

GPY+ Associates Engineering Inc.

MECHANICAL SHOP DRAWINGS

PROJECT: York Region Administrative
Centre – Interior Fit-up
Package ‘D’

17250 Yonge Street,
Newmarket, Ontario
L3R 0T5

Reviewed	<input type="checkbox"/>	Reviewed as Modified	<input checked="" type="checkbox"/>
Not Reviewed	<input type="checkbox"/>	Revise and Resubmit	<input type="checkbox"/>

This review is for conformance with the general design intent only and does not change the intent of the Contract Documents. Responsibility for errors or omissions in the shop drawings, details, co-ordination and dimensioning remains solely with the Contractor.

GPY+ Associates Engineering Inc.

Name: Grant Youdelis

Date: December 16, 2024

PROJECT NO.: GPY-9920

Shop Drawing No.:	M-3
Product:	Grilles, Registers, Diffusers
Supplier:	E.H. Price

Comments:

- 1. Grilles, Registers, Diffusers shop drawings are acceptable.
- 2. Quantities not reviewed.



SUBMITTAL

TO: GPY + Associates Engineering Inc. – ATTN: Sherwin Reyes
PROJECT: York Region, Administration Building Package D Renovations
ADDRESS: 17250 Yonge Street, Newmarket, ON
INCLUDED: Mechanical Shop Drawing – Grilles, Registers, Diffusers
SPEC DIV: 23 30 00

From: Trisect Construction Corporation
7-4020A Sladeview Crescent
Mississauga, ON L5L 6B1
Tom Butkovic / Ivan Lulic / Jay Cowie

The shop drawings included below have been:

- ☒ REVIEWED
- ☐ REVIEWED AS NOTED
- ☐ RESUBMIT
- ☐ REJECTED

Review of this submission is for compliance with the general intent of the contract. This review does not relieve the Sub-Contractor, Trade Contractor, Supplier or Manufacturer of the responsibility of meeting all requirements of the contract documents. Any deviation from the contract documents initiated by the Sub-Contractor, Trade Contractor, Supplier or Manufacturer shall be at his sole risk and responsibility. QUANTITIES AND DETAIL DIMENSIONS ARE THE SUBCONTRACTORS OR SUPPLIERS' RESPONSIBILITY. VERIFY THE DATA WITH FIELD DIMENSIONS AND CONDITIONS.

Per: Tom Butkovic Final review to be received by: G. Bruce Stratton Architects	Dated: November 19/2024
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54 Audia Court, Unit 2
Concord, ON L4K 3N5
(905)-738-1400

Submittal 24-277-002

PROJECT NAME	PROJECT ADDRESS	DATE SUBMITTED
YORK REGION VARIOUS PROJECTS 24-277	17250 Young Street Newmarket, ON	Nov 13, 2024
TO	FROM	
Tom Butkovic	PAUL LEDDY	
COMPANY	COMPANY	
TRISECT CONSTRUCTION	Consult Mechanical Inc.	
EMAIL	EMAIL	
tbutkovic@trisectionconstruction.com	paul.l@consultmechanical.com	
ADDRESS	ADDRESS	
4020A SLADEVIEW cRESCENT, UNIT 7 MISSISSAUGA, ON L5L 6B1 JOB: 1300 INSLINGTON SUITE 103	54 Audia Court, Unit 2 Concord, ON L4K 3N5	

Title

EH Price Grilles and Diffusers

Description

Diffuser Tag A EH Price Model SCDA
Diffuser Tag B EH Price Model 530D
Diffuser Tag C EH Price Model 80
Diffuser Tag D EH Price Model SCDA
Diffuser Tag E EH Price Model SCDA
Diffuser Tag G EH Price Model CF
Diffuser Tag FR G EH Price Model CFP
Diffuser Tag H EH Price Model 530

Package Items

SPEC	SUBSECTION	ITEM	TYPE
M101	M101	Diffusers Schedule	Shop Drawings



Grilles/Registers/Diffusers Submittals

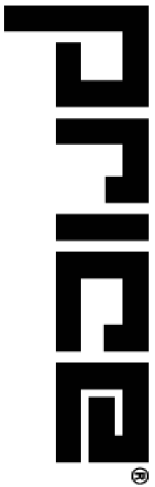
Job Name: YORK REGION ADMIN CENTRE,RFTC-652-22,17250 YONGE
Job Location: TORONTO
Customer: CONSULT
Date Printed: 11/13/2024
Spec Section: 15 - HVAC

