



**Hart & Cooley®**  
*install confidence*

# Residential Grilles, Registers & Diffusers

Edition 5

See  
Inside  
Front  
Cover For  
What's New...

RESIDENTIAL

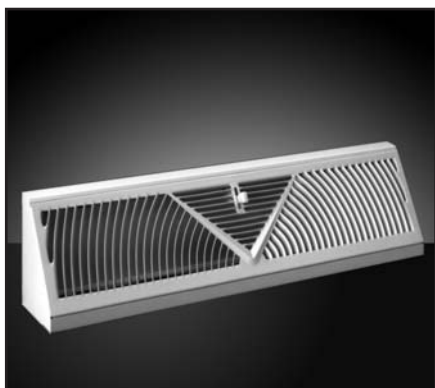
Product  
Information

Engineering  
Data

BASEBOARD REGISTERS & GRILLES

|     |                                        |    |     |
|-----|----------------------------------------|----|-----|
| 405 | Steel (Baseboard) Diffuser, 18"        | 7  | .41 |
| 406 | Steel (Baseboard) Diffuser, 15" or 18" | 7  | .41 |
| 407 | Steel (Baseboard) Return Grille        | 7  |     |
| 462 | Steel (Baseboard) Diffuser             | 7  | .41 |
| 472 | Steel (Baseboard) Return Grille        | 7  | .41 |
| 464 | Steel (Baseboard) Diffuser             | 8  | .41 |
| 474 | Steel (Baseboard) Return Grille        | 8  | .41 |
| 654 | Steel (Baseboard) Register             | 8  | .41 |
| 655 | Steel (Baseboard) Register             | 9  | .41 |
| 657 | Steel (Baseboard) Return Grille        | 9  | .41 |
| 658 | Steel (Baseboard) Return Grille        | 9  | .41 |
| 664 | Steel (Baseboard) Register             | 10 | .41 |
| 674 | Steel (Baseboard) Return Grille        | 10 | .46 |

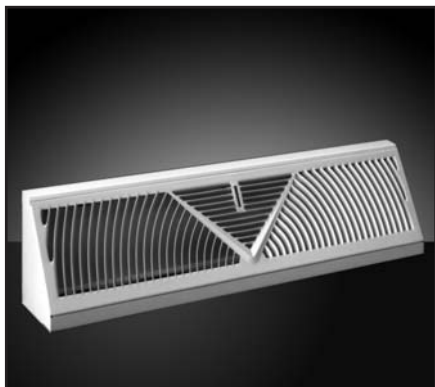
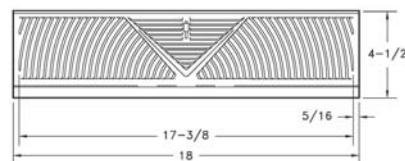
# Baseboard Registers & Grilles



## 405/406 Baseboard Diffuser

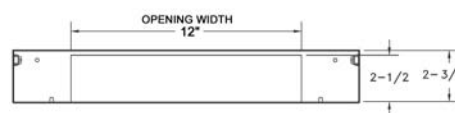
- All-steel construction
- Blankets wall or window area
- Golden Sand or Bright White enamel finish

| Model Number | Size | Free Area Sq. In. | Overall Length | Height                        | Base Projection                 | Opening Width |
|--------------|------|-------------------|----------------|-------------------------------|---------------------------------|---------------|
| 405          | 18"  | 38                | 18             | 5 <sup>1</sup> / <sub>4</sub> | 2 <sup>13</sup> / <sub>16</sub> | 12            |
| 406          | 15"  | 32                | 15             | 4 <sup>1</sup> / <sub>2</sub> | 2 <sup>3</sup> / <sub>4</sub>   | 12            |
| 406          | 18"  | 38                | 18             | 4 <sup>1</sup> / <sub>2</sub> | 2 <sup>13</sup> / <sub>16</sub> | 12            |
| 407          | 18"  | 38                | 18             | 4 <sup>1</sup> / <sub>2</sub> | 2 <sup>13</sup> / <sub>16</sub> | 12            |



