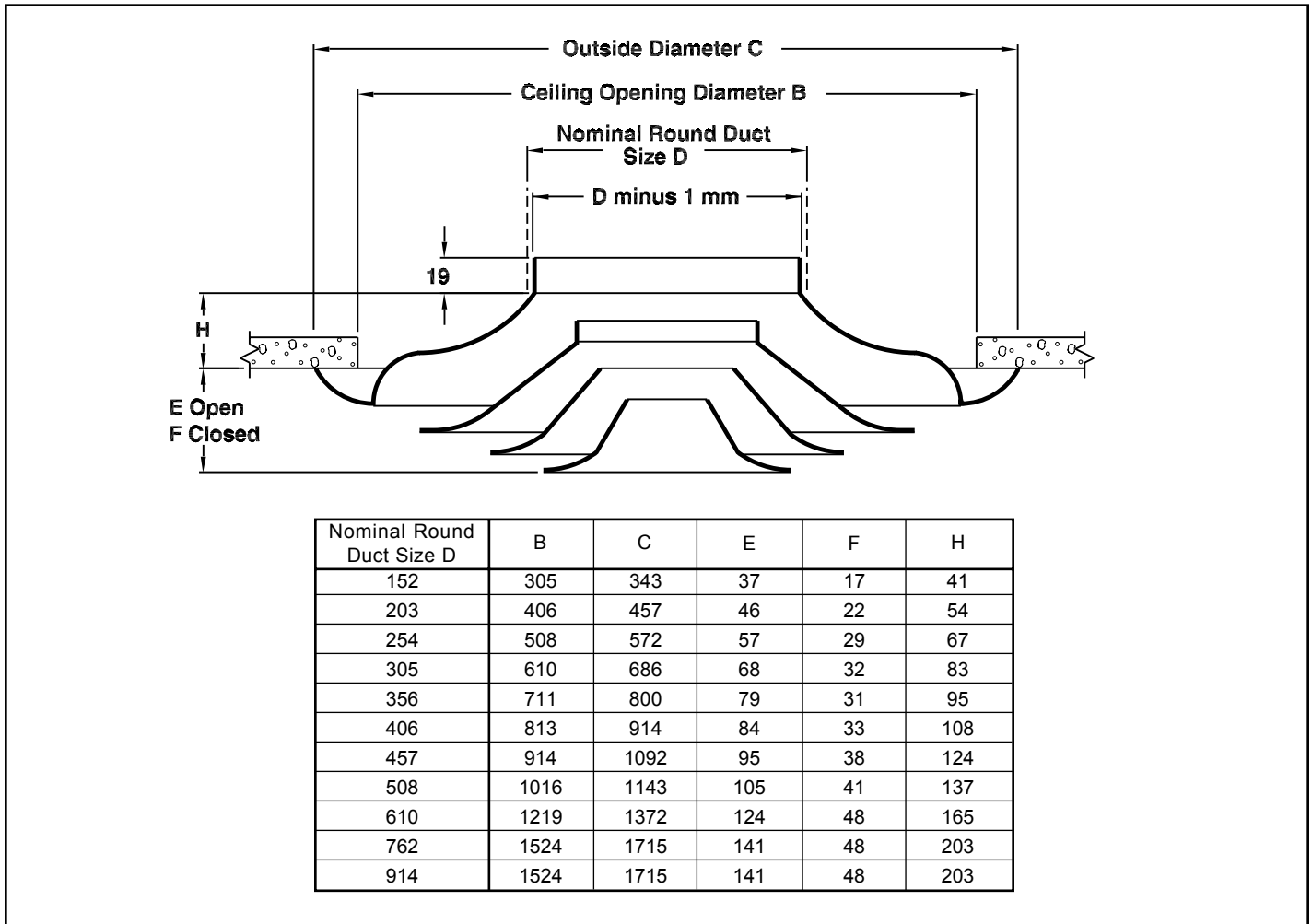


## Round Ceiling Diffusers Steel • Adjustable

Model: MTMRA • Horizontal-to-Vertical Discharge Patterns



### Adjustment Types

Check  selection

Type 1 3 Fixed Positions

Available in duct sizes  
152 through 914 millimeters.