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



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

#	Qty	Model	Tag	Unit Size	Inlet Size	Border	Pattern	Face Size	Damper	Accessories
1	146	SCDA	A	8	8	3		24, 24	VCR8E	3C, RC
3 - 15/16" T-Bar Lay-In VCR8E - Full Flow Damper Diffuser Mounted - Inlet Sizes 4"-15" 3C - 3 Cones (Default) RC - Removable Core										
2	67	SCDA	A	6	6	3		24, 24	VCR8E	3C, RC
3 - 15/16" T-Bar Lay-In VCR8E - Full Flow Damper Diffuser Mounted - Inlet Sizes 4"-15" 3C - 3 Cones (Default) RC - Removable Core										
3	6	530D	B	24.000, 4.000		F	L			SW
F - 1 1/4" (32) Flat Frame L - Front Louver Blades parallel to Long Dimension SW - Sidewall										
4	58	80	C	24.000, 24.000		CORE				LI
CORE - Core Only LI - T-Bar Lay-In										
5	38	80	C	24.000, 12.000		CORE				LI
CORE - Core Only LI - T-Bar Lay-In										
6	5	80	C	19.000, 19.000		NF				LI
NF - 3/4" (19) Narrow Flat Frame LI - T-Bar Lay-In										
7	2	80	C	19.000, 11.000		NF				LI
NF - 3/4" (19) Narrow Flat Frame LI - T-Bar Lay-In										
8	53	SCDA	D	8	8	3		20, 20	VCR8E	3C, RC
3 - 15/16" T-Bar Lay-In VCR8E - Full Flow Damper Diffuser Mounted - Inlet Sizes 4"-15" 3C - 3 Cones (Default) RC - Removable Core										
9	18	SCDA	D	6	6	3		20, 20	VCR8E	3C, RC
3 - 15/16" T-Bar Lay-In VCR8E - Full Flow Damper Diffuser Mounted - Inlet Sizes 4"-15" 3C - 3 Cones (Default) RC - Removable Core										
10	1	SCDA	E	8	8	3		12, 12	VCR8E	3C, RC
3 - 15/16" T-Bar Lay-In VCR8E - Full Flow Damper Diffuser Mounted - Inlet Sizes 4"-15" 3C - 3 Cones (Default) RC - Removable Core										
11	2	SCDA	E	6	6	3		12, 12	VCR8E	3C, RC
3 - 15/16" T-Bar Lay-In VCR8E - Full Flow Damper Diffuser Mounted - Inlet Sizes 4"-15" 3C - 3 Cones (Default) RC - Removable Core										
12	7	CF	G	48.00, 1		CMF				No-Acc
1 - 1 Slot CMF - Concealed Mud Frame No-Acc - No Accessories										
13	2	CFP	FR G	48.00	8					LOW-LEAK, STL
8 - 8" Round Inlet LOW-LEAK - Low Leakage Construction STL - Steel Construction										
14	5	CFP	FR G	48.00	6					LOW-LEAK, STL
6 - 6" Round Inlet LOW-LEAK - Low Leakage Construction STL - Steel Construction										
15	6	530	H	12.000, 12.000		F	L			SW
F - 1 1/4" (32) Flat Frame L - Front Louver Blades parallel to Long Dimension SW - Sidewall										
16	12	530	H	10.000, 10.000		F	L			SW
F - 1 1/4" (32) Flat Frame L - Front Louver Blades parallel to Long Dimension SW - Sidewall										
17	1	530	H	24.000, 24.000		F	L			SW
F - 1 1/4" (32) Flat Frame L - Front Louver Blades parallel to Long Dimension SW - Sidewall										

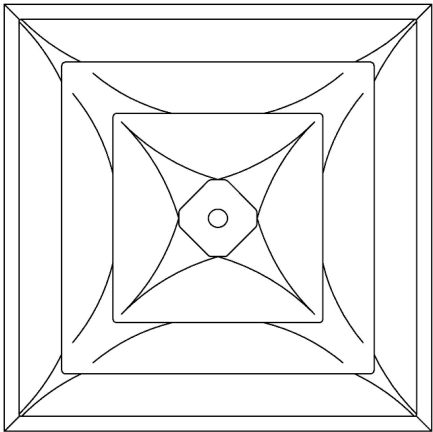


Performance Notes

Date Printed: 11/13/2024

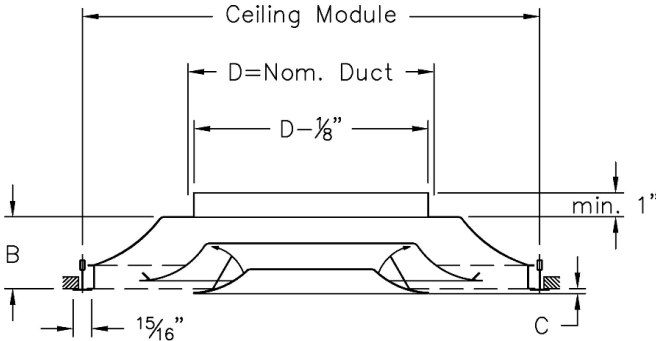
1. Tested in accordance with ASHRAE Standard 70-2006 "Method of Testing for Rating the Performance of Air Outlets and Inlets".
2. Throw data is based on the temperature differential (Dt), in degrees Fahrenheit ($^{\circ}F$), between supply air temperature and room temperature.
3. Throw values, in feet (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.).

SCDA Steel Adjustable Square Cone Diffuser



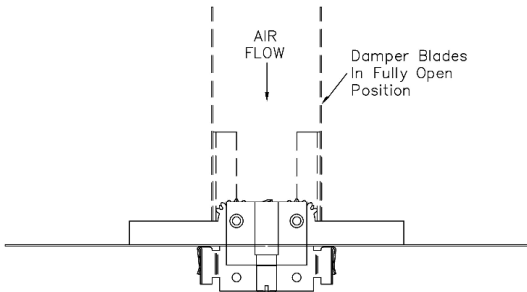
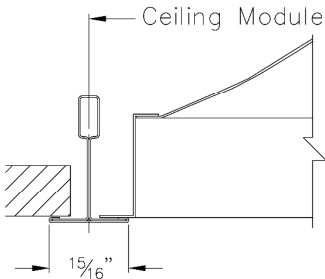
Nom Diffuser Size: 24" X 24"
Duct Diameter: 8"

B (Max): 3 3/4"
C (Max): 1/8"



Border: 3 15/16" T-Bar Lay-In

Damper: VCR8E Full Flow Damper Diffuser Mounted



Notes:

- Removable core with locking clips
- Tool free cone installation and removal
- Integral hanger loops
- 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).

