

**MODEL**

- 1330 - Heavy duty, medium/minimum security bar grille with wire mesh

**FEATURES**

- 16 gauge frame
- 14 gauge fixed blades set at 40° deflection on 3/8" centers
- 10 gauge x #2 wire steel mesh deters insertion of contraband
- 14 gauge steel sleeve with wrap around corner construction and stitch welded seams

**GRILLE SIZE**

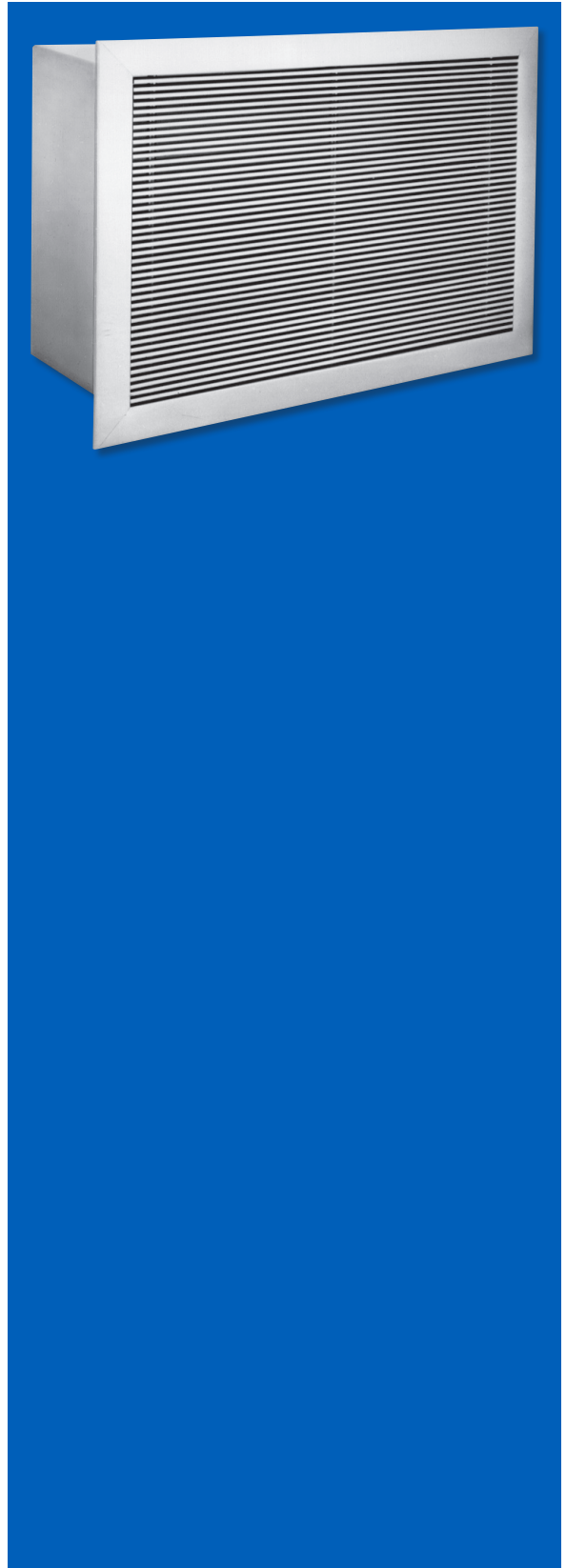
- Width: 6" - 30" (2" increments), 9" <sup>1</sup>
- Height: 4" - 30" (2" increments), 9" <sup>1</sup>
- Sleeve Length: 6" - 18" (2" increments)

