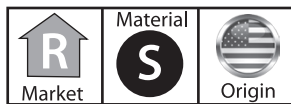


## Series 16 Round Ceiling Diffuser

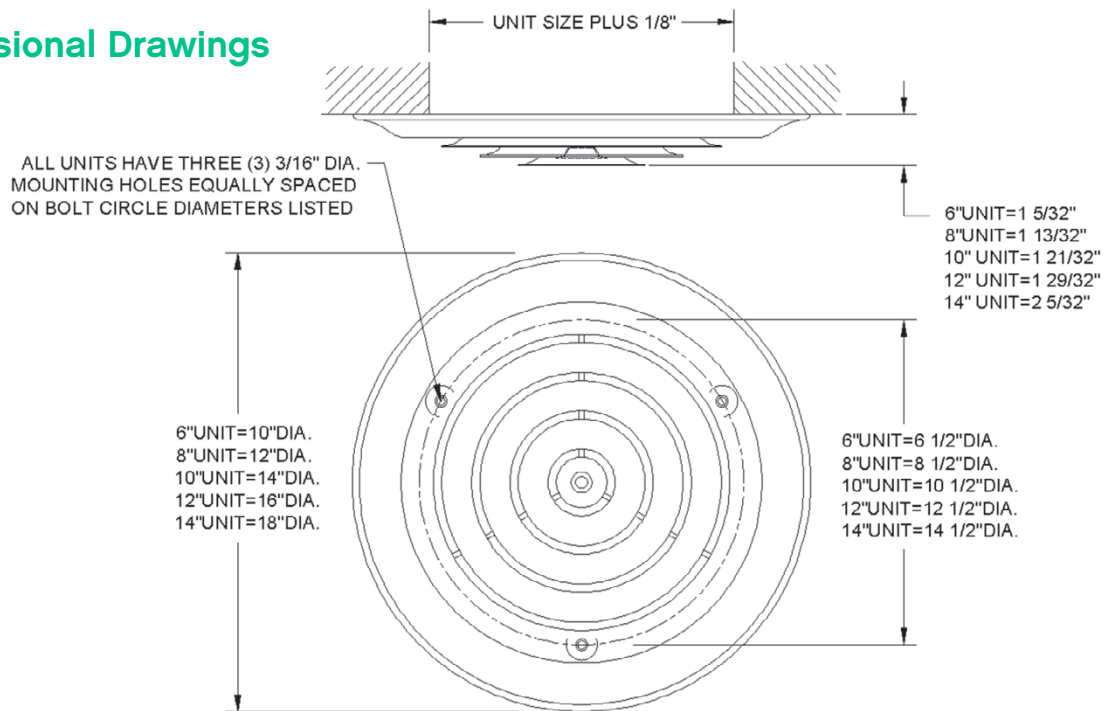


- ☐ Step-down design
- ☐ 360° diffusion
- ☐ Steel construction
- ☐ White finish
- ☐ Made in the U.S.A.

Use with Series 11 or 12B



### Dimensional Drawings



### Performance Data, Series 16

| Unit Size     | Overall Size | Face Velocity | 300  | 400  | 500  | 600  | 700  | 800  | 900  | 1000 |
|---------------|--------------|---------------|------|------|------|------|------|------|------|------|
|               |              | Pressure Loss | .006 | .010 | .016 | .022 | .031 | .040 | .050 | .062 |
| 6"<br>Ak .13  | 10" Diam.    | Cfm           | 39   | 52   | 65   | 78   | 91   | 104  | 117  | 130  |
|               |              | Throw         | 3    | 4    | 5    | 7    | 8    | 9    | 10   | 11   |
| 8"<br>Ak .22  | 12" Diam.    | Cfm           | 66   | 88   | 110  | 132  | 154  | 176  | 198  | 220  |
|               |              | Throw         | 5    | 6    | 7    | 9    | 10   | 12   | 13   | 15   |
| 10"<br>Ak .34 | 14" Diam.    | Cfm           | 102  | 136  | 170  | 204  | 238  | 272  | 306  | 340  |
|               |              | Throw         | 4    | 5    | 7    | 8    | 9    | 11   | 12   | 13   |
| 12"<br>Ak .49 | 16" Diam.    | Cfm           | 147  | 196  | 245  | 294  | 343  | 392  | 441  | 490  |
|               |              | Throw         | 5    | 7    | 8    | 10   | 12   | 14   | 15   | 17   |
| 14"<br>Ak .61 | 18" Diam.    | Cfm           | 183  | 244  | 305  | 366  | 427  | 488  | 549  | 610  |
|               |              | Throw         | 6    | 7    | 9    | 11   | 13   | 15   | 17   | 19   |

Terminal Velocity of 50 fpm