Material:

- Steel Construction
- Damper - steel

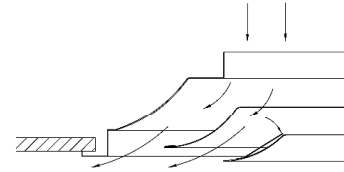
Finish:

- B12 - Standard White

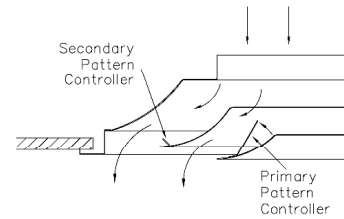


Scan for link to additional product information

Horizontal Airflow Pattern:



Vertical Airflow Pattern:

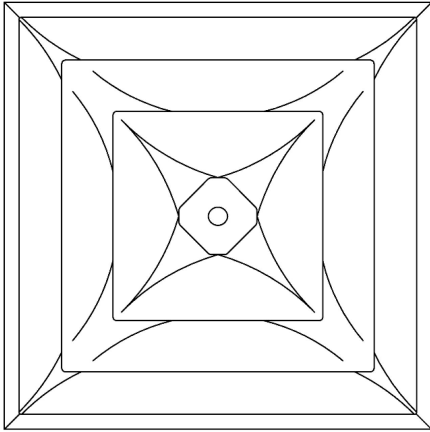


PROJECT: YORK REGION ADMIN CENTRE,RFTC-652-22,17250 YONGE**SUBMITTAL NO:** 258307-H
ENGINEER:
DESCRIPTION: Adjustable Square Cone Diffuser
SCDA-1-2//1/8//24/24/3//3C/RC/VCR8E///B12

SUBMITTAL DATE: 11/13/2024

CUSTOMER: CONSULT

SCDA Steel Adjustable Square Cone Diffuser

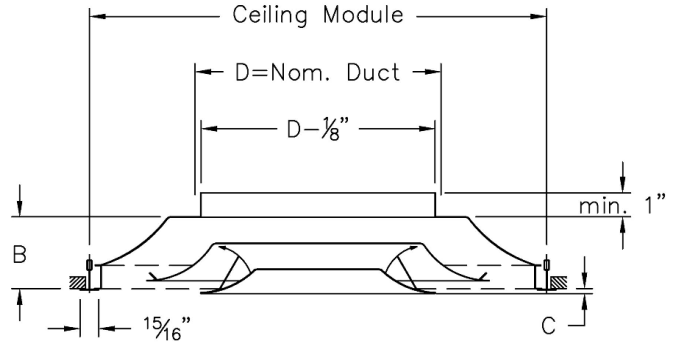


Nom Diffuser Size: 24" X 24"

B (Max): 3 3/4"

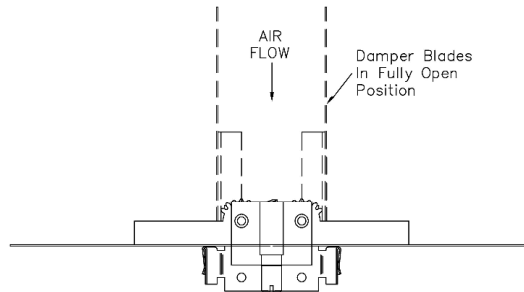
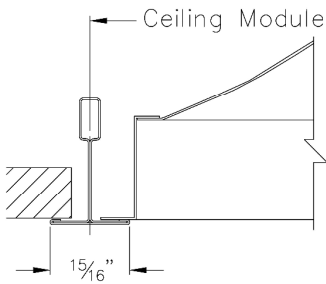
Duct Diameter: 6"

C (Max): 1/8"



Border: 3 15/16" T-Bar Lay-In

Damper: VCR8E Full Flow Damper Diffuser Mounted



PROJECT: YORK REGION ADMIN CENTRE, RFTC-652-22, 17250 YONGE
ENGINEER:
DESCRIPTION: Adjustable Square Cone Diffuser
SCDA-1-2//1/6//24/24/3//3C/RC/VCR8E///B12

SUBMITTAL NO: 258307-H
CUSTOMER: CONSULT

SUBMITTAL DATE: 11/13/2024

Notes:

- Removable core with locking clips
- Tool free cone installation and removal
- Integral hanger loops
- 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).

Material:

- Steel Construction
- Damper - steel

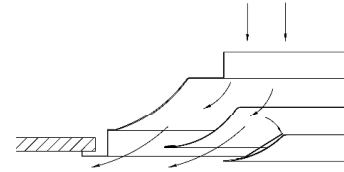
Finish:

- B12 - Standard White

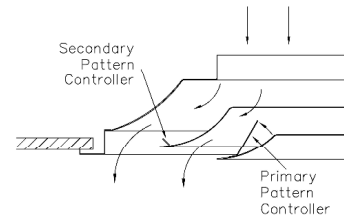


Scan for link to additional product information

Horizontal Airflow Pattern:



Vertical Airflow Pattern:



PROJECT: YORK REGION ADMIN CENTRE,RFTC-652-22,17250 YONGE**SUBMITTAL NO:** 258307-H
ENGINEER:
DESCRIPTION: Adjustable Square Cone Diffuser
SCDA-1-2//1/6//24/24/3//3C/RC/VCR8E///B12

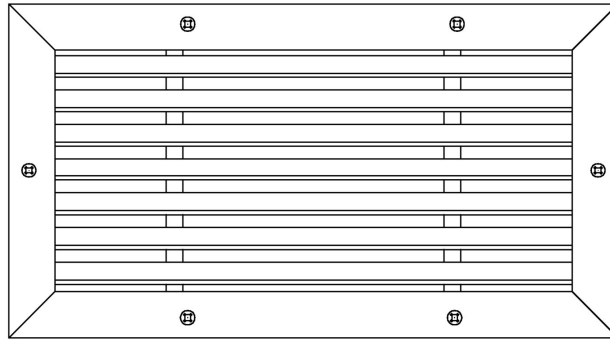
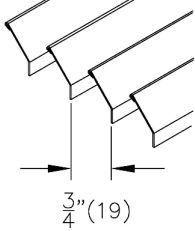
SUBMITTAL DATE: 11/13/2024

CUSTOMER: CONSULT

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

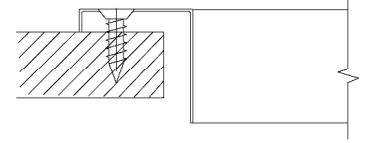
Core Style:

Single Deflection



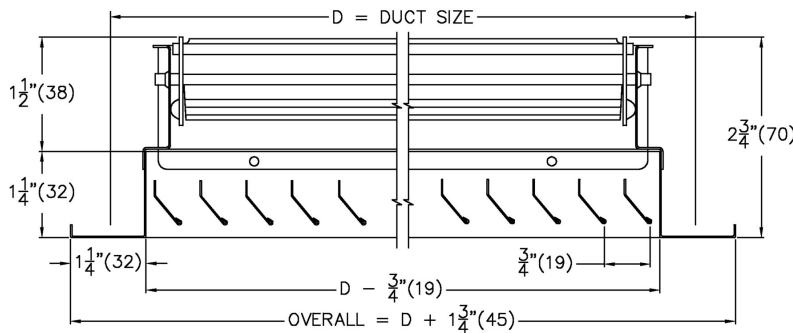
Fastening:

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)

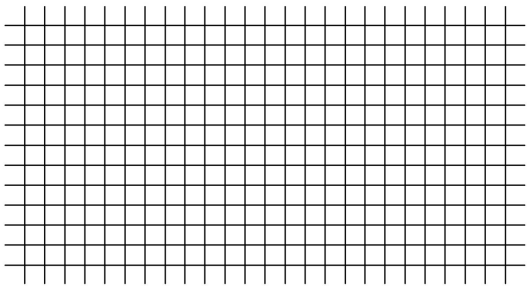
PROJECT: YORK REGION ADMIN CENTRE, RFTC-652-22, 17250 YONGE
ENGINEER:
DESCRIPTION: Steel Return Reg W/Damp, 45 Deg Blades, 3/4" Spcng
530D//1/24.000/4.000/F/L///A/SW/B12

SUBMITTAL NO: 258306
CUSTOMER: CONSULT

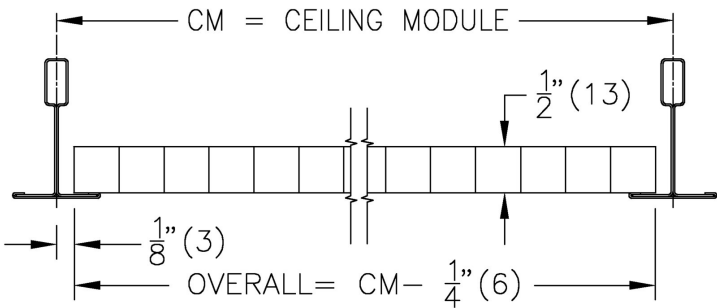
SUBMITTAL DATE: 11/13/2024

80

Egg Crate Grid Core Only – 1/2" x 1/2" x 1/2"



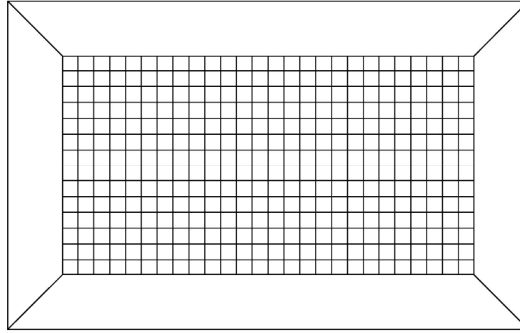
Border: CORE Core only



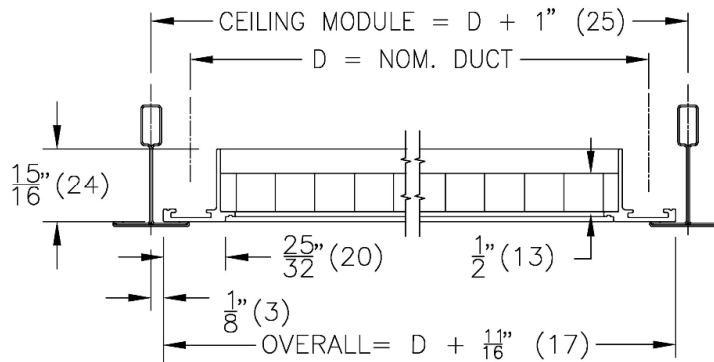
- Material:**
- Grille - Aluminum construction
- Finish:**
- B12 - Standard White

- Notes:**
- 1/2" x 1/2" x 1/2" aluminum grid core
 - Minimum duct size = 6" x 4" (152mm x 102mm)
 - CORE units maximum duct size = 48" x 24" (1219mm x 610mm)
 - Factory tolerance ±1/32" (1mm)

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:

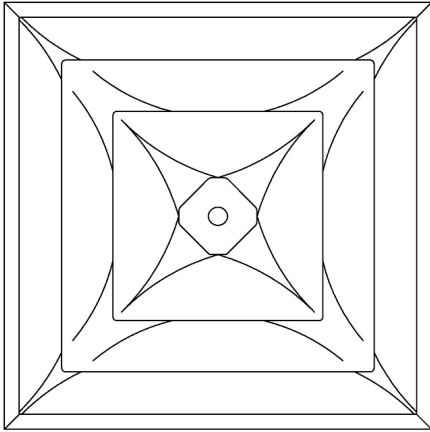
- 1/2" x 1/2" x 1/2" aluminum grid core
- Maximum duct size without mullion = 48" x 24" (1219mm x 610mm)
- Maximum duct size with mullion = 96" x 48" (2438mm x 1219mm)
- Units with mullion supplied in one-piece frame construction
- Units over 96" x 48" (2438mm x 1219mm) supplied in sections c/w Duct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

PROJECT: YORK REGION ADMIN CENTRE, RFTC-652-22, 17250 YONGE
ENGINEER:
DESCRIPTION: Egg Crate Grille, 1/2" X 1/2" X 1/2"
80//1/19.000/19.000,11.000//LI/NF/////20/20,12//0/////B12