## 407 Matching Return Air Grille

- All-steel construction
- Complementary return air grille for Model 405 or Model 406 supply
- Golden Sand or Bright White enamel finish



BOTTOM VIEW

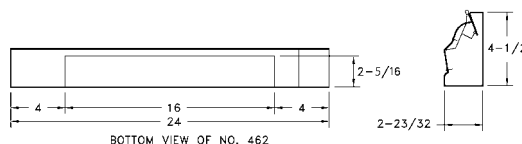
406 18" Shown



## 462 Baseboard Diffuser

- All-steel construction
- Two-foot length
- Airfoil valves reduce resistance
- Equal air distribution over the length of the diffuser
- Face can be easily removed
- Golden Sand or Bright White enamel finish

| Model Number | Size | Free Area Sq. In. | Overall Length | Height                        | Base Projection                 | Bottom Opening                      |
|--------------|------|-------------------|----------------|-------------------------------|---------------------------------|-------------------------------------|
| 462          | 2'   | 27                | 24             | 4 <sup>1</sup> / <sub>2</sub> | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>16</sub> x 16 |
| 472          | 2'   | 42                | 24             | 4 <sup>1</sup> / <sub>2</sub> | 2 <sup>23</sup> / <sub>32</sub> | 2 <sup>5</sup> / <sub>16</sub> x 16 |

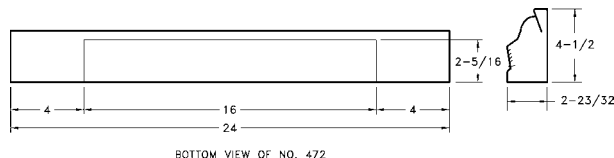


BOTTOM VIEW OF NO. 462



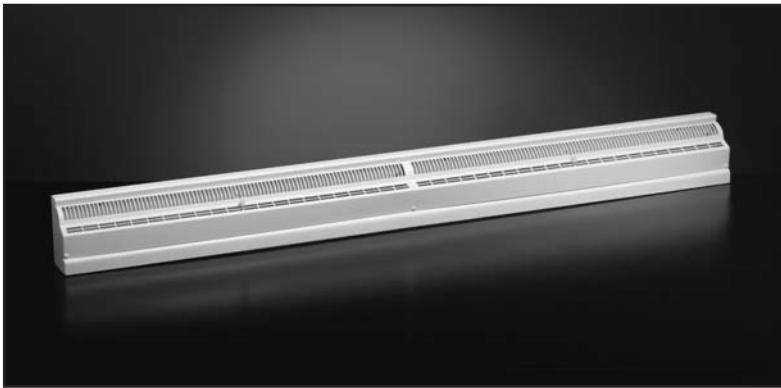
## 472 Matching Return Air Grille

- All-steel construction
- Two-foot length
- Complementary return air grille for Model 462 supply
- Golden Sand or Bright White enamel finish



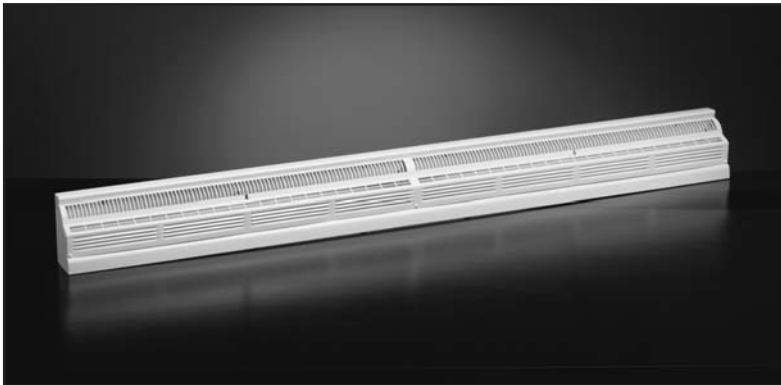
BOTTOM VIEW OF NO. 472

# Baseboard Registers & Grilles



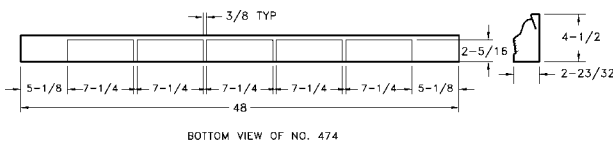
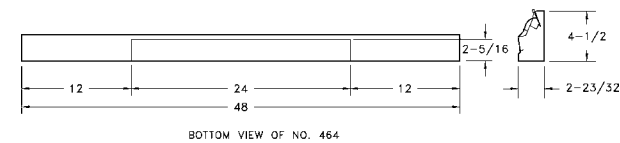
## 464 Baseboard Diffuser

