is mounted and piping completed. End caps come plain or hinged to permit easy access to vents and valves. The 4" wall end piece may be used in place of the end cap to fill out a wall. One-piece corner accessories – outside, inside and 135° bay – make installation easier and enhance the appearance of the finished installation. The one-piece splice covers joints and permits independent operation of dampers.

## Using Weil-McLain AlumiPex®

AlumiPex® tubing can be used for piping from the boiler to baseboard units. This provides an easy-to-install, seamless installation:

Solder radiant sweat fitting to the baseboard elements ... allow solder joints to cool before attaching fittings ... route tubing from boiler to element ... refer to AlumiPex® fitting instructions for details.



# Ratings



## High Trim Model HT I=B=R Approved Water Ratings

Capacities in BTU/Hr. per Linear Foot with 65°F Entering Air

### Single Element High Trim - Model HT 3/4"

| Water Flow Rate |        | Average Water Temperature (°F) |     |     |     |      |      |
|-----------------|--------|--------------------------------|-----|-----|-----|------|------|
| GPM             | Lbs/Hr | 170                            | 180 | 190 | 200 | 210  | 220  |
| 1               | 500    | 650                            | 740 | 820 | 910 | 990  | 1080 |
| 4               | 2000   | 690                            | 780 | 870 | 960 | 1050 | 1140 |

### Single Element High Trim - Model HT 1"

| Water Flow Rate |        | Average Water Temperature (°F) |     |     |     |      |      |
|-----------------|--------|--------------------------------|-----|-----|-----|------|------|
| GPM             | Lbs/Hr | 170                            | 180 | 190 | 200 | 210  | 220  |
| 1               | 500    | 650                            | 730 | 820 | 900 | 980  | 1070 |
| 4               | 2000   | 690                            | 770 | 870 | 950 | 1040 | 1130 |

**Notes:** I=B=R approved water ratings are based on the active (finned) length and include the 15% addition for heating effect allowed by the I=B=R Testing and Rating Code for Baseboard Type of Radiation. The active length is 3" less than the enclosure length. Ratings apply to the assembly with the damper installed and adjusted to the normally open position.

The heating elements are constructed of 3/4" or 1" nominal copper tubing expanded into 2-1/8" x 2-3/4" aluminum fins, which are spaced 60 fins to the foot; fin thickness is .008" for 3/4" and .011" for 1" elements. Elements are unpainted.

Use of I=B=R ratings at the 4 gpm flow rate is limited to installations in which the water flow rate through the baseboard unit is equal to or greater than 4 gpm. Where the water flow rate is not known, the I=B=R ratings at the standard flow rate of 1 gpm must be used. Flow rates exceeding 6 gpm through the 3/4" element or 10 gpm through the 1" element should be avoided because of possible noise.

Pressure drop through 3/4" element High Trim Baseboard at 1 gpm is .047" of water per linear foot and at 4 gpm is .525" of water per linear per foot. Pressure drop through 1" element High Trim Baseboard at 1 gpm is .013" of water per linear foot and at 4 gpm is .145" of water per linear foot.