SUBMITTAL DATE: 11/13/2024

CUSTOMER: CONSULT

SCDA Steel Adjustable Square Cone Diffuser

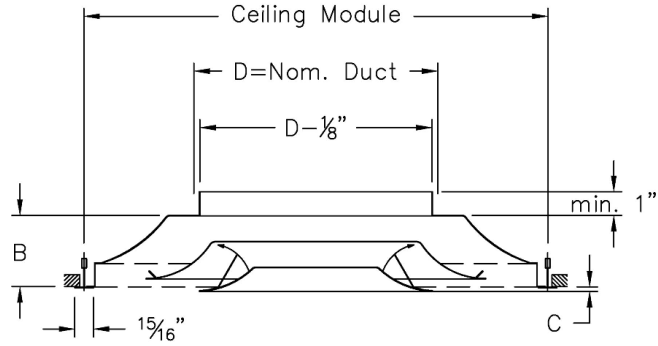


Nom Diffuser Size: 20" X 20"

B (Max): 2 7/8"

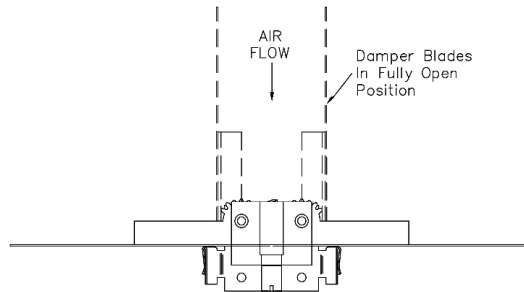
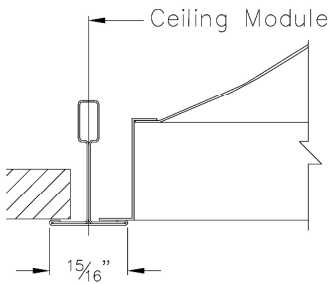
Duct Diameter: 8"

C (Max): -



Border: 3 15/16" T-Bar Lay-In

Damper: VCR8E Full Flow Damper Diffuser Mounted



PROJECT: YORK REGION ADMIN CENTRE, RFTC-652-22, 17250 YONGE
ENGINEER:
DESCRIPTION: Adjustable Square Cone Diffuser
SCDA-1-2//1/8//20/20/3//3C/RC/VCR8E///B12

SUBMITTAL NO: 258307-H

SUBMITTAL DATE: 11/13/2024

CUSTOMER: CONSULT

Notes:

- Secondary pattern controller included for all ducts
- Removable core with locking clips
- Tool free cone installation and removal
- Integral hanger loops
- 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).

Material:

- Steel Construction
- Damper - steel

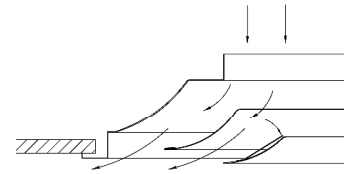
Finish:

- B12 - Standard White

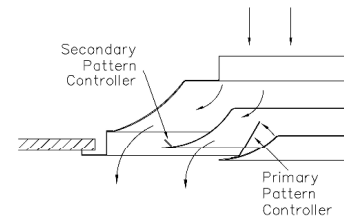


Scan for link to additional product information

Horizontal Airflow Pattern:



Vertical Airflow Pattern:

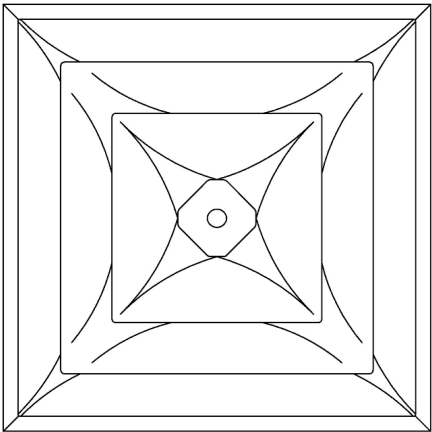


PROJECT: YORK REGION ADMIN CENTRE,RFTC-652-22,17250 YONGE**SUBMITTAL NO:** 258307-H
ENGINEER:
DESCRIPTION: Adjustable Square Cone Diffuser
SCDA-1-2//1/8//20/20/3//3C/RC/VCR8E///B12

SUBMITTAL DATE: 11/13/2024

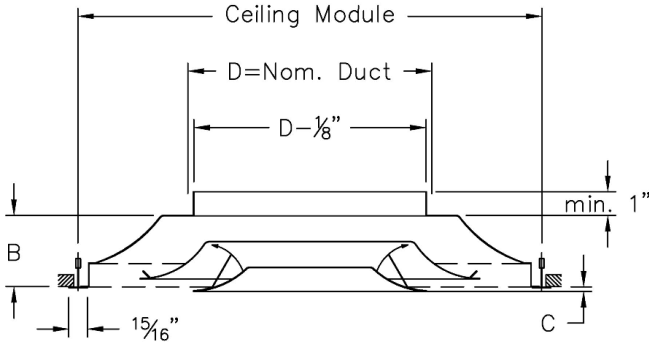
CUSTOMER: CONSULT

SCDA Steel Adjustable Square Cone Diffuser



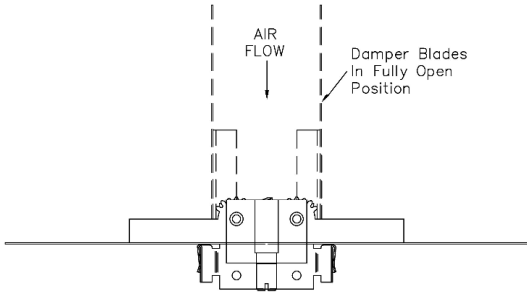
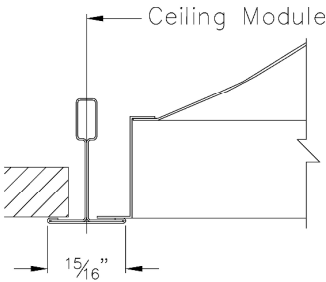
Nom Diffuser Size: 20" X 20"
Duct Diameter: 6"

B (Max): 2 7/8"
C (Max): -



Border: 3 15/16" T-Bar Lay-In

Damper: VCR8E Full Flow Damper Diffuser Mounted



Notes:

- Secondary pattern controller included for all ducts
- Removable core with locking clips
- Tool free cone installation and removal
- Integral hanger loops
- 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).