- All-steel construction
- Four-foot length
- Airfoil valves reduce resistance
- Equal air distribution over the length of the diffuser
- Dual valves
- Face can be easily removed
- Golden Sand or Bright White enamel finish



## 474 Matching Return Air Grille

- All-steel construction
- Four-foot length
- Complementary return air grille for Model 464 supply
- Golden Sand or Bright White enamel finish



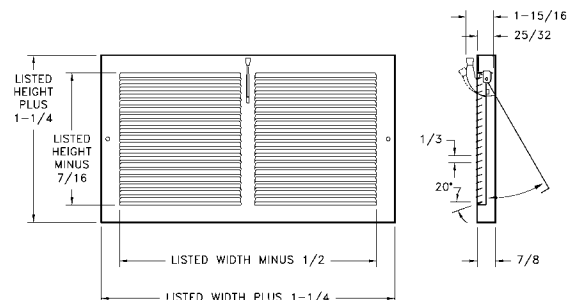
| Model Number | Size | Free Area Sq. In. | Overall Length | Height | Base Projection | Bottom Opening  |
|--------------|------|-------------------|----------------|--------|-----------------|-----------------|
| 464          | 4'   | 54                | 48             | 4 1/2  | 2 23/32         | 2 5/16 x 24     |
| 474          | 4'   | 84                | 48             | 4 1/2  | 2 23/32         | 2 5/16 x 36 1/4 |



## 654 Baseboard Register with Damper

- One-piece steel construction
- 1/3" spaced fins set at 20 degrees
- 7/8" margin turnback
- Exceptional free area
- Positive volume-control damper
- Bright White enamel finish

| 654 Available Sizes (in.) |       |    |    |
|---------------------------|-------|----|----|
| HT                        | WIDTH |    |    |
|                           | 10    | 12 | 14 |
| 6                         | X     | X  | X  |



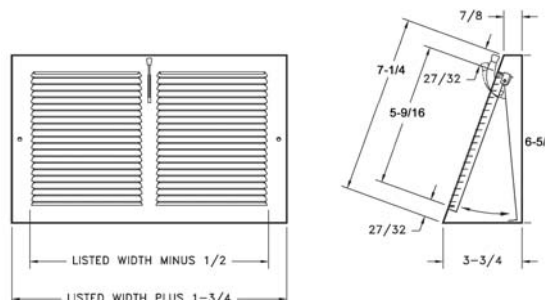
# Baseboard Registers & Grilles



## 655 Baseboard Register with Damper

- All-steel construction
- 1/3" spaced fins set at 20 degrees
- Volume-control damper
- Bright White enamel finish

| 655 Available Sizes (in.) |       |    |    |    |
|---------------------------|-------|----|----|----|
| HT                        | WIDTH |    |    |    |
|                           | 8     | 10 | 12 | 14 |
| 6                         | X     | X  | X  | X  |

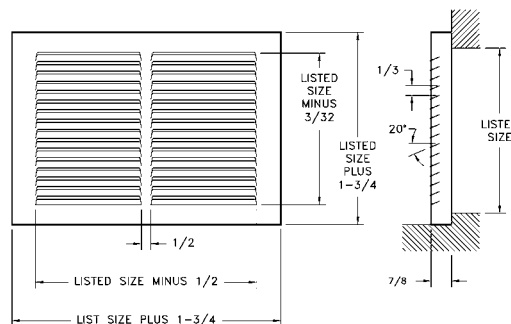


## 657 Baseboard Return Air Grille

- One-piece steel construction
- 1/3" spaced fins set at 20 degrees
- 7/8" margin turnback
- Exceptional free area
- Install with fins upward or downward for best duct concealment
- Complementary return air grille for Model 654 or 664 supply
- Golden Sand or Bright White enamel finish