## Baseboard

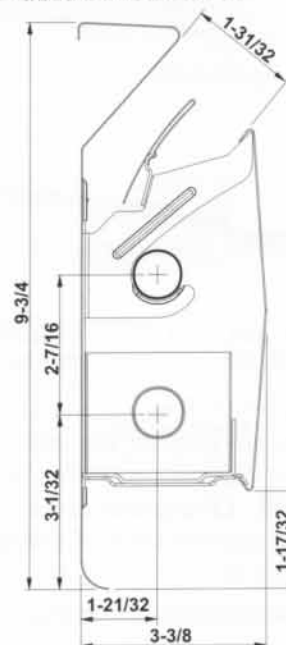
| Unit Length Ft. | Complete Units with Element (3/4") |                                    | Baseboard Enclosure without Heating Element |                                    | 3/4" Heating Element* |                                    |
|-----------------|------------------------------------|------------------------------------|---|------------------------------------|-----------------------|------------------------------------|
|                 | Order Code                         | Approximate Shipping Weight (Lbs.) | Order Code                                  | Approximate Shipping Weight (Lbs.) | Order Code            | Approximate Shipping Weight (Lbs.) |
| 2               | 602-111-005                        | 5                                  | 602-111-080                                 | 4                                  | 602-111-040           | 1                                  |
| 3               | 602-111-010                        | 8                                  | 602-111-085                                 | 6                                  | 602-111-045           | 2                                  |
| 4               | 602-111-015                        | 10                                 | 602-111-090                                 | 8                                  | 602-111-050           | 2                                  |
| 5               | 602-111-020                        | 12                                 | 602-111-095                                 | 10                                 | 602-111-055           | 3                                  |
| 6               | 602-111-025                        | 14                                 | 602-111-100                                 | 12                                 | 602-111-060           | 3                                  |
| 7               | 602-111-030                        | 17                                 | 602-111-105                                 | 14                                 | 602-111-065           | 4                                  |
| 8*              | 602-111-035                        | 19                                 | 602-111-110                                 | 15                                 | 602-111-070           | 4                                  |

\*Elements with 1" tube available in 8-foot length - Order Code: 602-111-075

## Accessories

| Description   | Order Code  | Weil-McLain Packaging | Approximate Shipping Weight (Lbs.) |
|---|-------------|-----------------------|------------------------------------|
| 3 Piece Splice Set  | 602-111-140 | 24 per box            | 12                                 |
| Element Bracket   | 602-111-145 | 20 per box            | 5                                  |
| HT End Cap L.H. with hinge  | 602-111-150 | 6 per box             | 8                                  |
| HT End Cap R.H. with hinge  | 602-111-155 | 6 per box             | 8                                  |
| HT End Cap L.H.   | 602-111-160 | 20 per box            | 20                                 |
| HT End Cap R.H.   | 602-111-165 | 20 per box            | 20                                 |
| 90° Inside Corner - HT  | 602-111-170 | 10 per box            | 8                                  |
| 90° Outside Corner - HT   | 602-111-175 | 5 per box             | 7                                  |
| 4" Wall End Piece - HT  | 602-111-180 | 10 per box            | 6                                  |
| 135° Inside Bay Corner - HT   | 602-111-185 | 10 per box            | 6                                  |
| 4" Full Front Splice - HT   | 602-111-186 | 10 per box            | 3                                  |
| 135° Outside Bay Corner - HT  | 602-111-187 | 5 per box             | 5                                  |
| Floor Grommet   | 611-410-801 | 10 per box            | —                                  |
| Flex Riser Connector without Coupling   | 611-410-630 | qty. per box          | 1                                  |
| Flex Riser Connector with Coupling  | 611-410-640 | qty. per box          | 1                                  |
| Flex Corner Connector   | 611-410-803 | 1 per box             | 1                                  |
| Flex Riser Connector  | 611-410-670 | qty. per box          | 1                                  |
| Radiant Baseboard Adapter (3/4" Sweat x 3/4" Euroconical) (for 1/2" & 5/8" Tubing)        | 650-000-338 | 10 per box            | 4                                  |
| Radiant Baseboard 90° Vent Elbow (3/4" Sweat x 3/4" Euroconical) (for 1/2" & 5/8" Tubing) | 650-000-339 | 10 per box            | 4                                  |
| Radiant Baseboard 90° Elbow (3/4" Sweat x 3/4" Euroconical) (for 1/2" & 5/8" Tubing)      | 650-000-340 | 10 per box            | 4                                  |
| Touch Up Spray Paint (Weil-McLain White)  | 601-111-330 | qty. per box          | 1                                  |

## Dimensions



In the interest of continual improvements in product and performance, Weil-McLain reserves the right to change specifications without notice.



Locate our Sales Offices by visiting our website:  
[www.weil-mclain.com](http://www.weil-mclain.com)

Weil-McLain  
 500 Blaine Street  
 Michigan City, IN 46360-2388