



Grilles/Registers/Diffusers Submittals

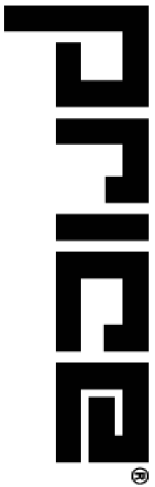
Job Name: NESHAMA HOSPICE,3 CADILLAC AVE,NORTH YORK
Job Location: NORTH YORK
Customer: CONSULT MECHANICAL
Date Printed: 10/30/2024
Spec Section: 15 - HVAC

Contact: 571 Chrislea Rd., Unit 3
Woodbridge, ON L4L 8A2



All-In-One
Detailed Submittal Schedule
Grilles/Registers/Diffusers

#	Qty	Model	Tag	Unit Sz.	Inlet Sz.	Border	Pattern	Face Sz.	Damper	Accessories
1	13	520D	A	40.000, 6.000		F	L			SW
F - 1 1/4" (32) Flat Frame L - Front Louver Blades parallel to Long Dimension SW - Sidewall										
2	3	520D	A	10.000, 6.000		F	L			SW
F - 1 1/4" (32) Flat Frame L - Front Louver Blades parallel to Long Dimension SW - Sidewall										
3	4	520D	A	6.000, 4.000		F	L			SW
F - 1 1/4" (32) Flat Frame L - Front Louver Blades parallel to Long Dimension SW - Sidewall										
4	1	520D	A	14.000, 12.000		F	L			SW
F - 1 1/4" (32) Flat Frame L - Front Louver Blades parallel to Long Dimension SW - Sidewall										
5	1	520D	A	12.000, 12.000		F	L			SW
F - 1 1/4" (32) Flat Frame L - Front Louver Blades parallel to Long Dimension SW - Sidewall										
6	5	ND	A1	6		SM		6	VCAD	
SM - Surface Mount Frame(Wall or Ceiling) VCAD - Volume Control Aperture Damper										
7	46	SCD	A2	10	10	31		24, 24	VCR7	3C, RC
31 - 15/16" T-Bar Lay-In and Surface Mount Application VCR7 - Radial Opposed Blade Damper - Inlet Sizes 6"-15" 3C - 3 Cones (Default) RC - Removable Core										
8	13	SCD	A2	8	8	31		24, 24	VCR7	3C, RC
31 - 15/16" T-Bar Lay-In and Surface Mount Application VCR7 - Radial Opposed Blade Damper - Inlet Sizes 6"-15" 3C - 3 Cones (Default) RC - Removable Core										
9	5	SCD	A2	6	6	31		24, 24	VCR7	3C, RC
31 - 15/16" T-Bar Lay-In and Surface Mount Application VCR7 - Radial Opposed Blade Damper - Inlet Sizes 6"-15" 3C - 3 Cones (Default) RC - Removable Core										
10	64	SPF	FR A2	24, 24						MC
MC - Mounting Clips (Mill Finish)										
11	4	SCD	A3	5	5	31		12, 12	VCR8E	3C, RC
31 - 15/16" T-Bar Lay-In and Surface Mount Application VCR8E - Full Flow Damper Diffuser Mounted - Inlet Sizes 4"-15" 3C - 3 Cones (Default) RC - Removable										
12	4	SCD	A3	4	4	31		12, 12	VCR8E	3C, RC
31 - 15/16" T-Bar Lay-In and Surface Mount Application VCR8E - Full Flow Damper Diffuser Mounted - Inlet Sizes 4"-15" 3C - 3 Cones (Default) RC - Removable										
13	8	SPF	FR A3	12, 12						MC
MC - Mounting Clips (Mill Finish)										
14	1	LBPH	A4	12.000, 8.000		1000	16A		3	
1000 - 1" (25) Border 16A - 15 Degree Deflection - 1/8" Bars - 1/4" On Center Spacing 3 - Opposed Blade Damper Steel Construction										
15	5	530D	B	14.000, 14.000		F	L			SW
F - 1 1/4" (32) Flat Frame L - Front Louver Blades parallel to Long Dimension SW - Sidewall										
16	1	530D	B	18.000, 14.000		F	L			SW
F - 1 1/4" (32) Flat Frame L - Front Louver Blades parallel to Long Dimension SW - Sidewall										
17	5	530D	B	14.000, 12.000		F	L			SW
F - 1 1/4" (32) Flat Frame L - Front Louver Blades parallel to Long Dimension SW - Sidewall										
18	10	530D	B	12.000, 12.000		F	L			SW
F - 1 1/4" (32) Flat Frame L - Front Louver Blades parallel to Long Dimension SW - Sidewall										
19	6	530D	B	10.000, 10.000		F	L			SW
F - 1 1/4" (32) Flat Frame L - Front Louver Blades parallel to Long Dimension SW - Sidewall										
20	3	530D	B	12.000, 6.000		F	L			SW
F - 1 1/4" (32) Flat Frame L - Front Louver Blades parallel to Long Dimension SW - Sidewall										
21	3	530D	B	8.000, 6.000		F	L			SW
F - 1 1/4" (32) Flat Frame L - Front Louver Blades parallel to Long Dimension SW - Sidewall										
22	6	530D	B	16.000, 16.000		F	L			SW
F - 1 1/4" (32) Flat Frame L - Front Louver Blades parallel to Long Dimension SW - Sidewall										
23	1	530D	B	6.000, 6.000		F	L			SW
F - 1 1/4" (32) Flat Frame L - Front Louver Blades parallel to Long Dimension SW - Sidewall										
24	6	530	B1	12.000, 12.000		F	L			SW
F - 1 1/4" (32) Flat Frame L - Front Louver Blades parallel to Long Dimension SW - Sidewall										
25	22	80	B2	23.000, 9.000		NF				LI
NF - 3/4" (19) Narrow Flat Frame LI - T-Bar Lay-In										
26	13	STG1	C	14.000, 14.000		BF				
BF - 1 1/4" Flat Border Both Sides w/Countersunk Screw										
27	8	STG1	C	10.000, 10.000		BF				
BF - 1 1/4" Flat Border Both Sides w/Countersunk Screw										



Performance Notes

Date Printed: 10/30/2024

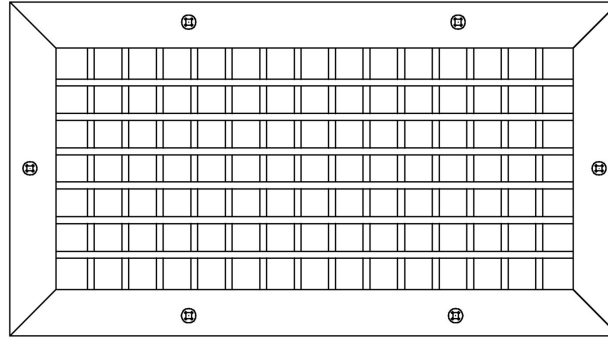
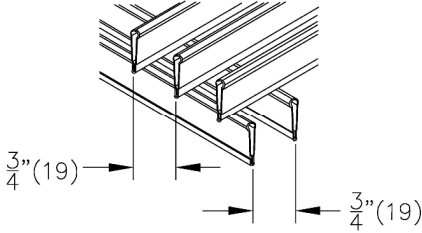
1. Tested in accordance with ASHRAE Standard 70-2006 "Method of Testing for Rating the Performance of Air Outlets and Inlets".
2. Throw data is based on the temperature differential (Dt), in degrees Fahrenheit (°F), between supply air temperature and room temperature.
3. Throw values, in feet (ft), are provided at terminal air velocities of 150 fpm, 100 fpm, and 50 fpm for supply applications.
4. The NC, sound pressure level, is based on a room absorption of 10dB re 10⁻¹² Watts in each octave band.
5. Blanks (--) indicate an NC level below 15.
6. Air flow is in cubic feet per minute (cfm).
7. Static pressure (Ps), velocity pressure (Pv), and total pressure (Pt) are in inches of water (in. w.g.).