**COMPATIBLE OPTIONS AND ACCESSORIES**

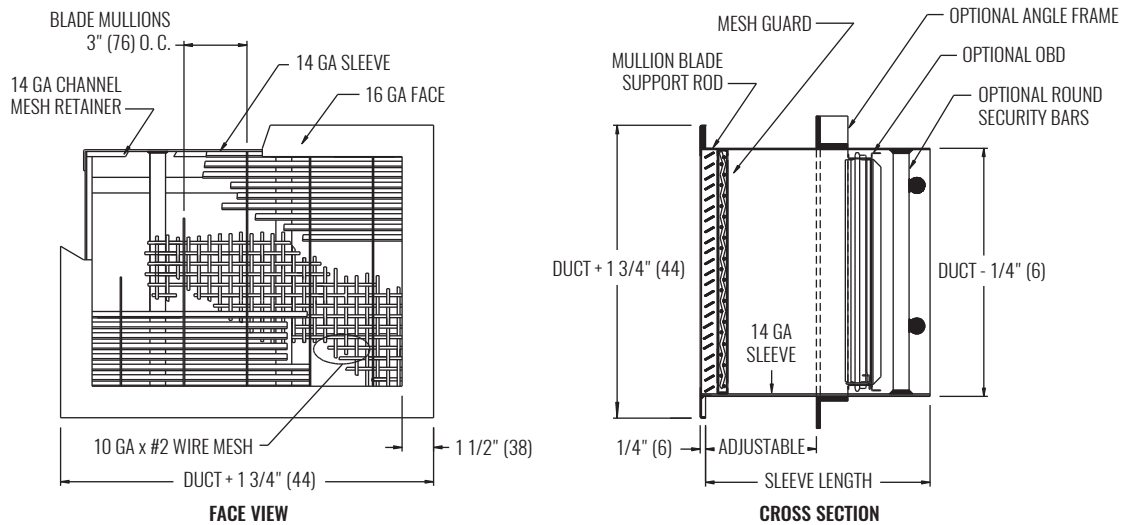
- Unpainted steel angle frame shipped loose for field installation, constructed of 1 1/2"x1 1/2"x3/16" angle <sup>2</sup>
- Steel 3/4" diameter security bars on 6" centers welded in sleeve
- Steel 3"x3/4" diameter anchor bars
- Two unpainted loose steel angles shipped loose for field installation, constructed of 1 1/2"x1 1/2"x3/16" angle <sup>2</sup>
- Rear operated OBD <sup>3</sup>

## NOTES:

- <sup>1</sup> If selecting 9" width, height must also be 9".
- <sup>2</sup> Steel angle frame is not compatible with the two loose angles.
- <sup>3</sup> Damper welded in sleeve.



### DIMENSIONAL DATA



NOTES: Dimensions in parentheses are millimeters (mm). Recommended opening = duct size + 1/2". Optional angle frame or loose angles to be field welded for mounting.

### PERFORMANCE DATA

| SIZE<br>NOMINAL | PERFORMANCE |            |              |            |
|-----------------|-------------|------------|--------------|------------|
|                 | NC (< 25)   |            | NC (25 - 40) |            |
|                 | CFM         | THROW (ft) | CFM          | THROW (ft) |
| 6"x6"           | 50 - 125    | 11 - 18    | 150 - 225    | 20 - 24    |
| 8"x6"           | 67 - 167    | 13 - 21    | 200 - 300    | 23 - 28    |
| 8"x8"           | 89 - 222    | 15 - 24    | 267 - 356    | 26 - 30    |
| 10"x10"         | 139 - 278   | 19 - 27    | 347 - 556    | 30 - 38    |
| 12"x12"         | 100 - 400   | 12 - 32    | 500 - 700    | 36 - 42    |
| 14"x14"         | 136 - 544   | 14 - 37    | 681 - 953    | 42 - 49    |
| 16"x4"          | 125 - 219   | 18 - 24    | 250 - 375    | 25 - 31    |
| 18"x4"          | 125 - 238   | 18 - 25    | 275 - 425    | 27 - 33    |
| 18"x18"         | 300 - 925   | 28 - 49    | 1081 - 1550  | 53 - 63    |
| 20"x30"         | 500 - 1563  | 35 - 63    | 1828 - 2625  | 68 - 82    |
| 22"x22"         | 336 - 1008  | 22 - 51    | 1344 - 2017  | 59 - 72    |
| 30"x12"         | 350 - 1025  | 30 - 51    | 1194 - 1700  | 55 - 66    |

#### SEE BACK SUPPLEMENT FOR DESIGN INFORMATION

NOTES: Information shown is abbreviated. See website for complete information. Dimensions in parentheses are millimeters (mm). Unless otherwise noted, throw value ranges provided are for a horizontal discharge air pattern at isothermal conditions and a terminal velocity of 50 FPM (0.25 m/s). NC ranges are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re 10<sup>-12</sup> Watts. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741.