

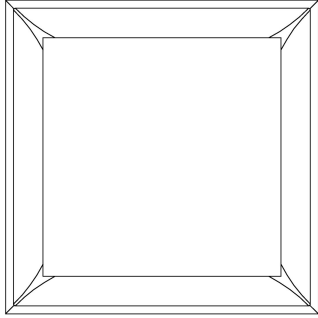


All-In-One
Grilles/Registers/Diffusers

Job Name 061620 Springdale Police
Contractor Bison Services
Engineer KLH Engineers
Submitted by R.L. Craig Company, Inc.

#	Qty	Model	Tag	Face Size	Inlet Size	Airflow (CFM)	Mounting	Material	Finish	Damper	Border Style	Accessories
1	3	ASPD	CD-1	24 x 24	8	170	CEILING	ALUMINUM	WHITE	YES	LAY-IN	-
2	2	ASPD	CD-2	12 x 12	6	45	CEILING	ALUMINUM	WHITE	YES	LAY-IN	PLASTER FRAME
3	1	ASPD	CD-3	12 x 12	6	50	CEILING	ALUMINUM	WHITE	YES	LAY-IN	PLASTER FRAME
4	1	ASPD	CD-4	24 x 24	8	100	CEILING	ALUMINUM	WHITE	YES	LAY-IN	PLASTER FRAME
5	2	APDDR	ER-1	12 x 12	8	100	CEILING	ALUMINUM	WHITE	YES	LAY-IN	PLASTER FRAME
6	4	APDDR	TG-1	24 x 12	22 x 10	0	CEILING	ALUMINUM	WHITE	NO	LAY-IN	PLASTER FRAME
7	4	APDDR	TG-2	24 x 12	22 x 10	0	CEILING	ALUMINUM	WHITE	NO	LAY-IN	PLASTER FRAME

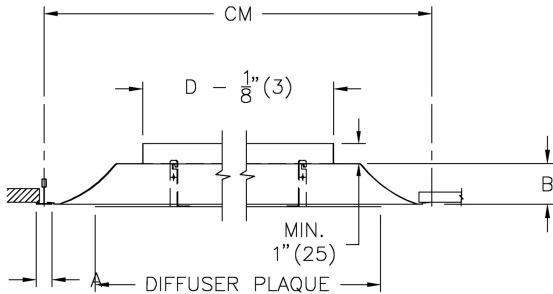
ASPD Aluminum Square Plaque Diffuser



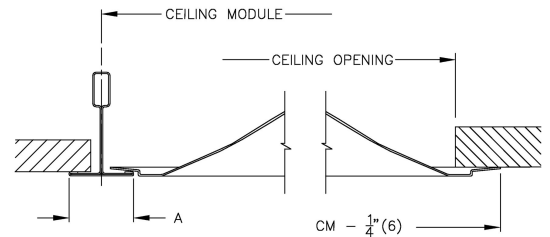
Duct Diameter (in.): 8
Backpan Height (B): 2.5"
Nom Ceiling Module: 24"x24"
Nom Ceiling Opening: 22"x22"
(Surface Mount App)

Border: 31

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

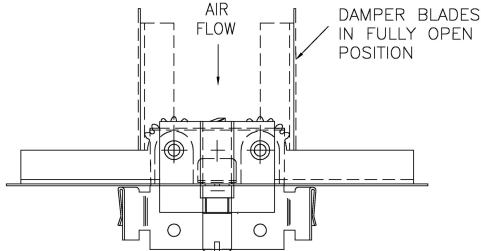


Frame Detail:



Damper: VCR8E

Full Flow Damper Diffuser Mounted - Inlet Sizes 4"-15"



Notes:

- 360° radial horizontal air pattern
- Removable face panel
- Factory tolerance $\pm 1/32"$ (1)

Material:

- Diffuser: Aluminum
- Damper: Coated Steel

Finish:

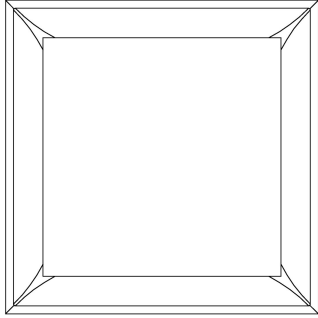
- B12 - Standard White

PROJECT: 061620 Springdale Police
ENGINEER:
DESCRIPTION: Aluminum Square Plaque Diffuser
ASPD-1-1//I/8/24/24/31//VCR8E//B12

SUBMITTAL NO: 258503
CUSTOMER:

SUBMITTAL DATE: 6/17/2020

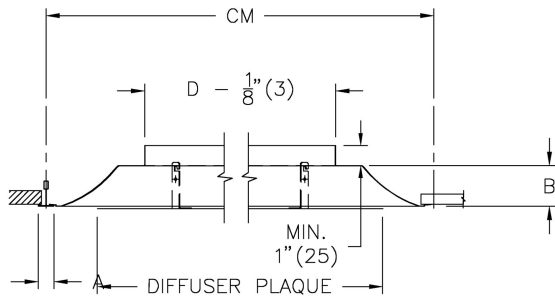
ASPD Aluminum Square Plaque Diffuser



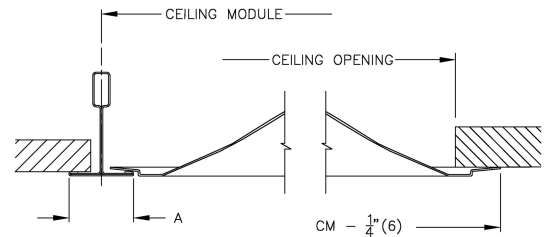
Duct Diameter (in.): 6
Backpan Height (B): 1.125"
Nom Ceiling Module: 12"x12"
Nom Ceiling Opening: 10.5"x10.5"
(Surface Mount App)