The list provided above is for reference purpose only. Contractor to review all items,...make any notes and / or changes to this list and e-mail it back to me when ready to release. Once I receive this list back from you,...I will release into production EXACTLY as detailed and in IMPERIAL unless you note otherwise.

520D Louvered Steel Supply Register – 3/4" Blade Spacing, Double Deflection

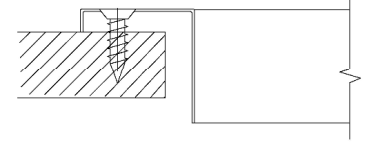
Core Style:

Double Deflection



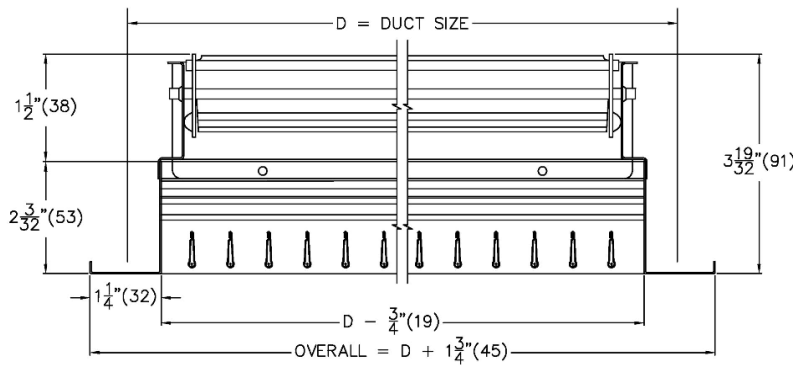
Fastening:

A: Countersunk Screwholes with Screw



Border: F

1 1/4" (32) Flat Frame



Material:

- Steel

Finish:

- B12 - Standard White

Notes:

- Front blades parallel to Long dimension
- Individually adjustable roll formed blades on 3/4" (19) centers
- VCS3 opposed blade damper, coated steel
- Factory tolerance $\pm 1/32$ " (1)
- Standard Construction with a Mullion: A mullion is provided when nominal size grille dimension exceed 24" (610). For uneven nominal size grille dimensions. e.g 45x6, the mullion is positioned 1/2" (12) from the center of the grille

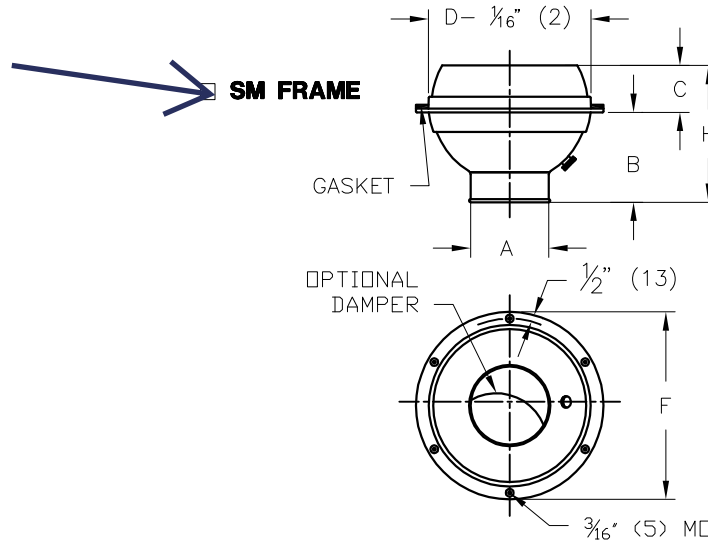
PROJECT: NESHAMA HOSPICE,3 CADILLAC AVE,NORTH YORK

ENGINEER: **CUSTOMER:** CONSULT MECHANICAL

SUBMITTAL NO: 258306 **SUBMITTAL DATE:** 10/30/2024

DESCRIPTION: Louvered Steel Dbl Deflec Reg W/Damp, 3/4" Spacing
520D//1/40.000,10.000,6.000,14.000,12.000/6.000,4.000,12.000/F/L////A/SW/B12

ND - AIR NOZZLE DIFFUSERS



SIZE	A	B	C	D	F	H	Mtg Holes
* 3	1 ⁵ / ₈	1 ³ / ₄	1 ⁵ / ₁₆	3	5	2 ¹ / ₁₆	3
4	2	2 ⁹ / ₁₆	³ / ₄	4	6	3 ⁵ / ₁₆	3
6	3	3 ³ / ₁₆	1 ⁷ / ₁₆	6	8	4 ¹ / ₂	4
8	4 ³ / ₈	4 ¹ / ₄	1 ³ / ₄	8	10	6	4
10	5 ³ / ₄	5 ¹ / ₂	2 ⁷ / ₈	10	12	8 ³ / ₈	6
12	7 ³ / ₈	6	3	12	14	9	6
14	8 ⁵ / ₈	7 ¹ / ₈	4 ¹ / ₈	14	16	11 ¹ / ₄	6
16	9 ³ / ₄	8 ¹ / ₄	4 ³ / ₄	16	18	13	6
18	10 ¹ / ₂	9 ¹ / ₂	4 ¹ / ₄	18	20	13 ³ / ₄	8
20	12 ³ / ₈	10 ⁷ / ₈	4 ⁷ / ₈	20	22	15 ³ / ₄	8

* DAMPER NOT AVAILABLE ON 3" UNIT

MATERIAL :

- ALUMINUM CONSTRUCTION

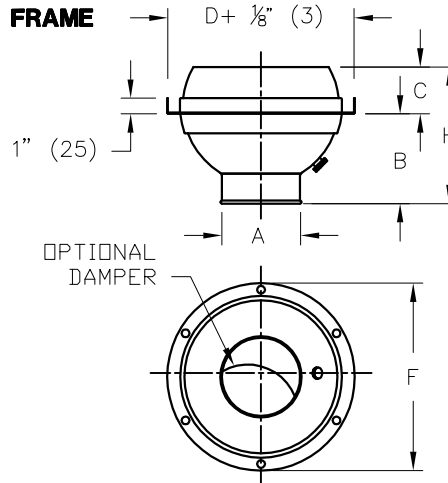
OPTION:

- ☒ SM FRAME - WALL / CEILING MOUNT
- ☐ RD FRAME - EXPOSED ROUND DUCT
- ☐ RR FRAME - ROUND REDUCER

FINISH :

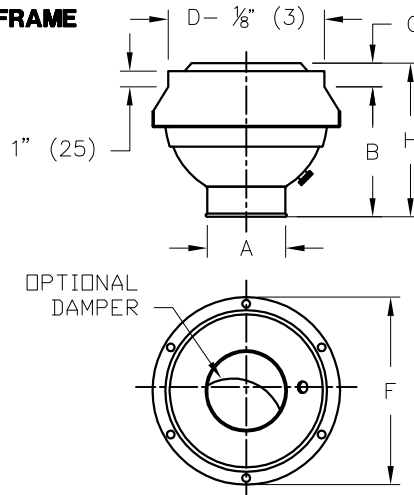
- B12 WHITE (STANDARD)
- (OPTIONAL FINISHES AVAILABLE)

☐ **RD FRAME**



SIZE	A	B	C	D	F	H
4	2	2 ⁹ / ₁₆	³ / ₄	6	6	3 ⁵ / ₁₆
6	3	3 ³ / ₁₆	1 ⁷ / ₁₆	8	8	4 ¹ / ₂
8	4 ³ / ₈	4 ¹ / ₄	1 ³ / ₄	10	10	6
10	5 ³ / ₄	5 ¹ / ₂	2 ⁷ / ₈	12	12	8 ³ / ₈
12	7 ³ / ₈	6	3	14	14	9
14	8 ⁵ / ₈	7 ¹ / ₈	4 ¹ / ₈	16	16	11 ¹ / ₄
16	9 ³ / ₄	8 ¹ / ₄	4 ³ / ₄	18	18	13
18	10 ¹ / ₂	9 ¹ / ₂	4 ¹ / ₄	20	20	13 ³ / ₄
20	12 ³ / ₈	10 ⁷ / ₈	4 ⁷ / ₈	22	22	15 ³ / ₄

☐ **RR FRAME**



SIZE	A	B	C	D	F	H
6	3	5 ⁹ / ₁₆	1	6	8	6 ⁹ / ₁₆
8	4 ³ / ₈	6 ³ / ₄	1	8	10	7 ³ / ₄
10	5 ³ / ₄	8	1	10	12	9
12	7 ³ / ₈	8 ¹ / ₂	1	12	14	9 ¹ / ₂
14	8 ⁵ / ₈	9 ⁵ / ₈	1 ⁵ / ₈	14	16	11 ¹ / ₄
16	9 ³ / ₄	10 ³ / ₄	2 ¹ / ₄	16	18	13
18	10 ¹ / ₂	12	1 ³ / ₄	18	20	13 ³ / ₄
20	12 ³ / ₈	13 ³ / ₈	2 ³ / ₈	20	22	15 ³ / ₄

NOTES:

- DIRECTIONAL AIR PATTERN CONTROL
- ± 35° DEFLECTION
- 360° ROTATION
- AVAILABLE SIZES : MIN. 6", MAX. 20" 2" INCREMENTS
- OPTIONAL APERTURE STYLE DAMPER
- 3 MOUNTING FRAMES
- FACTORY TOLERANCE ± 1/16" (2)

ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT: NESHAMA HOSPICE, 3 CADILLAC AVE, NORTH YORK

ENGINEER:

CUSTOMER: CONSULT MECHANICAL

SUBMITTAL DATE: 10/30/2024

SPEC. SYMBOL: A1

PRICE®

MQ

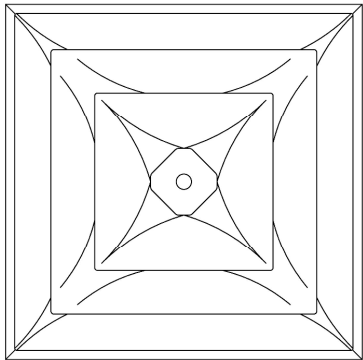
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2013/12/10

ND SERIES

AIR NOZZLE DIFFUSERS

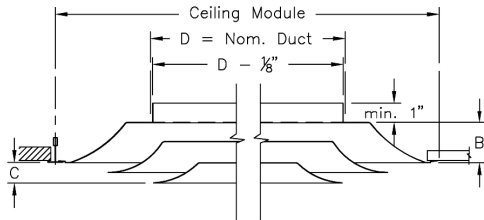
SCD Square Cone Diffuser



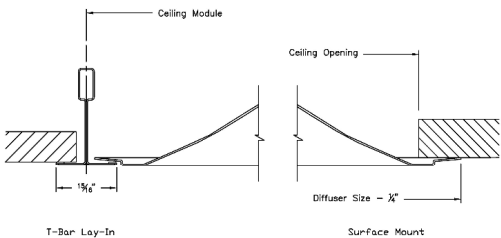
Duct Diameter:	10"
Backpan Height (B):	2 1/2"
Cone Depth (C):	1 1/16"
Ceiling Module:	24" x24"
Ceiling Opening: (Surface Mount)	22" x 22"
No. of Cones:	3 Cones

Border: 31

15/16" T-Bar Lay-In or Surface Mount Application

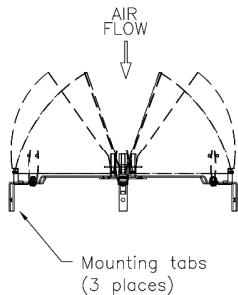


Frame Detail:



Damper: VCR7

Radial Opposed Blade Damper



PROJECT: NESHAMA HOSPICE,3 CADILLAC AVE,NORTH YORK	SUBMITTAL NO: 258274-F	SUBMITTAL DATE: 10/30/2024
ENGINEER:	CUSTOMER: CONSULT MECHANICAL	
DESCRIPTION: Square Cone Diffuser		
SCD-1-2//1/10//24/31//3C/RC//VCR7///B12		

Notes:

- 360° radial horizontal air pattern
- Removable core with locking clips
- Tool-free cone installation/removal
- Dampers ship loose
- For 9/16" flat tee installation with style 31 frame, cross-tees must be firmly secured. Locking any unopposed cross tees to the main beam with clips such as Armstrong STAC is recommended. Corner clips from ceiling suppliers may also be used, or order 916 clip in GRD-PARTS (confirming fit with ceiling on site is recommended).
- Integral hanger loops
- Factory tolerance +/- 1/32"



Scan for link to additional product information

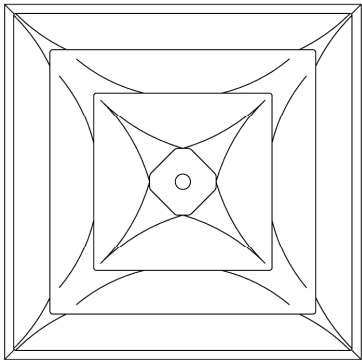
Material:

- Diffuser: Steel
- Damper: Coated Steel

Finish:

- B12 - Standard White

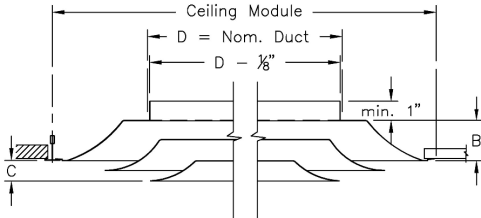
SCD Square Cone Diffuser



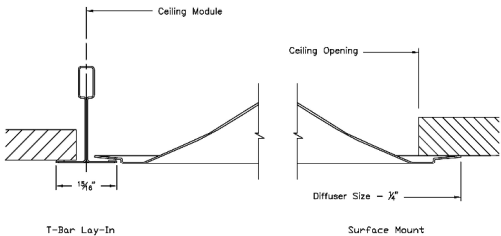
Duct Diameter:	8"
Backpan Height (B):	2 1/2"
Cone Depth (C):	1 1/16"
Ceiling Module:	24" x24"
Ceiling Opening: (Surface Mount)	22" x 22"
No. of Cones:	3 Cones

Border: 31

15/16" T-Bar Lay-In or Surface Mount Application

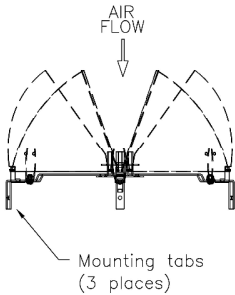


Frame Detail:



Damper: VCR7

Radial Opposed Blade Damper



PROJECT: NESHAMA HOSPICE,3 CADILLAC AVE,NORTH YORK	SUBMITTAL NO: 258274-F	SUBMITTAL DATE: 10/30/2024
ENGINEER:	CUSTOMER: CONSULT MECHANICAL	
DESCRIPTION: Square Cone Diffuser		
SCD-1-2//1/8//24/24/31//3C/RC/VCR7///B12		

Notes:

- 360° radial horizontal air pattern
- Removable core with locking clips
- Tool-free cone installation/removal
- Dampers ship loose
- For 9/16" flat tee installation with style 31 frame, cross-tees must be firmly secured. Locking any unopposed cross tees to the main beam with clips such as Armstrong STAC is recommended. Corner clips from ceiling suppliers may also be used, or order 916 clip in GRD-PARTS (confirming fit with ceiling on site is recommended).
- Integral hanger loops
- Factory tolerance +/- 1/32"



Scan for link to additional product information

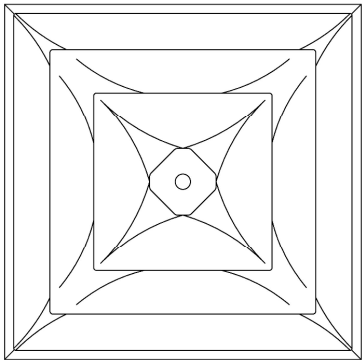
Material:

- Diffuser: Steel
- Damper: Coated Steel

Finish:

- B12 - Standard White

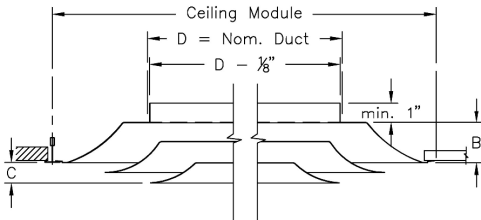
SCD Square Cone Diffuser



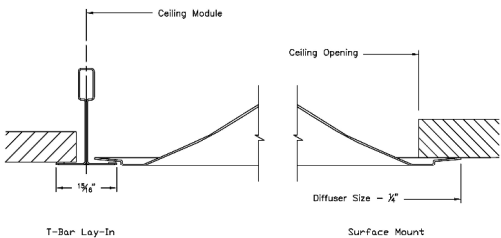
Duct Diameter:	6"
Backpan Height (B):	2 1/2"
Cone Depth (C):	1 1/16"
Ceiling Module:	24" x24"
Ceiling Opening: (Surface Mount)	22" x 22"
No. of Cones:	3 Cones

Border: 31

15/16" T-Bar Lay-In or Surface Mount Application

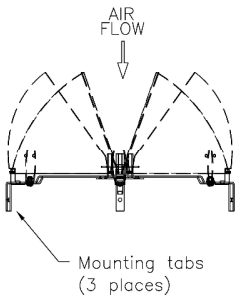


Frame Detail:



Damper: VCR7

Radial Opposed Blade Damper



PROJECT: NESHAMA HOSPICE,3 CADILLAC AVE,NORTH YORK	SUBMITTAL NO: 258274-F	SUBMITTAL DATE: 10/30/2024
ENGINEER:	CUSTOMER: CONSULT MECHANICAL	
DESCRIPTION: Square Cone Diffuser		
SCD-1-2//1/6//24/24/31//3C/RC/VCR7///B12		

Notes:

- 360° radial horizontal air pattern
- Removable core with locking clips
- Tool-free cone installation/removal
- Dampers ship loose
- For 9/16" flat tee installation with style 31 frame, cross-tees must be firmly secured. Locking any unopposed cross tees to the main beam with clips such as Armstrong STAC is recommended. Corner clips from ceiling suppliers may also be used, or order 916 clip in GRD-PARTS (confirming fit with ceiling on site is recommended).
- Integral hanger loops
- Factory tolerance +/- 1/32"



Scan for link to additional product information

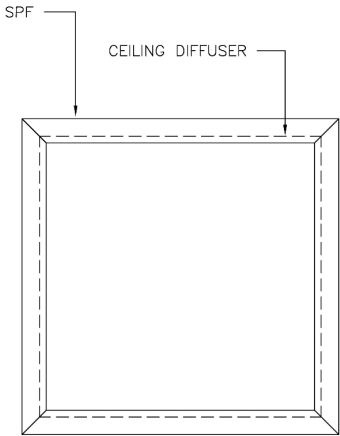
Material:

- Diffuser: Steel
- Damper: Coated Steel

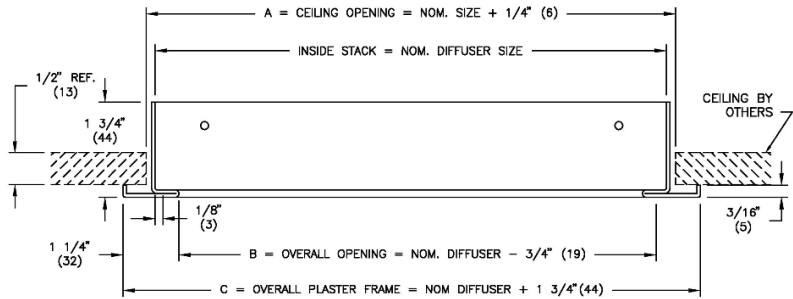
Finish:

- B12 - Standard White

SPF Steel Plaster Frame

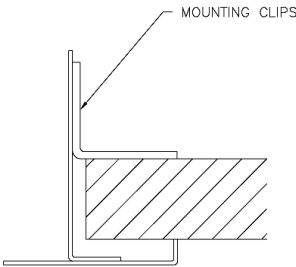


Nom. Diffuser Size	A	B	C
24 x 24	24 1/4 x 24 1/4	23 1/4 x 23 1/4	25 3/4 x 25 3/4



Options:

- Mounting Clips



Notes:

