



54 Audia Court, Unit 2  
Concord, ON L4K 3N5  
(905)-738-1400

## Submittal 24-256-001

PROJECT NAME	PROJECT ADDRESS	DATE SUBMITTED
NESHAMA HOSPICE	24-256 3 Cadillac Avenue North York, ON M3H 1R9	Oct 31, 2024
TO	FROM	
Taranjeet Singh	PAUL LEDDY	
COMPANY	COMPANY	
1568796 ONTARIO INC. C/A RENOKREW	Consult Mechanical Inc.	
EMAIL	EMAIL	
taranjeet@renokrew.com	paul.l@consultmechanical.com	
ADDRESS	ADDRESS	
43 LEPAGE COURT TORONTO, ON M3J 1Z9	54 Audia Court, Unit 2 Concord, ON L4K 3N5	

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### Title

EH Price Grilles and Diffusers

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### Description

Type A - Eh Price Model # 520D - Louver Face Double Deflection Supply  
Type A1 - Eh Price Model # ND - Nozzle Supply Diffuser  
Type A2 - Eh Price Model # SCD - 24x24 Square Diffuser  
Type A3 - Eh Price Model # SCD - 12x12 Square Diffuser  
Type A4 - Eh Price Model # LBPH - Heavy Duty Linear Bar Grille  
Type B - Eh Price Model # 530D - Return/Exhaust Grille  
Type B1 - Eh Price Model # 530D - Return/Exhaust Grille  
Type B2 - Eh Price Model # 80 - Narrow Frame T Bar Lay-in  
Type C - Eh Price Model # STG 1- Transfer Grille  
Type C1 - Eh Price Model # Nailor Model 6IDGD -  
Type D - Eh Price Model # JE443 -

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### Package Items

SPEC	SUBSECTION	ITEM	TYPE
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# Grilles/Registers/Diffusers Submittals

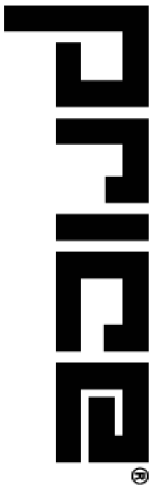
**Job Name:** NESHAMA HOSPICE,3 CADILLAC AVE,NORTH YORK  
**Job Location:** NORTH YORK  
**Customer:** CONSULT MECHANICAL  
**Date Printed:** 10/30/2024  
**Spec Section:** 15 - HVAC

**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

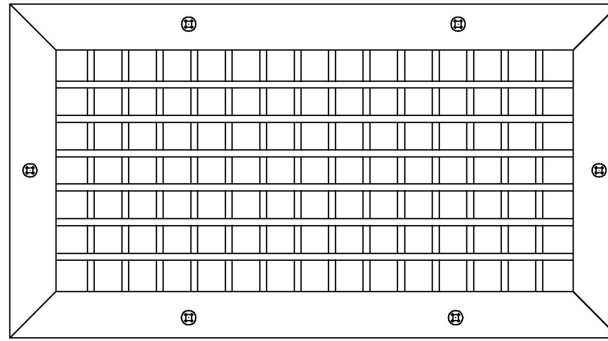
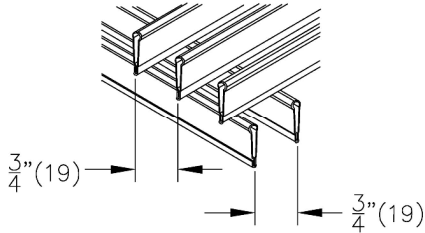
1. Tested in accordance with ASHRAE Standard 70-2006 "Method of Testing for Rating the Performance of Air Outlets and Inlets".
2. Throw data is based on the temperature differential (Dt), in degrees Fahrenheit (°F), between supply air temperature and room temperature.
3. Throw values, in feet (ft), are 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<sup>-12</sup> 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

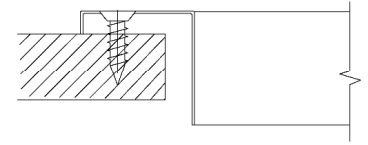
### Core Style:

