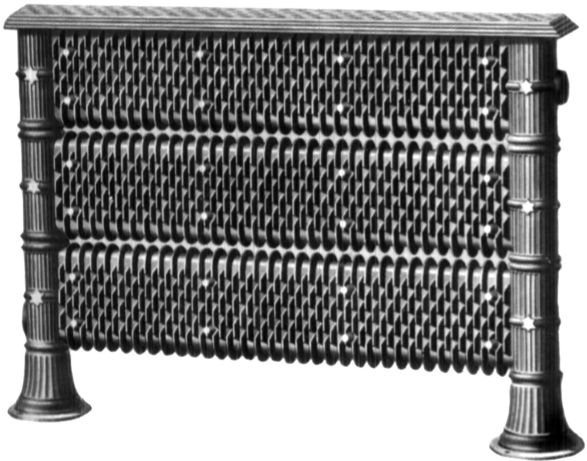
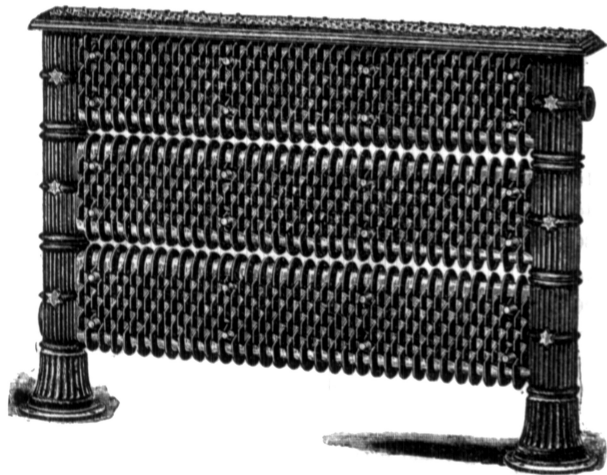


Known popularly as the "mattress type" radiator, this flat box of sheet iron was first patented in the United States by Stephen J. Gold of Cornwall, Connecticut, in 1854. It resembled closely an experimental model invented and built by James Watt in England in 1784. It was never manufactured by H. B. Smith & Co.



In a further development of this flat box for the condensation of steam, this bar type radiator, the Whittier, added fins to increase the heating surface and was made of cast iron. Patented by Charles Whittier of Boston in 1868, it was manufactured solely by the H. B. Smith Company after 1876.

"WHITTIER" EXTENDED SURFACE CAST
IRON RADIATOR.



FOR WARMING BY STEAM OR WATER.

ON HIGH OR LOW PRESSURE.

"WHITTIER" RADIATORS.

REGULAR TAPPING FOR STEAM.

ALL RADIATORS OF 50 FEET AND SMALLER, 1 INCH x $\frac{3}{4}$ INCH R. H.

ALL RADIATORS LARGER THAN 50 FEET, $1\frac{1}{4}$ INCH x 1 INCH R. H.

AIR VALVE, $\frac{1}{8}$ INCH.

REGULAR TAPPING FOR WATER.

ALL RADIATORS OF 50 FEET AND SMALLER, 1 INCH x 1 INCH R. H.

ALL RADIATORS LARGER THAN 50 FEET, $1\frac{1}{4}$ INCH x $1\frac{1}{4}$ INCH R. H.

AIR VALVE, $\frac{1}{8}$ INCH.

UNLESS OTHERWISE SPECIFIED, ALL RADIATORS
WILL BE TAPPED FOR STEAM.

Bars 6 Feet Long.

Total Length at Floor.....6 feet, 2½ inches.
" Width " 6½ "

| No. of Bars High. | Height of Radiator. | Shipping Weight. | Sq. Feet Surface. | Schedule of Prices. |
|-------------------|---------------------|------------------|-------------------|------------------------|
| 1 | 14 ins. | 150 lbs. | 25 | BASE PRICE..... |
| 2 | 22½ " | 280 " | 50 | " " " |
| 3 | 30½ " | 410 " | 75 | " " " |
| 4 | 38½ " | 540 " | 100 | Deduct ½ cent per foot |
| 5 | 46½ " | 670 " | 125 | " " " |
| 6 | 54½ " | 800 " | 150 | " " " |

Bars 4 Feet Long.

Total Length at Floor.....4 feet, 2½ inches.
" Width " 6½ "

| No. of Bars High. | Height of Radiator. | Shipping Weight. | Sq. Feet Surface. | Schedule of Prices. |
|-------------------|---------------------|------------------|-------------------|----------------------|
| 1 | 14 ins. | 106 lbs. | 17 | Add 1 cent per foot. |
| 2 | 22½ " | 196 " | 34 | " " " |
| 3 | 30½ " | 286 " | 50 | " " " |
| 4 | 38½ " | 376 " | 67 | Add ½ cent per foot. |
| 5 | 46½ " | 466 " | 84 | " " " |
| 6 | 54½ " | 556 " | 102 | " " " |

Bars 5 Feet Long.