- Factory Tolerance ± 1/32" (1)

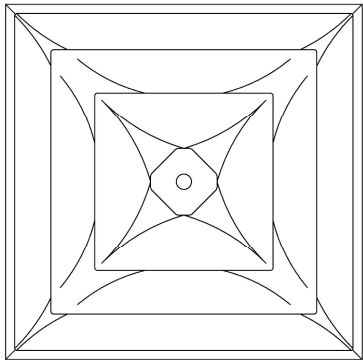
Material:

- Heavy Gauge Steel

Finish:

- B12: Standard White

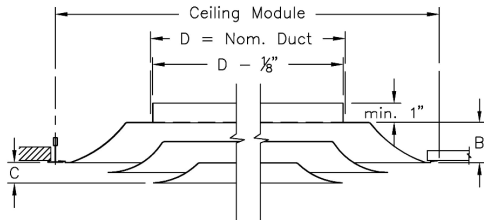
SCD Square Cone Diffuser



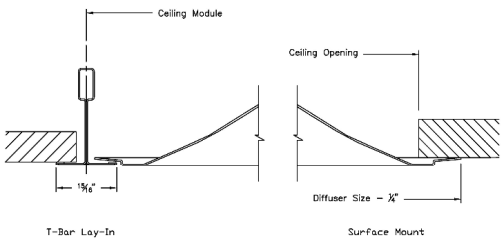
Duct Diameter:	5"
Backpan Height (B):	1 1/8"
Cone Depth (C):	1 1/16"
Ceiling Module:	12" x12"
Ceiling Opening: (Surface Mount)	10 1/2" x 10 1/2"
No. of Cones:	3 Cones

Border: 31

15/16" T-Bar Lay-In or Surface Mount Application

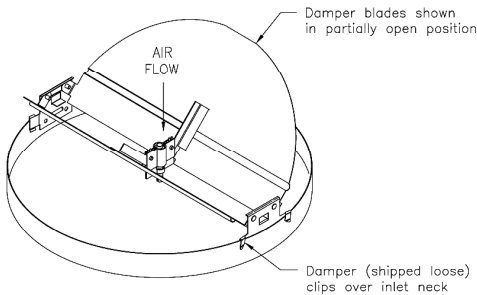


Frame Detail:



Damper: VCR8E

Full Flow Damper, Diffuser Inlet Neck Mount



Notes:

- 360° radial horizontal air pattern
- Removable core with locking clips
- Tool-free cone installation/removal
- Dampers ship loose
- For 9/16" flat tee installation with style 31 frame, cross-tees must be firmly secured. Locking any unopposed cross tees to the main beam with clips such as Armstrong STAC is recommended. Corner clips from ceiling suppliers may also be used, or order 916 clip in GRD-PARTS (confirming fit with ceiling on site is recommended).
- Integral hanger loops
- Factory tolerance +/- 1/32"



Scan for link to additional product information

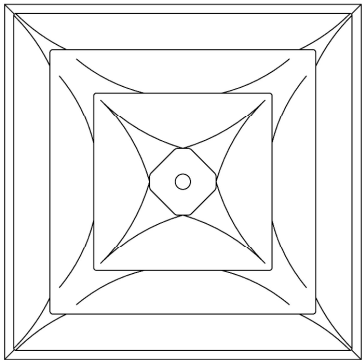
Material:

- Diffuser: Steel
- Damper: Coated Steel

Finish:

- B12 - Standard White

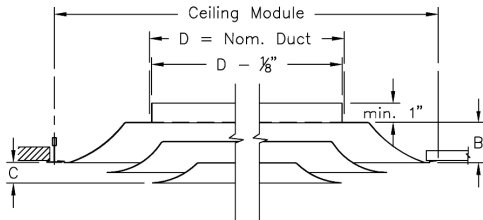
SCD Square Cone Diffuser



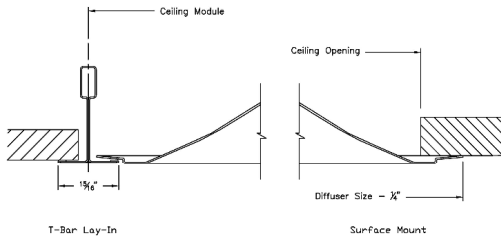
Duct Diameter:	4"
Backpan Height (B):	1 1/8"
Cone Depth (C):	1 1/16"
Ceiling Module:	12" x12"
Ceiling Opening: (Surface Mount)	10 1/2" x 10 1/2"
No. of Cones:	3 Cones

Border: 31

15/16" T-Bar Lay-In or Surface Mount Application

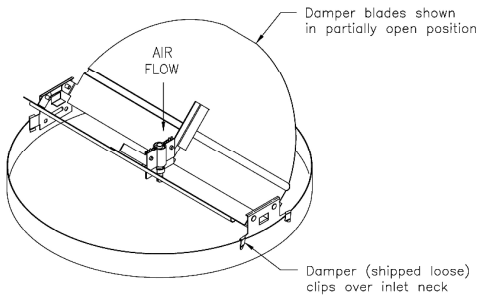


Frame Detail:



Damper: VCR8E

Full Flow Damper, Diffuser Inlet Neck Mount



Notes:

- 360° radial horizontal air pattern
- Removable core with locking clips
- Tool-free cone installation/removal
- Dampers ship loose
- For 9/16" flat tee installation with style 31 frame, cross-tees must be firmly secured. Locking any unopposed cross tees to the main beam with clips such as Armstrong STAC is recommended. Corner clips from ceiling suppliers may also be used, or order 916 clip in GRD-PARTS (confirming fit with ceiling on site is recommended).
- Integral hanger loops
- Factory tolerance +/- 1/32"



Scan for link to additional product information

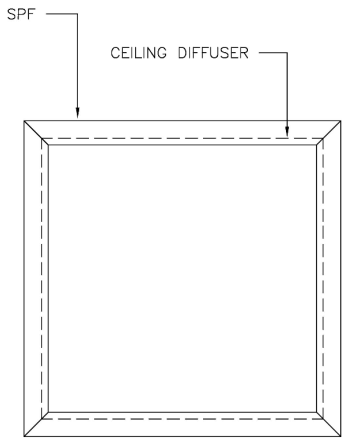
Material:

- Diffuser: Steel
- Damper: Coated Steel

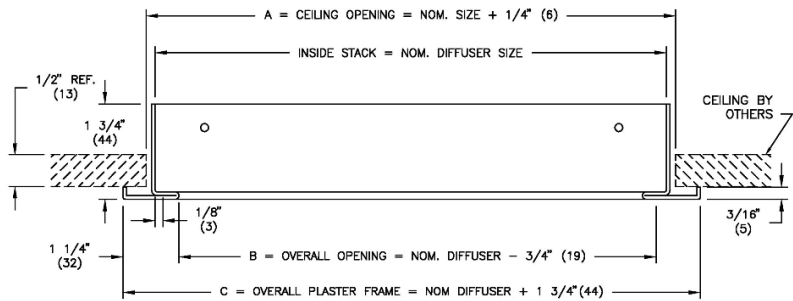
Finish:

- B12 - Standard White

SPF Steel Plaster Frame

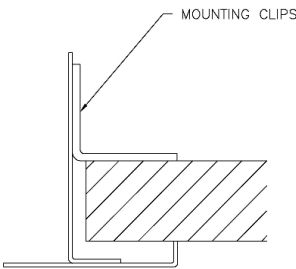


Nom. Diffuser Size	A	B	C
12 x 12	12 1/4 x 12 1/4	11 1/4 x 11 1/4	13 3/4 x 13 3/4



Options:

- Mounting Clips



Notes:

- Factory Tolerance $\pm 1/32"$ (1)

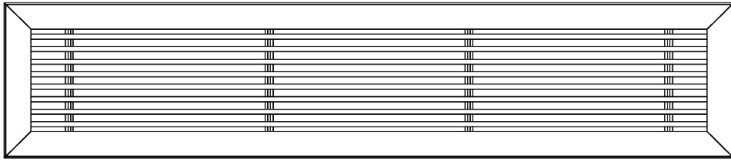
Material:

- Heavy Gauge Steel

Finish:

- B12: Standard White

LBPH Linear Bar Grille - Heavy Duty



End Conditions:

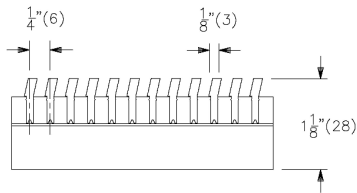
XX Both Mitred Ends

Finish:

B12 Standard White

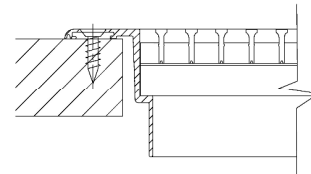
Core

16A 15° Deflection - 1/8" Bars - 1/4" On Center Spacing



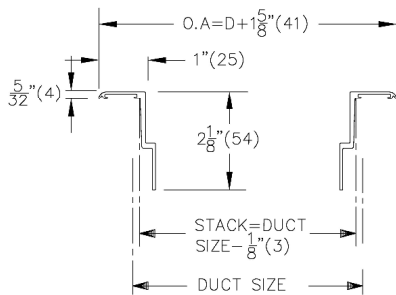
Fastening

A Countersunk Screw Holes



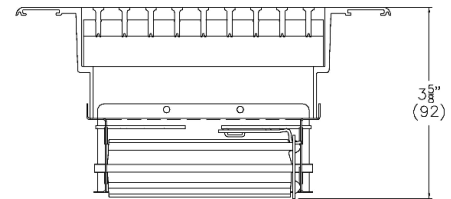
Border

1000 1" (25) Border



Accessories Included

VCS3



VCS3 opposed blade damper
Min. nom. width = 2.5" (64)

Notes

- For floor application
- Bars are parallel to the first dimension
- Weld build-up max. 1/16" (2) at corners
- Factory tolerance: $\pm 1/32"$ (1) per grille section
- Maximum length for one piece construction = 72"
- Removeable Core held in place with clips
- Extruded aluminum construction
- Sections can be joined for continuous appearance
- Screw mounting holes per factory standard
- Units wider than 12" are not recommended for floor applications. If used, additional structural support must be designed and installed by others.
- Units wider than 24" are supplied in multiple sections with mounting channel(s)

PROJECT: NESHAMA HOSPICE, 3 CADILLAC AVE, NORTH YORK
ENGINEER:
DESCRIPTION: Heavy Duty Linear Bar Grille
LBPH//I/12.000/8.000/Floor/1000/16A//XX/3/A/////B12

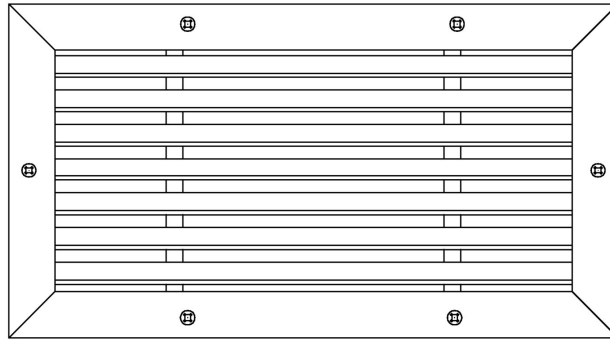
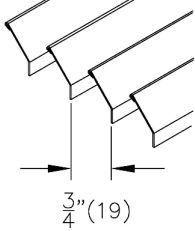
SUBMITTAL NO: 258245-D
CUSTOMER: CONSULT MECHANICAL

SUBMITTAL DATE: 10/30/2024

530D Louvered Steel Return Register – 3/4" Blade Spacing, 45° Single Deflection

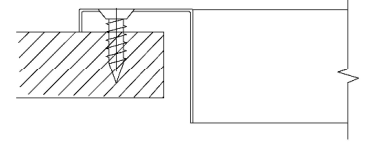
Core Style:

Single Deflection



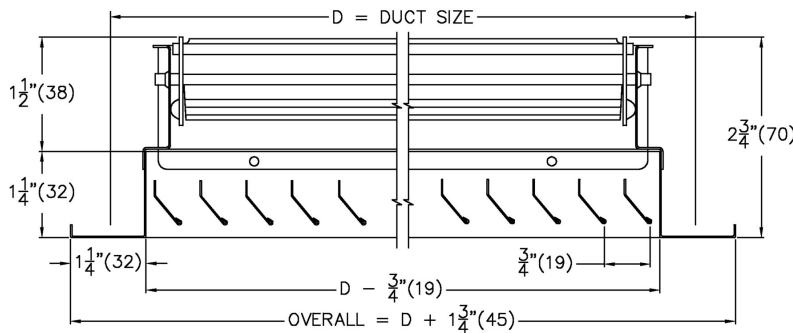
Fastening:

A: Countersunk Screwholes with Screws



Border: F

1 1/4" (32) Flat Frame



Material:

- Steel

Finish:

- B12 - Standard White

Notes:

- Blades parallel to Long dimension
- 45° Deflection roll formed blades on 3/4" (19) centers
- VCS3 opposed blade damper, coated steel
- Factory tolerance $\pm 1/32$ " (1)

PROJECT: NESHAMA HOSPICE,3 CADILLAC AVE,NORTH YORK

ENGINEER: **CUSTOMER:** CONSULT MECHANICAL

SUBMITTAL NO: 258306 **SUBMITTAL DATE:** 10/30/2024

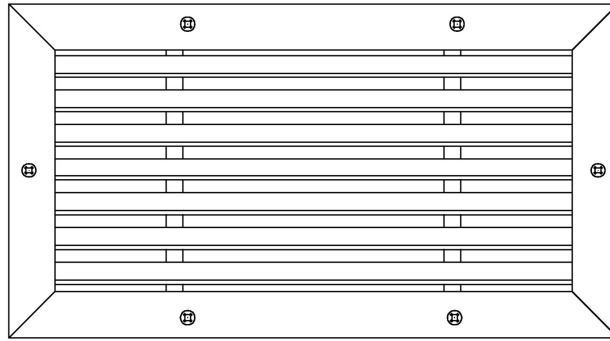
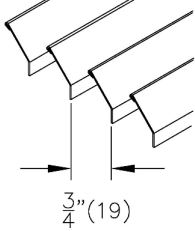
DESCRIPTION: Steel Return Reg W/Damp,45 Deg Blades,3/4" Spcng