Material:

- Steel Construction
- Damper - steel

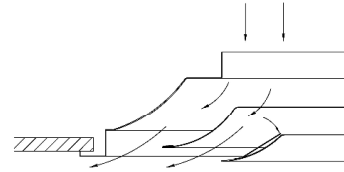
Finish:

- B12 - Standard White

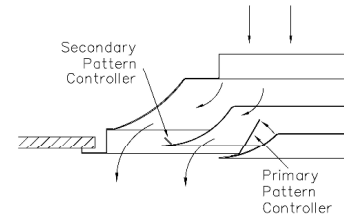


Scan for link to additional product information

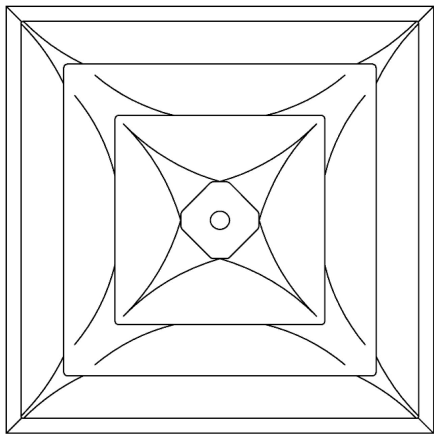
Horizontal Airflow Pattern:



Vertical Airflow Pattern:

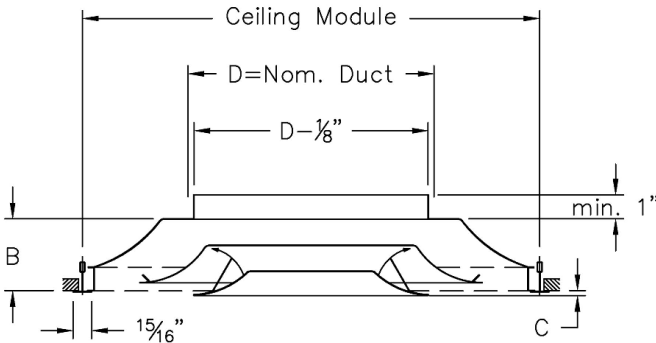


SCDA Steel Adjustable Square Cone Diffuser



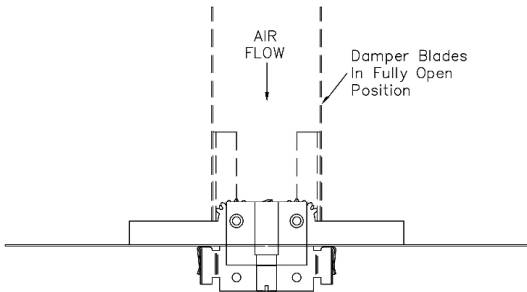
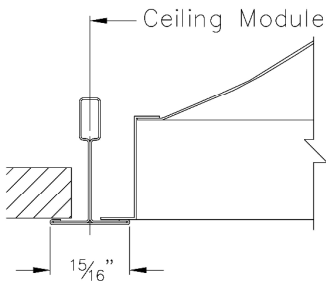
Nom Diffuser Size: 12" X 12"
Duct Diameter: 8"

B (Max): 1 3/4"
C (Max): 5/8"



Border: 3 15/16" T-Bar Lay-In

Damper: VCR8E Full Flow Damper Diffuser Mounted



Notes:

- Secondary pattern controller included for 8" ducts
- Removable core with locking clips
- Tool free cone installation and removal
- Integral hanger loops
- 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).

Material:

- Steel Construction
- Damper - steel

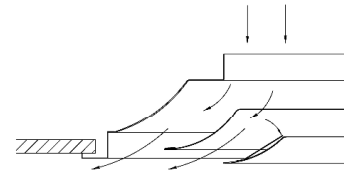
Finish:

- B12 - Standard White

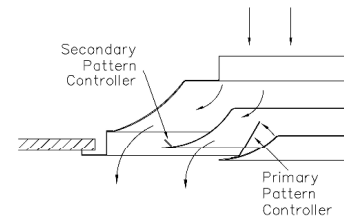


Scan for link to additional product information

Horizontal Airflow Pattern:



Vertical Airflow Pattern:



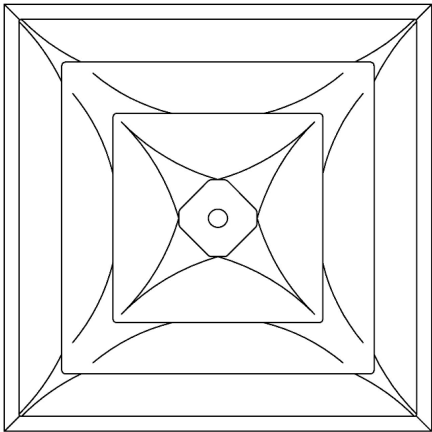
PROJECT: YORK REGION ADMIN CENTRE,RFTC-652-22,17250 YONGE
ENGINEER:
DESCRIPTION: Adjustable Square Cone Diffuser
SCDA-1-2//I/8//12/12/3//3C/RC/VCR8E///B12