Double Deflection



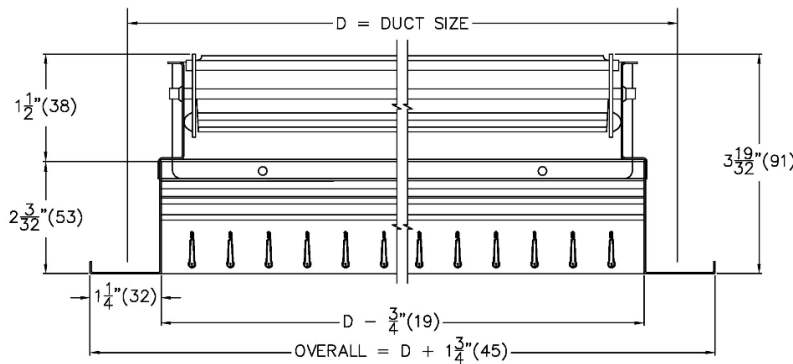
### Fastening:

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

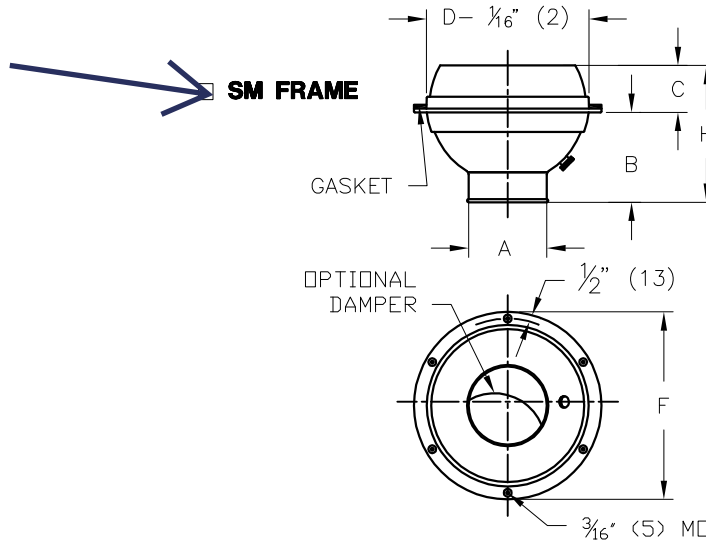
**ENGINEER:** **CUSTOMER:** CONSULT MECHANICAL

**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 <sup>5</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	1 <sup>5</sup> / <sub>16</sub>	3	5	2 <sup>1</sup> / <sub>16</sub>	3
4	2	2 <sup>9</sup> / <sub>16</sub>	<sup>3</sup> / <sub>4</sub>	4	6	3 <sup>5</sup> / <sub>16</sub>	3
6	3	3 <sup>3</sup> / <sub>16</sub>	1 <sup>7</sup> / <sub>16</sub>	6	8	4 <sup>1</sup> / <sub>2</sub>	4
8	4 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>4</sub>	8	10	6	4
10	5 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>2</sub>	2 <sup>7</sup> / <sub>8</sub>	10	12	8 <sup>3</sup> / <sub>8</sub>	6
12	7 <sup>3</sup> / <sub>8</sub>	6	3	12	14	9	6
14	8 <sup>5</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>8</sub>	14	16	11 <sup>1</sup> / <sub>4</sub>	6
16	9 <sup>3</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	16	18	13	6
18	10 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>4</sub>	18	20	13 <sup>3</sup> / <sub>4</sub>	8
20	12 <sup>3</sup> / <sub>8</sub>	10 <sup>7</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub>	20	22	15 <sup>3</sup> / <sub>4</sub>	8

\* DAMPER NOT AVAILABLE ON 3" UNIT

**MATERIAL :**

- ALUMINUM CONSTRUCTION

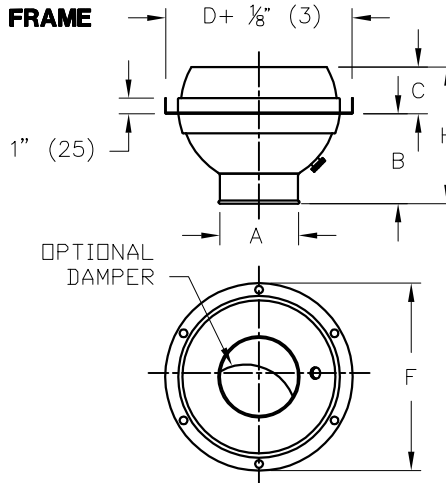
**OPTION:**

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

**FINISH :**

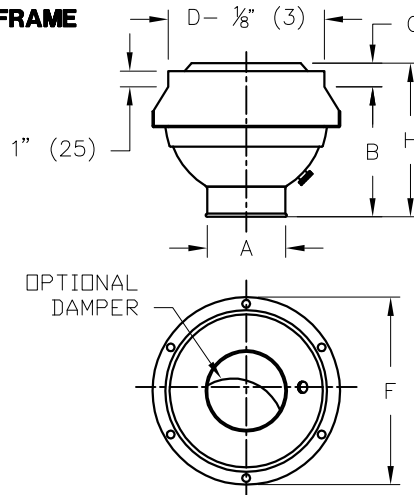
- B12 WHITE (STANDARD)
- (OPTIONAL FINISHES AVAILABLE)