530D//1/14.000,18.000,12.000,10.000,8.000,16.000,6.000/14.000,12.000,10.000,6.000,16.000/F/L////A//SW/B12

530 Louvered Steel Return Grille – 3/4" Blade Spacing, 45° Single Deflection

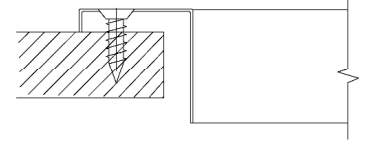
Core Style:

Single Deflection



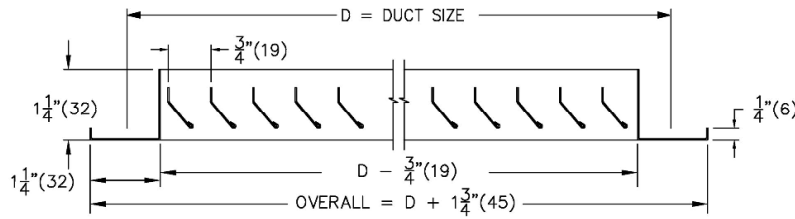
Fastening:

A: Countersunk Screwholes with Screws



Border: F

1 1/4" (32) Flat Frame



Material:

- Steel

Finish:

- B12 - Standard White

Notes:

- Blades parallel to Long dimension
- 45° Deflection roll formed blades on 3/4" (19) centers
- Factory tolerance $\pm 1/32$ " (1)

PROJECT: NESHAMA HOSPICE, 3 CADILLAC AVE, NORTH YORK

ENGINEER: SUBMITTAL NO: 258306

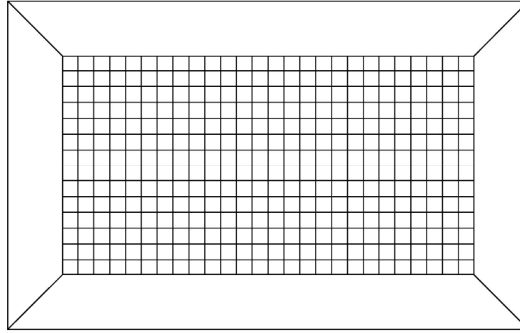
SUBMITTAL DATE: 10/30/2024

DESCRIPTION: Steel Return Grille, 45 Deg Blades, 3/4" Spacing

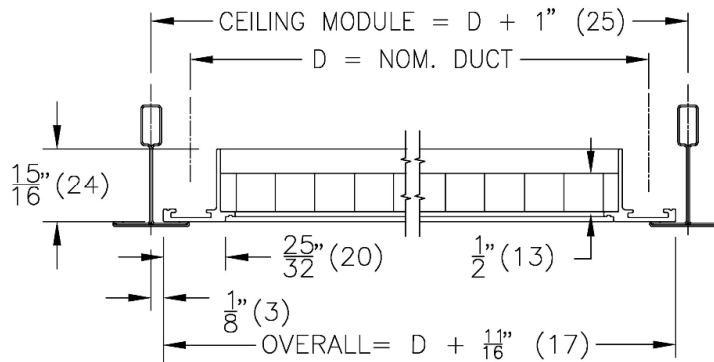
530//I/12.000/12.000/F/L//A//SW/B12

CUSTOMER: CONSULT MECHANICAL

80 Egg Crate Grille – 1/2" x 1/2" x 1/2" Core



Border: NF
3/4" (19) Narrow Flat Frame



Material:

- Grille - Aluminum construction

Finish:

- B12 - Standard White

Notes:

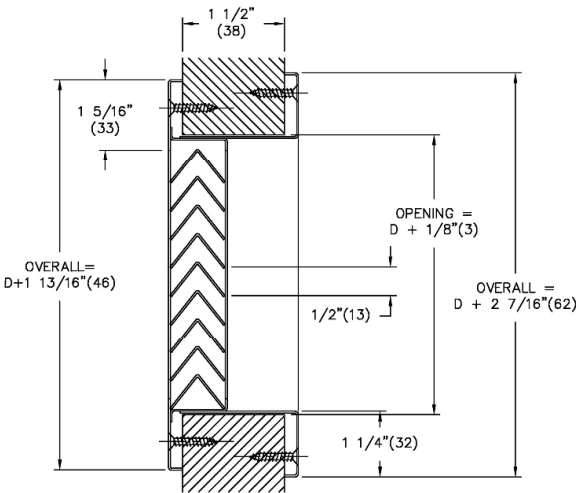
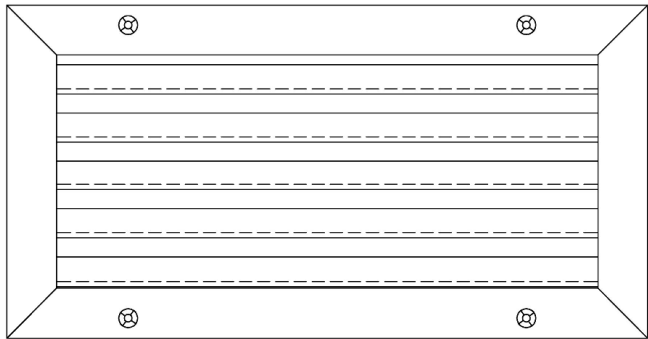
- 1/2" x 1/2" x 1/2" aluminum grid core
- Maximum duct size without mullion = 48" x 24" (1219mm x 610mm)
- Maximum duct size with mullion = 96" x 48" (2438mm x 1219mm)
- Units with mullion supplied in one-piece frame construction
- Units over 96" x 48" (2438mm x 1219mm) supplied in sections c/w Duct Mounting Channel
- NF frame minimum duct size = 6" x 3" (152mm x 76mm)
- Factory tolerance $\pm 1/32"$ (1mm)

PROJECT: NESHAM HOSPICE, 3 CADILLAC AVE, NORTH YORK
ENGINEER:
DESCRIPTION: Egg Crate Grille, 1/2" X 1/2" X 1/2"
80//V23.000/9.000//LI/NF/////24/10//0/////B12

SUBMITTAL NO: 259683-E
CUSTOMER: CONSULT MECHANICAL

SUBMITTAL DATE: 10/30/2024

STG1 Steel Transfer Grille



- Notes:
- Sightproof core
 - Blades on 1/2" (13) centers
 - Border BF: Flat border on both sides with countersunk screwhole fastening
 - Factory tolerance ± 1/32" (1)