SUBMITTAL NO: 258307-H

CUSTOMER: CONSULT

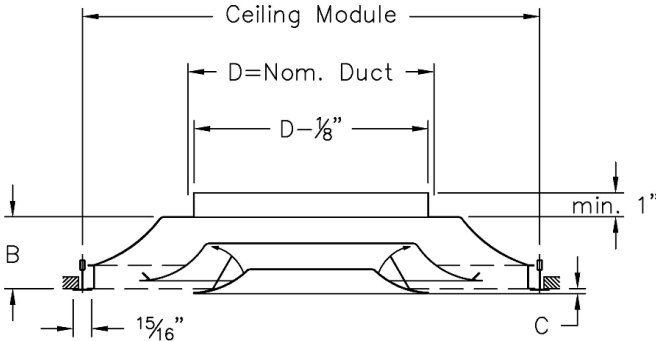
SUBMITTAL DATE: 11/13/2024

SCDA Steel Adjustable Square Cone Diffuser



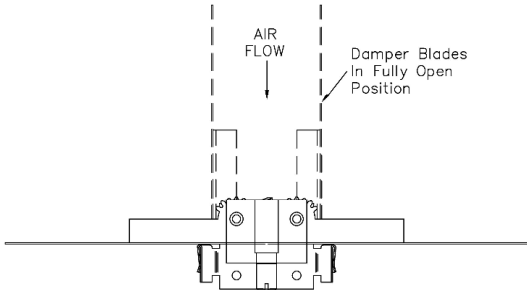
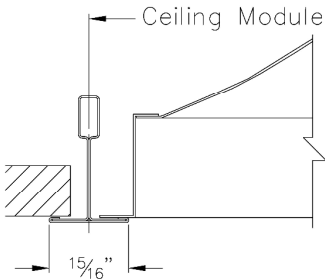
Nom Diffuser Size: 12" X 12"
Duct Diameter: 6"

B (Max): 1 3/4"
C (Max): 5/8"



Border: 3 15/16" T-Bar Lay-In

Damper: VCR8E Full Flow Damper Diffuser Mounted



Notes:

- Removable core with locking clips
- Tool free cone installation and removal
- Integral hanger loops
- 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).

Material:

- Steel Construction
- Damper - steel

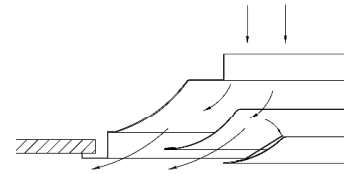
Finish:

- B12 - Standard White

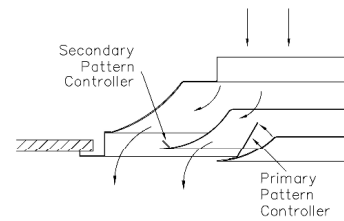


Scan for link to additional product information

Horizontal Airflow Pattern:



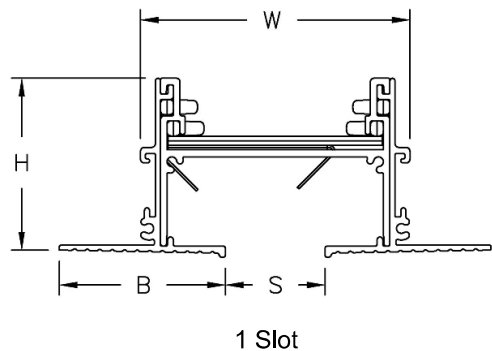
Vertical Airflow Pattern:



PROJECT: YORK REGION ADMIN CENTRE, RFTC-652-22, 17250 YONGE
ENGINEER:
DESCRIPTION: Adjustable Square Cone Diffuser
SCDA-1-2//1/6//12/12/3//3C/RC/VCR8E///B12

SUBMITTAL NO: 258307-H
CUSTOMER: CONSULT
SUBMITTAL DATE: 11/13/2024

CF Custom Flow



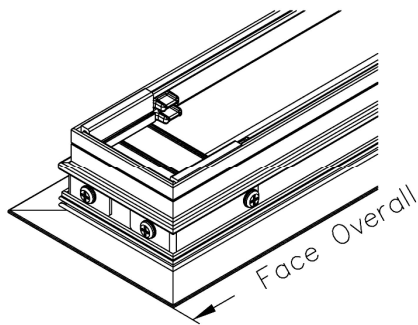
Slot Qty	S	B	H	W	Opening Width*
1	1"	1 11/16"	1 3/4"	2 3/4"	3 3/8"

* Opening width is outside dimension of field built plenum with hemmed edges. If no plenum is used, opening width may be additionally reduced by up to 1/4" (6mm).

Style: AS - Adjusta Slot
Ordered Size: 48.00"
Frame Style: CMF - Concealed Mud Frame

Endcaps

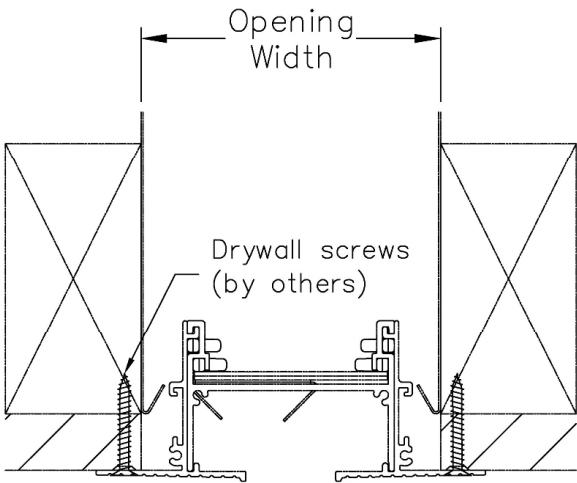
XX Mitered Endcaps



End Condition	Face Overall Length
XX	Ordered + 1 1/16"

Mounting:

A Countersunk Holes



Application

SM Surface Mount



Material

- Extruded aluminum frame & spacers
- Steel pattern controllers
- Plastic locking pins
- Coated steel fasteners

Notes

- Minimum length 12" (305mm)
- For installation instructions, instructions for drywall finishing, or instructions for field trimming, please see the CF installation manual
- Taping and plaster finishing by others
- Field trimming not recommended for X ends
- Replacement parts can be ordered through CFK or GRD-PARTS models
- For use with model CFP, UP, and UPL plenums
- Factory tolerance $\pm 1/32"$ (1mm)



Scan for link to additional product information and installation instructions.