☐ **RD FRAME**



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

☐ **RR FRAME**



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

**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*

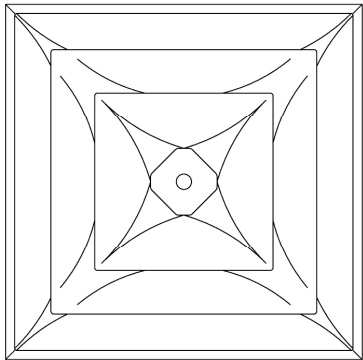
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2013/12/10

**ND SERIES**

AIR NOZZLE DIFFUSERS

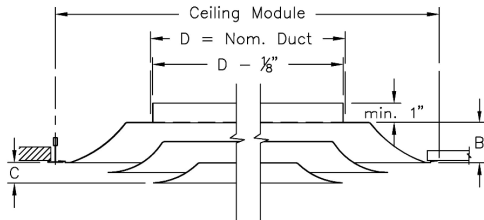
SCD Square Cone Diffuser



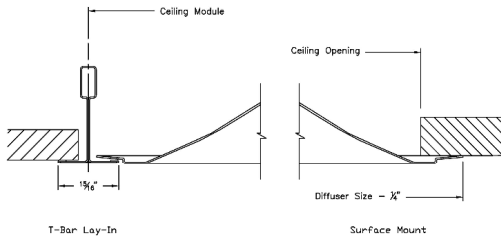
Duct Diameter:	10"
Backpan Height (B):	2 1/2"
Cone Depth (C):	1 1/16"
Ceiling Module:	24" x24"
Ceiling Opening: (Surface Mount)	22" x 22"
No. of Cones:	3 Cones

Border: 31

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

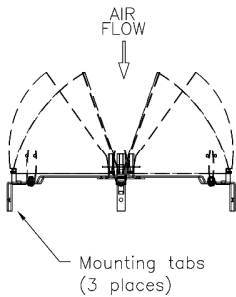


Frame Detail:



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:

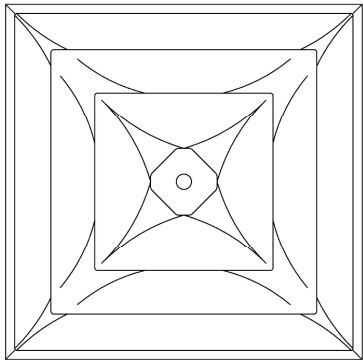
- Diffuser: Steel
- Damper: Coated Steel

Finish:

- B12 - Standard White



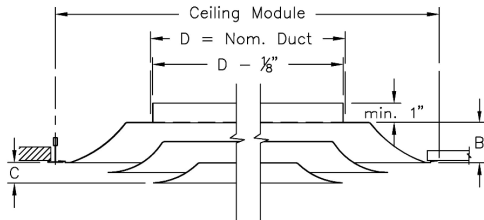
SCD Square Cone Diffuser



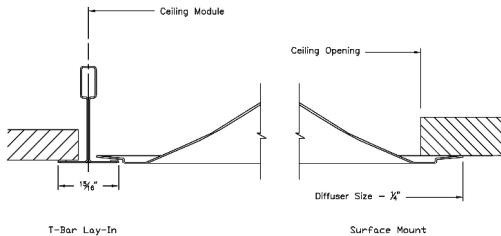
Duct Diameter:	8"
Backpan Height (B):	2 1/2"
Cone Depth (C):	1 1/16"
Ceiling Module:	24" x24"
Ceiling Opening: (Surface Mount)	22" x 22"
No. of Cones:	3 Cones

Border: 31

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

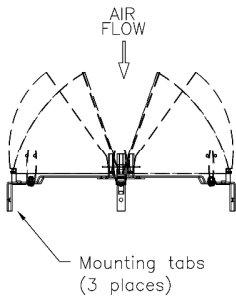


Frame Detail:



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

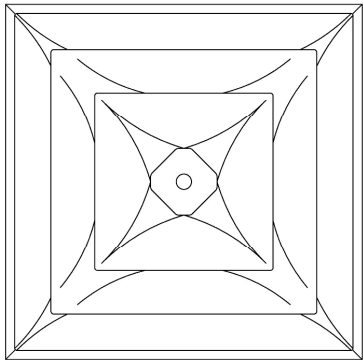
Material:

- Diffuser: Steel
- Damper: Coated Steel

Finish:

- B12 - Standard White

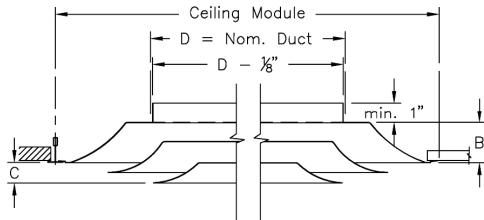
SCD Square Cone Diffuser



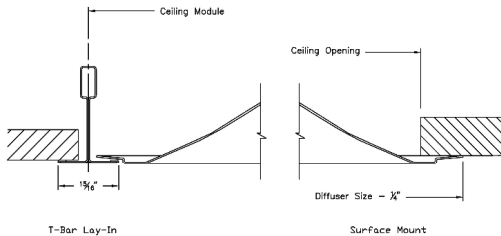
Duct Diameter:	6"
Backpan Height (B):	2 1/2"
Cone Depth (C):	1 1/16"
Ceiling Module:	24" x24"
Ceiling Opening: (Surface Mount)	22" x 22"
No. of Cones:	3 Cones

Border: 31

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

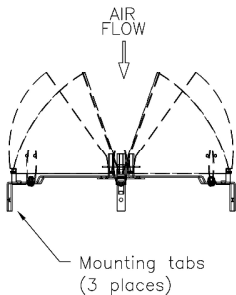


Frame Detail:



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

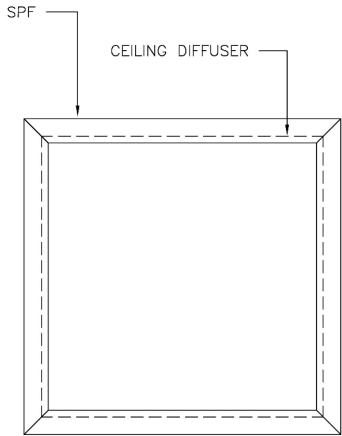
Material:

- Diffuser: Steel
- Damper: Coated Steel

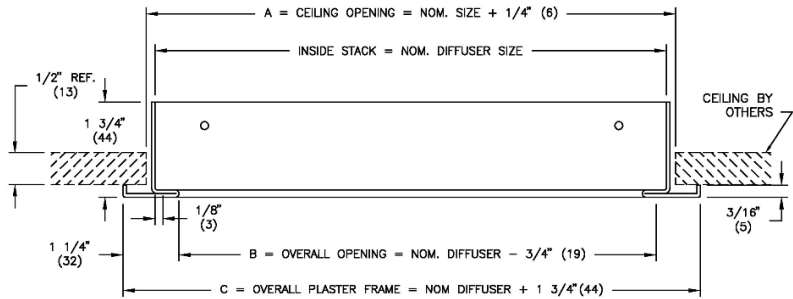
Finish:

- B12 - Standard White

SPF Steel Plaster Frame

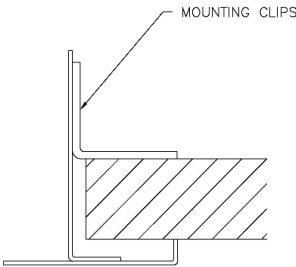


Nom. Diffuser Size	A	B	C
24 x 24	24 1/4 x 24 1/4	23 1/4 x 23 1/4	25 3/4 x 25 3/4



Options:

- Mounting Clips



Notes:

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

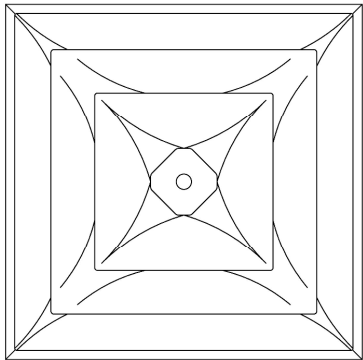
Material:

- Heavy Gauge Steel

Finish:

- B12: Standard White

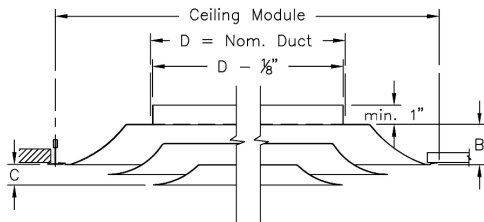
SCD Square Cone Diffuser



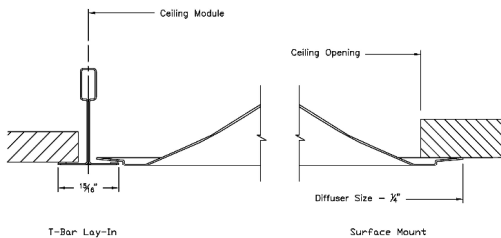
Duct Diameter:	5"
Backpan Height (B):	1 1/8"
Cone Depth (C):	1 1/16"
Ceiling Module:	12" x12"
Ceiling Opening: (Surface Mount)	10 1/2" x 10 1/2"
No. of Cones:	3 Cones

Border: 31

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

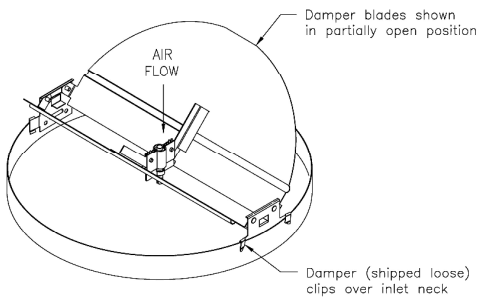


Frame Detail:



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

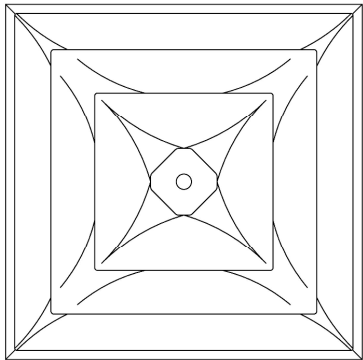
Material:

- Diffuser: Steel
- Damper: Coated Steel

Finish:

- B12 - Standard White

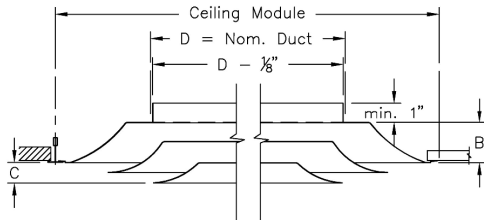
SCD Square Cone Diffuser



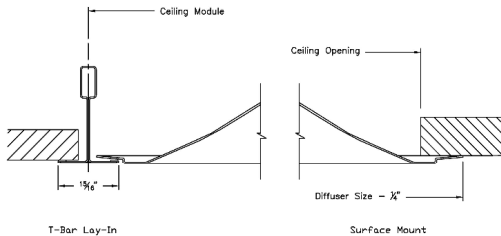
Duct Diameter:	4"
Backpan Height (B):	1 1/8"
Cone Depth (C):	1 1/16"
Ceiling Module:	12" x12"
Ceiling Opening: (Surface Mount)	10 1/2" x 10 1/2"
No. of Cones:	3 Cones

Border: 31

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

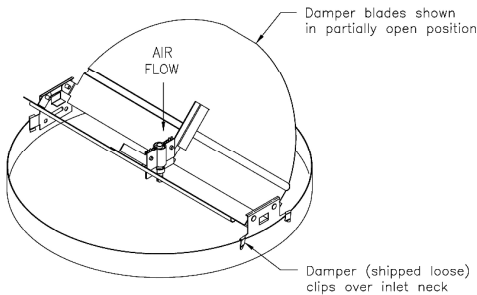


Frame Detail:



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

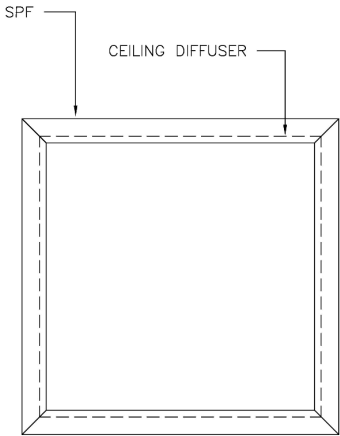
Material:

- Diffuser: Steel
- Damper: Coated Steel

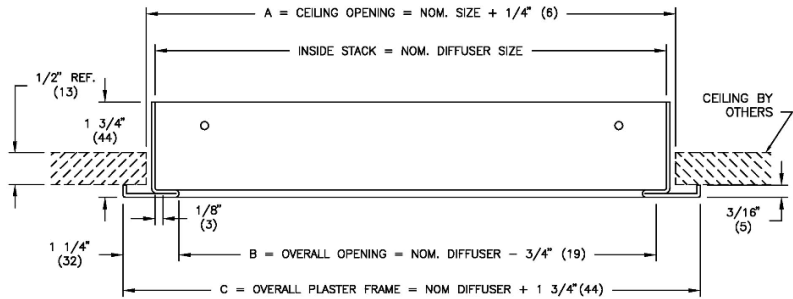
Finish:

- B12 - Standard White

SPF Steel Plaster Frame

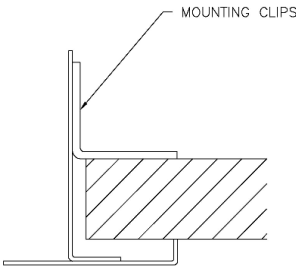


Nom. Diffuser Size	A	B	C
12 x 12	12 1/4 x 12 1/4	11 1/4 x 11 1/4	13 3/4 x 13 3/4



Options:

- Mounting Clips



Notes:

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

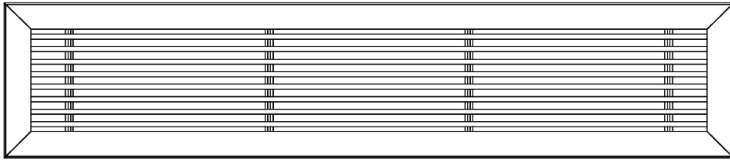
Material:

- Heavy Gauge Steel

Finish:

- B12: Standard White

## LBPH Linear Bar Grille - Heavy Duty



### End Conditions:

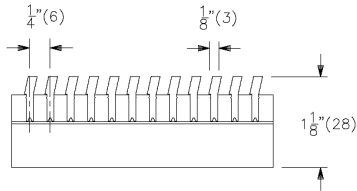
XX Both Mitred Ends

### Finish:

B12 Standard White

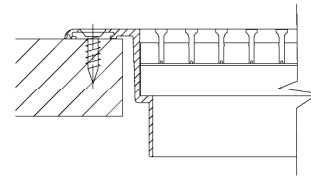
## Core

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



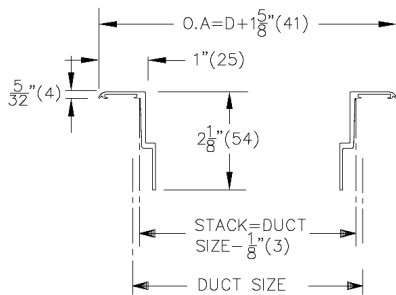
## Fastening

**A** Countersunk Screw Holes



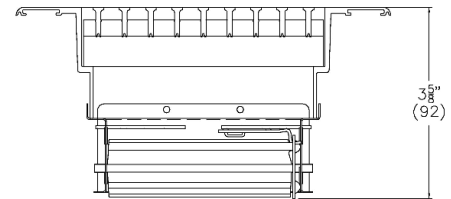
## Border

**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

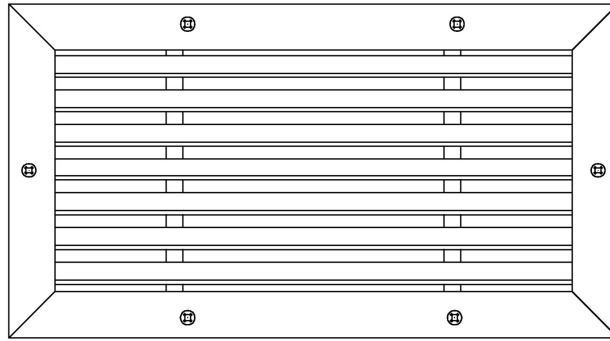
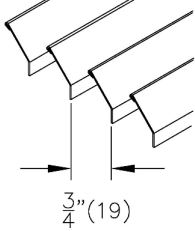
**SUBMITTAL NO:** 258245-D  
**CUSTOMER:** CONSULT MECHANICAL

**SUBMITTAL DATE:** 10/30/2024

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

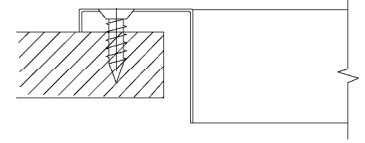
### Core Style:

Single Deflection



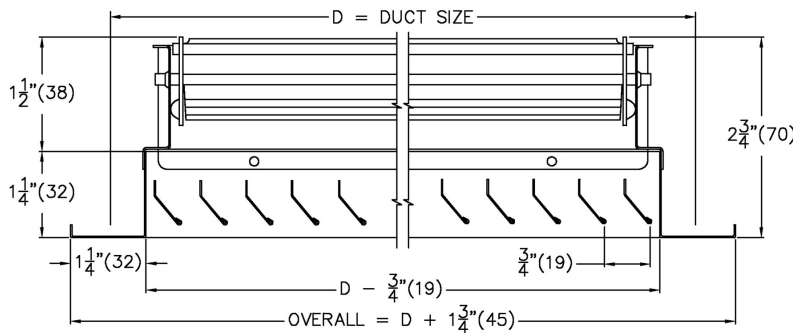
### Fastening:

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

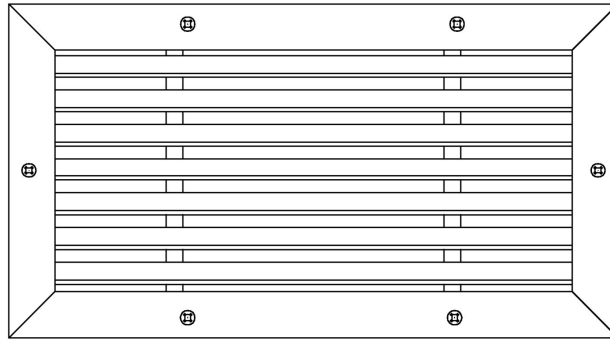
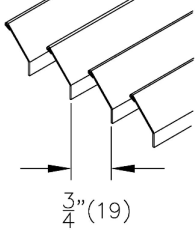
**ENGINEER:** **CUSTOMER:** CONSULT MECHANICAL

**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

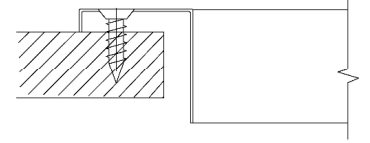
### Core Style:

Single Deflection



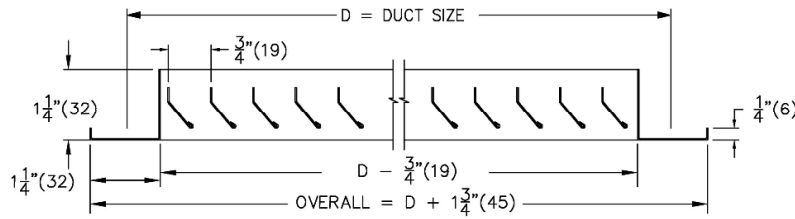
### Fastening:

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

**SUBMITTAL NO:** 258306

**SUBMITTAL DATE:** 10/30/2024

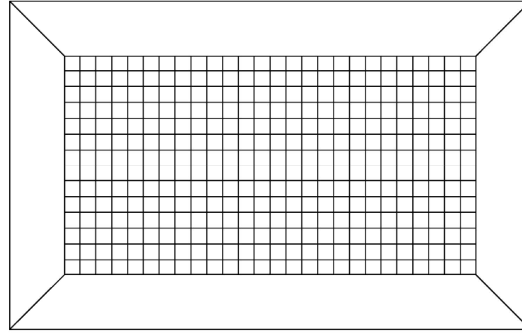
**ENGINEER:**

**CUSTOMER:** CONSULT MECHANICAL

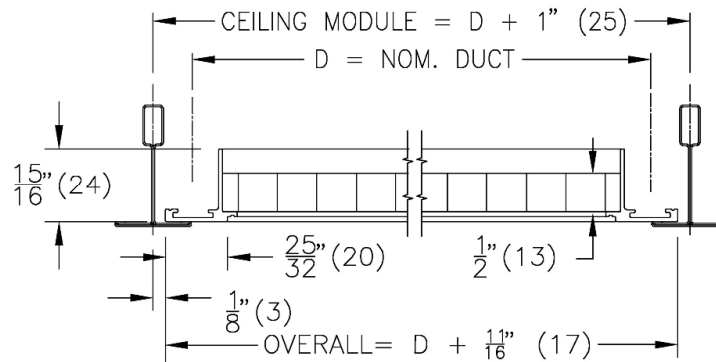
**DESCRIPTION:** Steel Return Grille, 45 Deg Blades, 3/4" Spacing