Type 2 Sliding

Available in duct sizes  
152 through 305 millimeters.

Type 3 Rotating

Available in duct sizes  
152 through 914 millimeters.

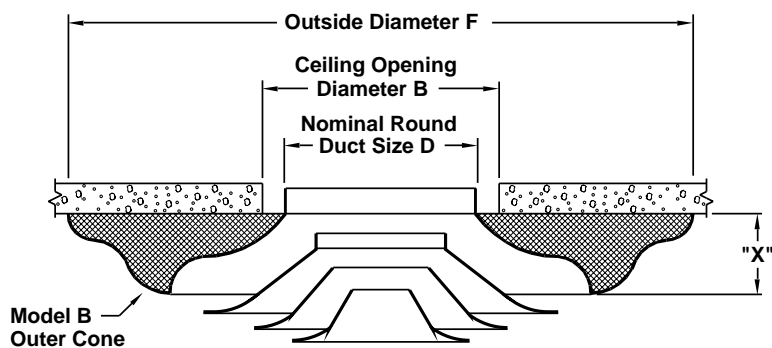
Dimensions are in millimeters.

(Please see reverse side.)

# Accessories (Optional)

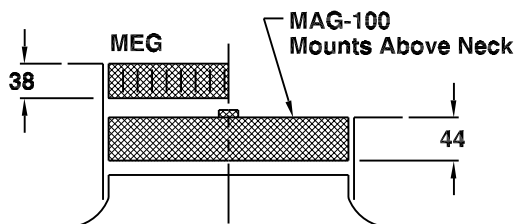
Check  if provided

Model B Outer Cone



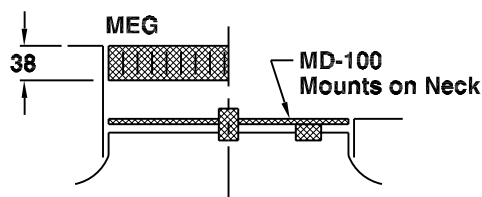
Nominal Round Duct Size D	B	F	X
152	178	451	50
203	229	591	66
254	279	737	83
305	330	886	99
356	381	1032	116
406	432	1187	132
457	483	1305	149
508	533	1429	165
610	635	1702	198
762	N/A	N/A	N/A
914	N/A	N/A	N/A

Model AG-100 Radial Sliding Blade Damper  
 Model EG Equalizing Grid



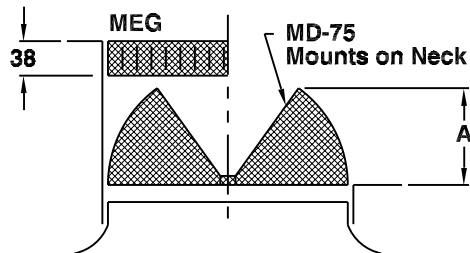
① Model AG-100 damper is available in duct sizes 152 thru 356 millimeters only.

Model D-100 Radial Sliding Blade Damper  
 Model EG Equalizing Grid



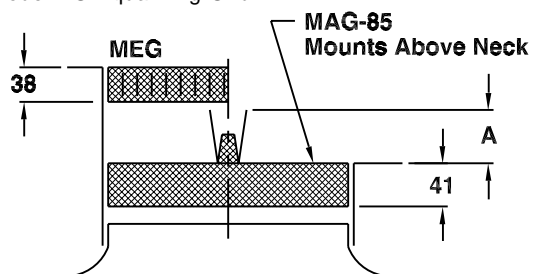
② Model D-100 damper is available in duct sizes 152 thru 356 millimeters only.