Total Length at Floor.....5 feet, 2½ inches.
" Width " 6½ "

| No. of Bars High. | Height of Radiator. | Shipping Weight. | Sq. Feet Surface. | Schedule of Prices. |
|-------------------|---------------------|------------------|-------------------|----------------------|
| 1 | 14 ins. | 130 lbs. | 21 | Add 1 cent per foot. |
| 2 | 22½ " | 245 " | 42 | " " " |
| 3 | 30½ " | 360 " | 63 | " " " |
| 4 | 38½ " | 475 " | 84 | Add ½ cent per foot. |
| 5 | 46½ " | 590 " | 105 | " " " |
| 6 | 54½ " | 700 " | 126 | " " " |

Bars 3½ Feet Long.

Total Length at Floor.....3 feet, 9 inches.
" Width " 6½ "

| No. of Bars High. | Height of Radiator. | Shipping Weight. | Sq. Feet Surface. | Schedule of Prices. |
|-------------------|---------------------|------------------|-------------------|------------------------|
| 1 | 14 ins. | 99 lbs. | 14½ | Add 2 cents per foot. |
| 2 | 22½ " | 177 " | 29 | " " " |
| 3 | 30½ " | 255 " | 43½ | " " " |
| 4 | 38½ " | 335 " | 58 | Add 1½ cents per foot. |
| 5 | 46½ " | 430 " | 72½ | " " " |
| 6 | 54½ " | 515 " | 87 | " " " |

Bars 3 Feet Long.

Total Length at Floor.....3 feet, 2½ inches.
" Width " 6½ "

| No. of Bars High. | Height of Radiator. | Shipping Weight. | Sq. Feet Surface. | Schedule of Prices. |
|-------------------|---------------------|------------------|-------------------|------------------------|
| 1 | 14 ins. | 84 lbs. | 12½ | Add 3 cents per foot. |
| 2 | 22½ " | 154 " | 25 | " " " |
| 3 | 30½ " | 224 " | 37½ | " " " |
| 4 | 38½ " | 294 " | 50 | Add 2½ cents per foot. |
| 5 | 46½ " | 364 " | 62½ | " " " |
| 6 | 54½ " | 434 " | 75 | " " " |

Bars 2 Feet Long.

Total Length at Floor.....2 feet, 2½ inches.
" Width " 6½ "

| No. of Bars High. | Height of Radiator. | Shipping Weight. | Sq. Feet Surface. | Schedule of Prices. |
|-------------------|---------------------|------------------|-------------------|------------------------|
| 1 | 14 ins. | 63 lbs. | 8½ | Add 6 cents per foot. |
| 2 | 22½ " | 113 " | 17 | " " " |
| 3 | 30½ " | 163 " | 25½ | " " " |
| 4 | 38½ " | 213 " | 34 | Add 5½ cents per foot. |
| 5 | 46½ " | 263 " | 42½ | " " " |
| 6 | 54½ " | 313 " | 51 | " " " |

Bars 2½ Feet Long.

Total Length at Floor.....2 feet, 9 inches.
" Width " 6½ "

| No. of Bars High. | Height of Radiator. | Shipping Weight. | Sq. Feet Surface. | Schedule of Prices. |
|-------------------|---------------------|------------------|-------------------|------------------------|
| 1 | 14 ins. | 74 lbs. | 10½ | Add 4 cents per foot. |
| 2 | 22½ " | 134 " | 21 | " " " |
| 3 | 30½ " | 194 " | 31½ | " " " |
| 4 | 38½ " | 254 " | 42 | Add 3½ cents per foot. |
| 5 | 46½ " | 314 " | 52½ | " " " |
| 6 | 54½ " | 374 " | 63 | " " " |

Bars 1½ Feet Long.

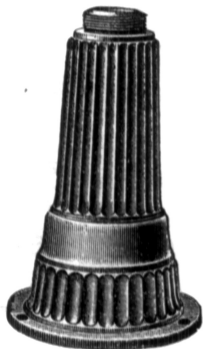
Total Length at Floor.....1 foot, 9 inches.
" Width " 6½ "

| No. of Bars High. | Height of Radiator. | Shipping Weight. | Sq. Feet Surface. | Schedule of Prices. |
|-------------------|---------------------|------------------|-------------------|------------------------|
| 1 | 14 ins. | 51 lbs. | 6½ | Add 8 cents per foot. |
| 2 | 22½ " | 84 " | 13 | " " " |
| 3 | 30½ " | 117 " | 19½ | " " " |
| 4 | 38½ " | 150 " | 26 | Add 7½ cents per foot. |
| 5 | 46½ " | 183 " | 32½ | " " " |
| 6 | 54½ " | 216 " | 39 | " " " |

"WHITTIER" RADIATORS.

THE total height of these Radiators can be made less or more than the height given in the "List of Sizes," by ordering the Radiators with special legs, height of which is given below.

SPECIAL HEIGHT WHITTIER RADIATOR LEGS.



11½ in. high.

This leg will add 6¾ inches to the height of the Radiators.



7½ in. high.

This leg will add 2¾ inches to the height of the Radiators.



3 in. high.

This leg will deduct 1¾ inches from the height of the Radiators.



2 in. high.

This leg will deduct 2¾ inches from the height of the Radiators.

REGULAR HEIGHT LEGS.



4¾ in. high.

We do not make an extra charge for any of the above special height legs when they are ordered with Radiators.