| 657 Standard Sizes (in.) |       |    |    |    |    |    |    |    |
|--------------------------|-------|----|----|----|----|----|----|----|
| HT                       | WIDTH |    |    |    |    |    |    |    |
|                          | 10    | 12 | 14 | 16 | 20 | 24 | 30 | 36 |
| 4                        |       |    | X  |    |    |    |    |    |
| 6                        | X     | X  | X  | X  | X  | X  | X  | X  |
| 8                        | X     | X  | X  | X  | X  | X  | X  | X  |
| 10                       |       |    | X  |    | X  | X  | X  |    |
| 12                       |       |    | X  |    |    | X  | X  |    |

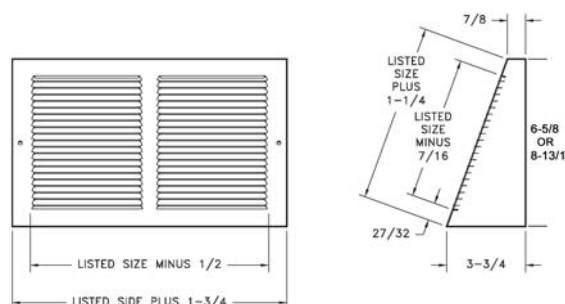
Contact factory for sizes not listed.



## 658 Baseboard Return Air Grille

- All-steel construction
- 1/3" spaced fins set at 20 degrees
- Complementary return air grille for Model 655 supply
- Bright White enamel finish

| 658 Available Sizes (in.) |       |    |    |    |    |
|---------------------------|-------|----|----|----|----|
| HT                        | WIDTH |    |    |    |    |
|                           | 10    | 12 | 14 | 24 | 30 |
| 6                         | X     | X  | X  | X  | X  |
| 8                         |       |    | X  | X  | X  |



# Baseboard Registers & Grilles

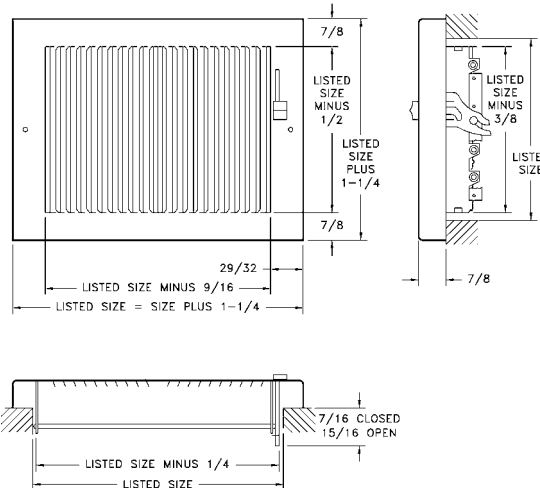


## 664 Baseboard Register

- All-steel construction
- 1/3"-spaced fins set at 20 degrees
- 7/8" margin turnback
- 1-5/8" depth when fully opened
- Exceptional free area
- Ideal for shallow duct installations
- Multi-shutter valve
- Bright White enamel finish

| 664 Available Sizes (in.) |       |    |    |    |
|---------------------------|-------|----|----|----|
| HT                        | WIDTH |    |    |    |
|                           | 8     | 10 | 12 | 14 |
| 6                         | X     | X  | X  | X  |
| 8                         |       |    | X  |    |

Contact factory for sizes not listed



## 674 Return Air Grille

- One-piece steel construction
- 1/2"-spaced fins set at 40 degrees
- 7/8" margin turnback
- Complementary return air grille for 1/2"-spaced products
- Bright White enamel finish

| 674 Available Sizes (in.) |       |    |    |
|---------------------------|-------|----|----|
| HT                        | WIDTH |    |    |
|                           | 14    | 24 | 30 |
| 6                         | X     | X  | X  |
| 8                         | X     | X  | X  |