Model D-75 Opposed Blade Damper  
 Model EG Equalizing Grid



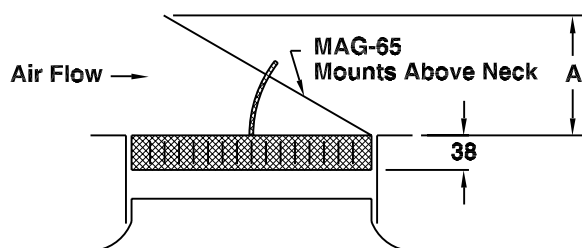
③ Model D-75 damper is available in duct sizes 152 thru 305 millimeters only.

Model AG-85 Butterfly Damper  
 Model EG Equalizing Grid



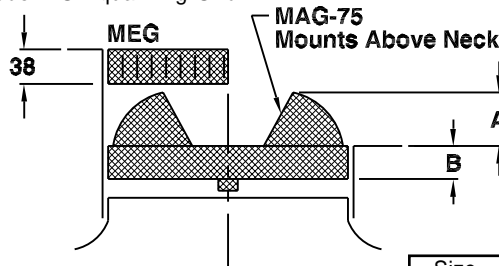
④ Model AG-85 damper is available in duct sizes 152 thru 610 millimeters only.

Model AG-65 Combination Damper and Equalizing Grid



⑤

Model AG-75 Opposed Blade Damper  
 Model EG Equalizing Grid



⑥

Size	B
152-305	38
356-914	54

# Accessories (Continued)

Dimension "A" in Millimeters, for Dampers Shown

Accessories	Nominal Round Duct Sizes										
	152	203	254	305	356	406	457	508	610	762	914
① AG-100	—	—	—	—	—	N/A	N/A	N/A	N/A	N/A	N/A
② D-100	—	—	—	—	—	N/A	N/A	N/A	N/A	N/A	N/A
③ D-75	60	83	105	124	N/A	N/A	N/A	N/A	N/A	N/A	N/A
④ AG-85	64	89	114	140	165	191	216	241	292	N/A	N/A
⑤ AG-65	86	114	140	181	219	251	279	311	378	445	324
⑥ AG-75	70	92	114	137	70	89	105	124	143	156	194

Notes ① and ② :

Model AG-100 and D-100 dampers have radial blades that slide in a horizontal plane. For that reason, no opening clearance "A" is dimensioned.

On the Model TMRA with Type 3 Rotating Adjustment, the adjusting shaft projects above the diffuser on Sizes 356 through 914. The maximum amount of the projection is shown in the table at right. This projection must be added, along with Dimension "A" above, to the overall height of the diffuser and its accessories.

TMRA, Adjustment Type 3. Overall Height Correction.

Nominal Round Duct Size	356	406	457	508	610	762	914
Add to Height (Millimeters)	64	67	70	76	79	111	111

## Other Accessories (Optional):

Standard Finish: #26 White

## General Description

- Model TMRA adjustable round ceiling diffusers are designed 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.
- Type 1, with 3 fixed cone positions, is adjusted by removing the 3 inner cones as a unit and repositioning 6 screws. Available in duct sizes 152 through 914 millimeters.
- Type 2 is adjusted by sliding the 3 inner cones up or down. Available in duct sizes 152 through 305 millimeters.
- Type 3 is adjusted by rotating the center cone. Available in duct sizes 152 through 914
- Optional Type B outer cone reduces ceiling smudging. Also useful where plenum height or space for the ceiling opening is limited. Available for diffusers with duct sizes 152 through 610 millimeters.
- Spring lock allows easy removal and replacement of the 3 inner cones.
- Material is steel.
- For model TMRA with neck sizes of 305 to 914 diameter, a retainer cable is provided to allow the inner cone to hang during maintenance of the diffuser.



Note: This submittal is meant to demonstrate general dimensions of this product. The drawings on this submittal are not meant to detail every aspect of the product with exactness. Drawings are not to scale. TITUS reserves the right to make changes without written notice.

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MD-8.0-S