Round Ceiling Diffusers

Steel • Adjustable

Model: R-OMNI • Horizontal-to-Vertical Discharge Patterns

Adjustment Types

3 Fixed Positions

1- Upper Position
2- Middle Position
3- Lower Position

Available in duct sizes 6 through 14 inches.

Dimensions are in inches.

(Please see reverse side.)
Model B Outer Cone

Outside Diameter BC

Ceiling Opening

Diameter BB

Nominal Round Duct Size D

Model AG-100 Damper

Model EG Equalizing Grid

AG-100 Duct Mounted

Model AG-85 Butterfly Damper

Model EG Equalizing Grid

AG-85 Duct Mounted

Model AG-65 Combination Damper and Equalizing Grid

Model AG-75 Opposed Blade Damper

Model EG Equalizing Grid

AG-75 Duct Mounted

Model B Outer Cone

1 Model AG-100 damper is available in duct sizes 8 thru 14 inches only.

2 Model AG-85 damper is available in duct sizes 8 thru 14 inches only.

3 Model AG-65 damper is available in duct sizes 8 thru 14 inches only.

4 Model AG-75 damper is available in duct sizes 8 thru 14 inches only.

Dimension “A” in Inches, for Dampers Shown

<table>
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<th>Accessories</th>
<th>Nominal Round Duct Sizes</th>
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<tr>
<td></td>
<td>6</td>
</tr>
<tr>
<td>1 AG-100</td>
<td>0</td>
</tr>
<tr>
<td>2 AG-85</td>
<td>2 1/2</td>
</tr>
<tr>
<td>3 AG-65</td>
<td>3 5/8</td>
</tr>
<tr>
<td>4 AG-75</td>
<td>2 1/4</td>
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Note 1:
Model AG-100 damper have radial blades that slide in a horizontal plane. For that reason, no opening clearance “A” is dimensioned. Dimensions are in inches.
Standard Finish: #26 White

General Description

- Model R-OMNI adjustable round ceiling diffusers are designed to satisfy architectural as well as engineering criteria. Its design allows for both heating and cooling applications. The discharge pattern can be adjusted from horizontal to vertical.
- Uniform 360 degree discharge pattern.
- Excellent performance in variable air volume applications.

- The R-OMNI has three fixed positions: architectural (flush with outer cone as shipped), cooling (plaque dropped below outer cone), and heating (plaque deep in outer cone). Adjust by removing the plaque and repositioning screws.
- Optional Type B outer cone reduces ceiling smudging. Also useful where plenum height or space for the ceiling opening is limited.
- Spring lock allows easy removal and replacement of the plaque.

- Outer cone and webbing is steel. Plaque is aluminum.
- All models have a retainer cable standard to allow the inner cone to hang during maintenance of the diffuser.