- Material:
- Heavy Duty Steel Construction
- Finish:
- B15: Metallic Gray



Submittals

Job Name: NESHAMA HOSPICE,3 CADILLAC AVE,NORTH YORK

Job Location: NORTH YORK

Customer: CONSULT MECHANICAL

Date Printed: 10/30/2024

Spec Section: 15 - HVAC

Contact: 571 Chrislea Rd., Unit 3
Woodbridge, ON L4L 8A2



All-In-One
Detailed Submittal Schedule

#	Qty	Model	Tag	Louver Width (in)	Louver Height (in)	Opening Width (in)	Opening Height (in)	Construction	Appearance	Mtg Type	Hange	Screen/Panel Type	Screen/Panel Finish	Louver Finish	Louver Color
28	1	J6443	D	59.50	11.50	60.00	12.00	W	STD	B	150	AE	MILL	DR	MPC1
STD - Standard Appearance with Visible Mullions B - Flange Mounting 150 - 1 1/2" Flange AE - Expanded Aluminum Bird Screen No Frame MILL - Non Treated from the Mill - Unpainted DR - Duranar to Match Sample MPC1 - Matching Paint Chip 1															
29	2	J6443	D	35.50	19.50	36.00	20.00	W	STD	B	150	AE	MILL	DR	MPC1
STD - Standard Appearance with Visible Mullions B - Flange Mounting 150 - 1 1/2" Flange AE - Expanded Aluminum Bird Screen No Frame MILL - Non Treated from the Mill - Unpainted DR - Duranar to Match Sample MPC1 - Matching Paint Chip 1															
30	5	J6443	D	11.50	11.50	12.00	12.00	W	STD	B	150	AE	MILL	DR	MPC1
STD - Standard Appearance with Visible Mullions B - Flange Mounting 150 - 1 1/2" Flange AE - Expanded Aluminum Bird Screen No Frame MILL - Non Treated from the Mill - Unpainted DR - Duranar to Match Sample MPC1 - Matching Paint Chip 1															

The list above is provided for reference purpose only. Contractor to confirm quantity, tag, size, frame style, finish of all louvers prior to release.

STANDARD CONSTRUCTION

CONSTRUCTION

- ALL WELDED

FRAME

- 4.00in x .081in [102mm x 2.1mm] EXTRUDED ALUMINUM (6063-T5) CHANNEL FRAME

BLADES

- J STYLE BLADES, .081in[2.1mm] EXTRUDED ALUMINUM (6063-T5) 43° BLADE ANGLE, 5.00in[127mm] BLADE SPACING

FINISH

- MILL

MINIMUM SECTION SIZE

- 9.00in W x 10.50in H [229mm x 267mm]

MAXIMUM SECTION SIZE

- ONE PIECE CONSTRUCTION 72in W x 120in H [1829mm x 3048mm] OR 120in W x 72in H [3048mm x 1829mm]
- LARGER LOUVERS WILL REQUIRE FIELD ASSEMBLY OF MULTIPLE SECTIONS BY OTHERS
- LARGER LOUVERS MAY REQUIRE STRUCTURAL SUPPORT BY OTHERS
- MAXIMUM SECTION SIZE MAY VARY FOR ANODIZED FINISH



CHANNEL FRAME "A" MOUNTING SHOWN
FOR OTHER MOUNTING METHODS SEE 274240

AVAILABLE OPTIONS

- ☐ FLANGED FRAME

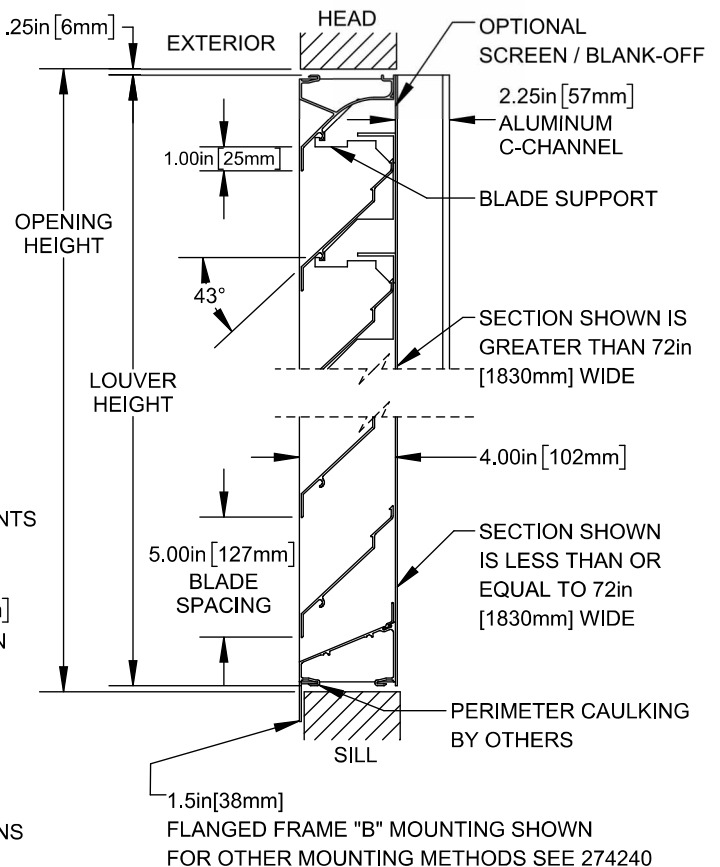
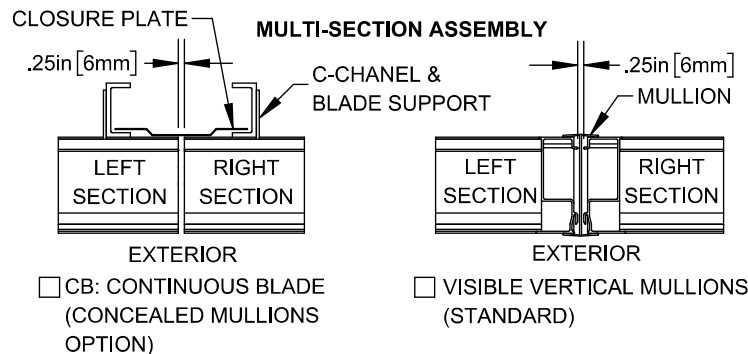
FINISHES


- ☐ PRIME COAT
- ☐ DURACRON (BAKED ENAMEL) [1]
- ☒ DURANAR (70% PVDF) [1]
- ☐ DURANAR XL (70% PVDF WITH CLEAR TOP COAT) [1]
- ☐ CLEAR ANODIZED
- ☐ COLOUR ANODIZED [1]

ACCESSORIES

- ☒ BIRD SCREEN
- ☐ INSECT SCREEN
- ☐ EXTENDED SILL (LOOSE)
- ☐ BLANK-OFF PANELS (INSULATED OR NON-INSULATED)

[1] REFER TO PRICE COLOUR GUIDES FOR A LIST OF AVAILABLE
STANDARD COLOURS: [PAINT](#) & [ANODIZED](#)
CONSULT PRICE LOUVERS DEPT. FOR OTHER SPECIAL REQUIREMENTS



PROJECT: NESHAMA HOSPICE,3 CADILLAC AVE,NORTH YORK			
ENGINEER:		GA	JE443 4" (102) DEEP, 43° BLADE EXTRUDED NON-DRAINABLE LOUVER
CUSTOMER: CONSULT MECHANICAL		237944	
SUBMITTAL DATE: 10/30/2024	SPEC. SYMBOL: D	04/08/2022	