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

**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:**

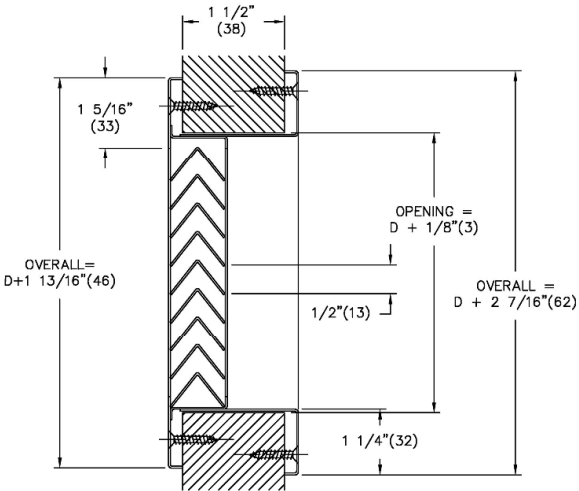
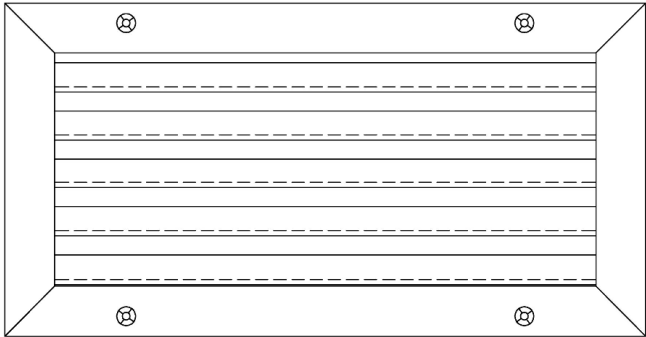
- 1/2" x 1/2" x 1/2" aluminum grid core
- Maximum duct size without mullion = 48" x 24" (1219mm x 610mm)
- Maximum duct size with mullion = 96" x 48" (2438mm x 1219mm)
- Units with mullion supplied in one-piece frame construction
- Units over 96" x 48" (2438mm x 1219mm) supplied in sections c/w Duct 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	JE443	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	JE443	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	JE443	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

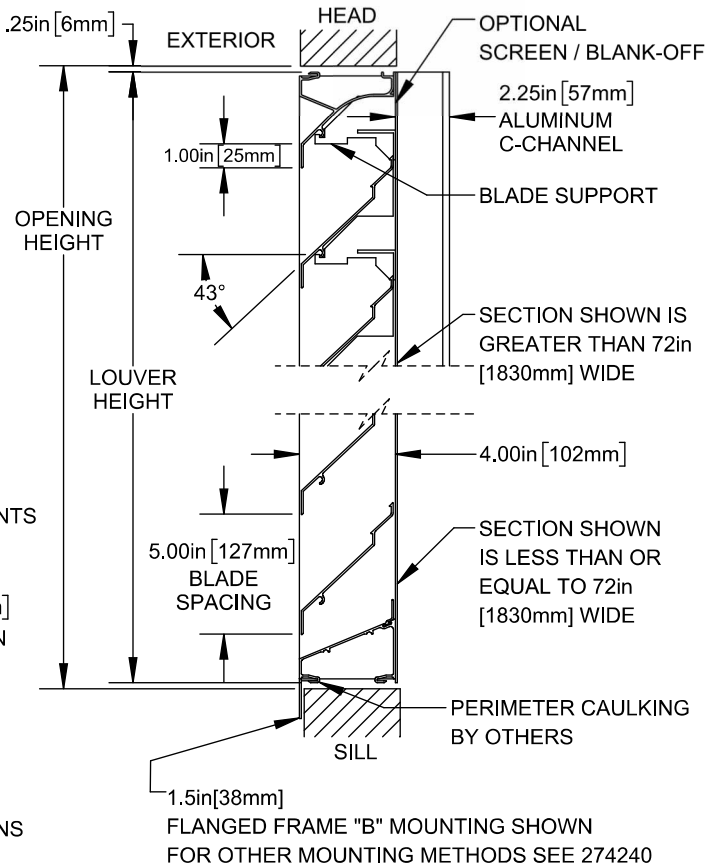
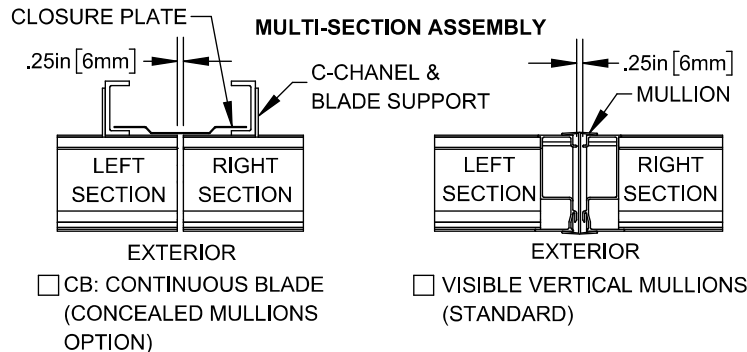
**FINISHES**

- ☐ 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



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