Finish

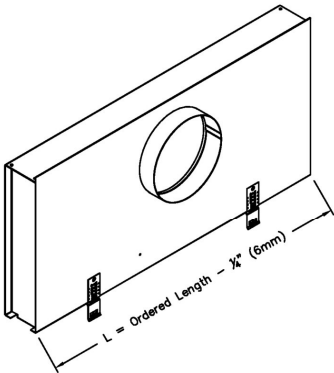
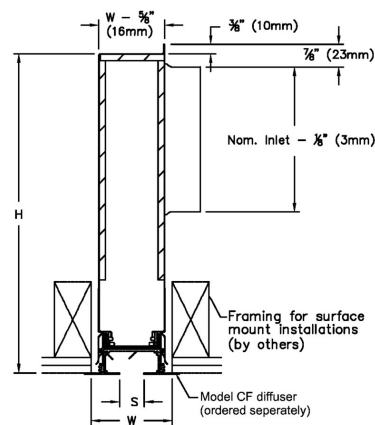
- Diffuser face: PA - Prepared Aluminum - Mill Finish Factory Cleaned
- CMF outer frames come with a PA finish. On 2 slot variations, only center tee will be painted.
- Interior surface: BFR - B17 black upper frame stack (AS, RT)
- Pattern controllers - B17 black

PROJECT: YORK REGION ADMIN CENTRE,RFTC-652-22,17250 YONGE
ENGINEER:
DESCRIPTION: Custom Flow
CF-1-2//I/IN/48.00/Single/AS/1.0/1/SM/CMF/A/XX/DPC/BFR/No-Acc//No-CT/PA

SUBMITTAL NO: 267998-N
CUSTOMER: CONSULT

SUBMITTAL DATE: 11/13/2024

CFP Custom Flow Plenum



SNAP plenums require proper clearance from ceiling framing for clips to engage

SNAP - Snap Clip (installed diffuser)

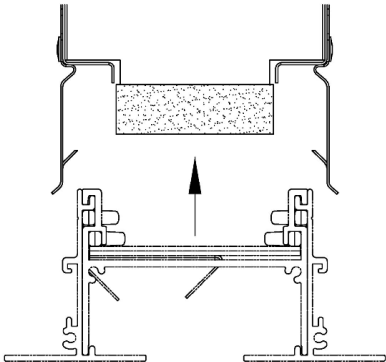
Length: 48.000"
Inlet Size: 8" Round Inlet

S	Slots	H	W
1"	1	13"	3 3/8"

Plenum Compatibility Chart						
Diffuser Frame Style & Mounting	CMF	EF (SM)	EF (LI)	CMF-EF	FM-CMF	FM-EF
NO-MOUNT			•			
MP-D625	•	•				
MP-DR	•	•				
HB			•			•
MP-DRxHB				•	•	•
MP-D625xHB				•	•	•
AxHB				•	•	

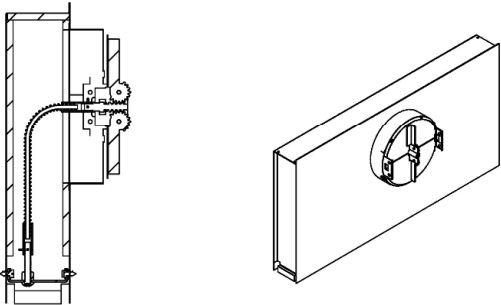
Plenum Options

Low Leakage Construction



Damper

VCR8EC - Round Neck Cable-Operated Damper



Material

- Coated steel

Insulation

- FF - Fiber-Free Foam Insulation (sides and top)

Finish

- MILL - Non Treated from the Mill - Unpainted



Scan for link to additional product information and installation instructions

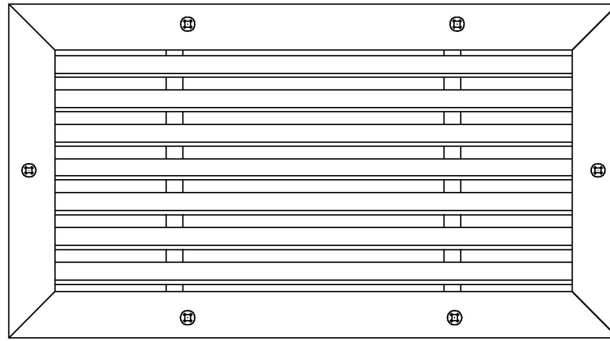
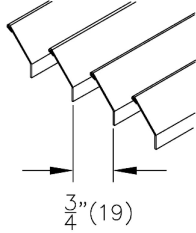
Notes

- Use with Custom Flow (CF) diffusers
- Plenum endcaps are uninsulated
- When plenum endcaps are not positioned directly over diffuser spacer bar, install blankoff from plenum endcap to next spacer bar.
- For installation instructions, please see CF installation manual
- Factory tolerance $\pm 1/16"$ (2mm)

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

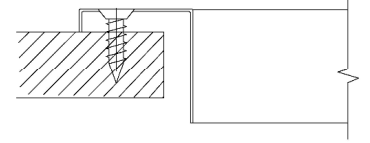
Core Style:

Single Deflection



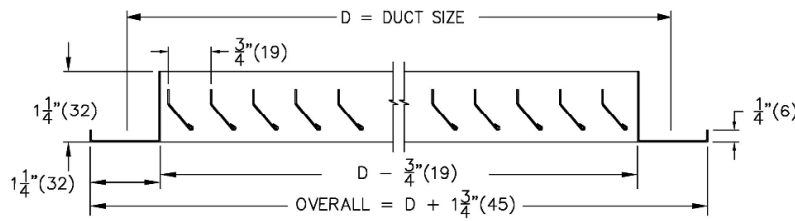
Fastening:

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: YORK REGION ADMIN CENTRE, RFTC-652-22, 17250 YONGE **SUBMITTAL NO:** 258306

ENGINEER: **CUSTOMER:** CONSULT

SUBMITTAL DATE: 11/13/2024

DESCRIPTION: Steel Return Grille, 45 Deg Blades, 3/4" Spacing
530//1/12.000,10.000,24.000/12.000,10.000,24.000/F/L//A//SW/B12