SUGGESTED SPECIFICATIONS

SQUARE AND RECTANGULAR CEILING DIFFUSERS

ADJUSTABLE, 1-, 2-, 3-, AND 4-WAY DISCHARGE PATTERNS

Available Steel Model:
250

Available Aluminum Model:
250-AA

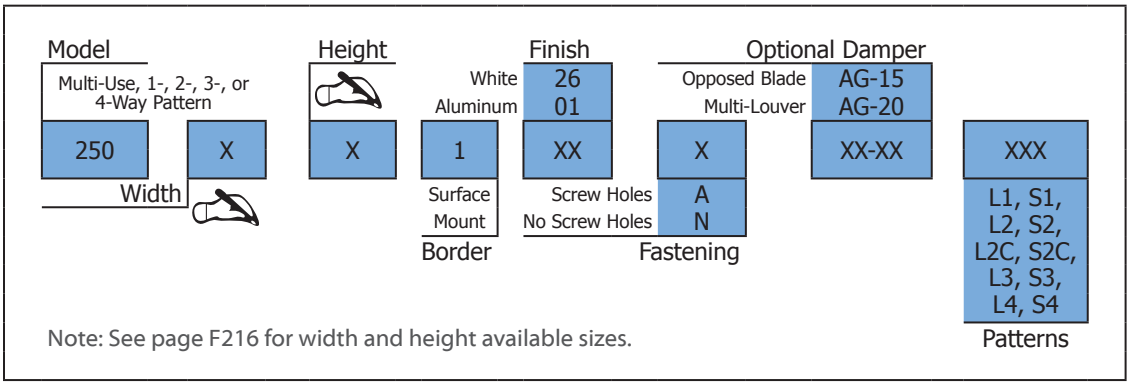
Ceiling and side wall diffusers shall be Titus Model 250 (steel) or 250-AA (aluminum with miscellaneous steel components) of the sizes and mounting types shown on the plans and outlet schedule. Diffuser shall have curved deflectors, which are individually adjustable from the face of diffuser to regulate air volume and angle of discharge. Diffusers shall be built in one-, two-, three- or four-Way discharge patterns. The diffusers shall be constructed of 20-gauge steel or 0.051 aluminum with miscellaneous steel components, depending on the model selected.

The finish shall be #26 white. The finish shall be an anodic acrylic paint, baked at 315°F for 30 minutes. The pencil hardness must be HB to H. The paint must pass a 100-hour ASTM B117 Corrosive Environments Salt Spray Test without creepage, blistering or deterioration of film. The paint must pass a 250-hour ASTM D870 Water Immersion Test. The paint must also pass the ASTM D2794 Reverse Impact Cracking Test with a 50-inch pound force applied.

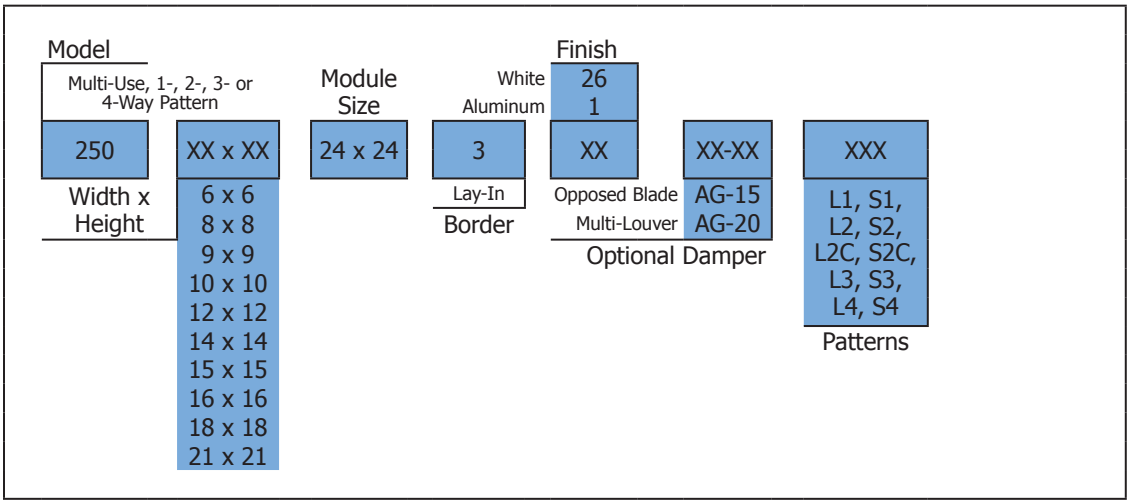
Optional opposed blade damper shall be constructed of heavy gauge steel and shall be installed on the neck of the diffuser. Damper must be operable from the face of the diffuser by placing a standard screwdriver between the curved deflectors.

The manufacturer shall provide published performance data for the ceiling/side wall diffuser. The diffuser shall be tested in accordance with ANSI/ASHRAE Standard 70-2006.

MODEL NUMBER SPECIFICATION



Note: See page F216 for width and height available sizes.



SUGGESTED SPECIFICATIONS

Model
Aluminum, Multi-Use, 1-, 2-, 3-, or 4-Way Pattern
250-AA

Width
X

Height
X

Border
1
Surface Mount

Finish
White Aluminum
26
01

Fastening
XX
Screw Holes
No Screw Holes

Optional Damper
X
A
N

Opposed Blade
Multi-Louver
AG-15
AG-20
XX-XX

Patterns
XXX
L1, S1, L2, S2, L2C, S2C, L3, S3, L4, S4

Note: See page F216 for width and height available sizes.

Model
Aluminum, Multi-Use, 1-, 2-, 3- or 4-Way Pattern
250-AA

Width x Height
XX x XX
6 x 6
8 x 8
9 x 9
10 x 10
12 x 12
14 x 14
15 x 15
16 x 16
18 x 18
21 x 21

Module Size
24 x 24

Border
3
Lay-In

Finish
White Aluminum
26
1
XX

Optional Damper
XX-XX
Opposed Blade
Multi-Louver
AG-15
AG-20

Patterns
XXX
L1, S1, L2, S2, L2C, S2C, L3, S3, L4, S4