Border: 31

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

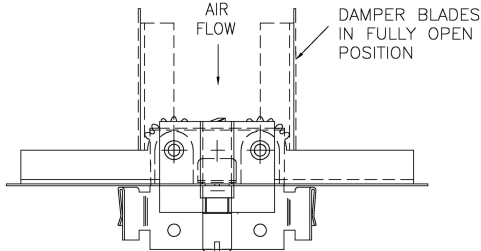


Frame Detail:



Damper: VCR8E

Full Flow Damper Diffuser Mounted - Inlet Sizes 4"-15"



Notes:

- 360° radial horizontal air pattern
- Removable face panel
- Factory tolerance $\pm 1/32"$ (1)

Material:

- Diffuser: Aluminum
- Damper: Coated Steel

Finish:

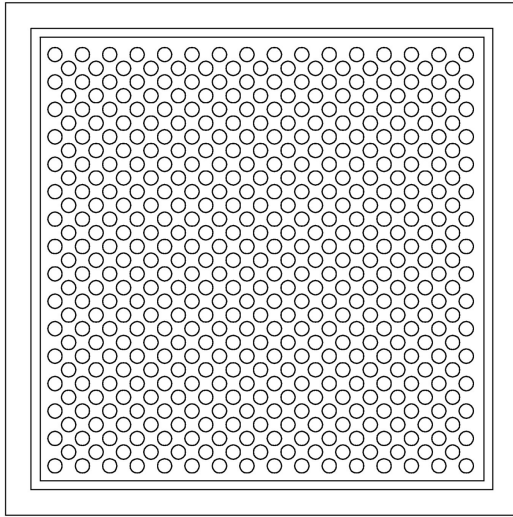
- B12 - Standard White

PROJECT: 061620 Springdale Police
ENGINEER:
DESCRIPTION: Aluminum Square Plaque Diffuser
ASPD-1-1//I/6/12/12/31//VCR8E//B12

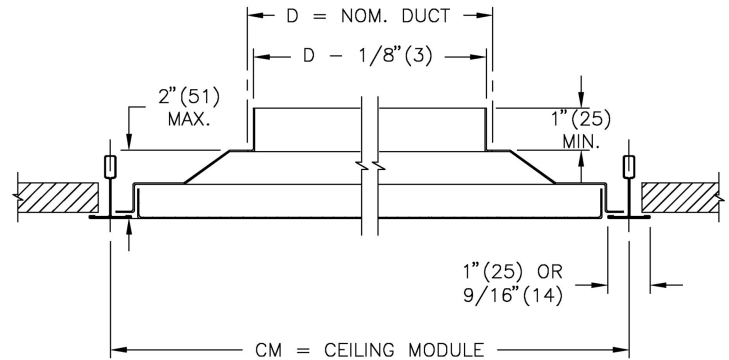
SUBMITTAL NO: 258503
CUSTOMER:

SUBMITTAL DATE: 6/17/2020

APDDR Ducted Aluminum Perforated Flush Face Return Diffuser



Ducted Return



Material:

- Aluminum Perforated Face with Steel Construction for Other Components

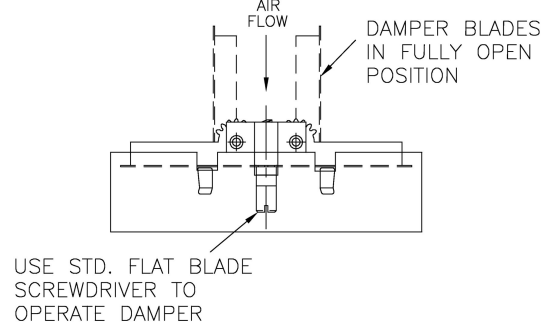
Finish:

- B12: Standard White

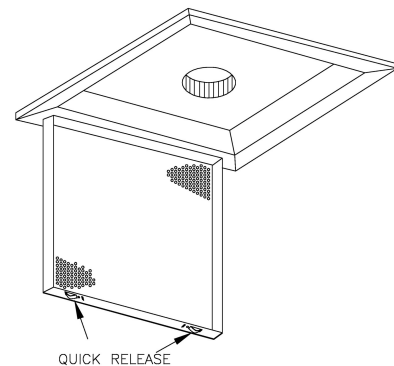
Notes:

- Hinged, removable perforated faceplate with quick-release spring latches
- Frame 3: T-bar lay-in for 1" and 9/16" flat tee
- Maximum backpan height is 2" (51)
- Factory tolerance $\pm 1/32"$ (1)

Damper: VCR8E Full Flow Damper, Diffuser Mounted (Sizes 4-15)



Detail View:

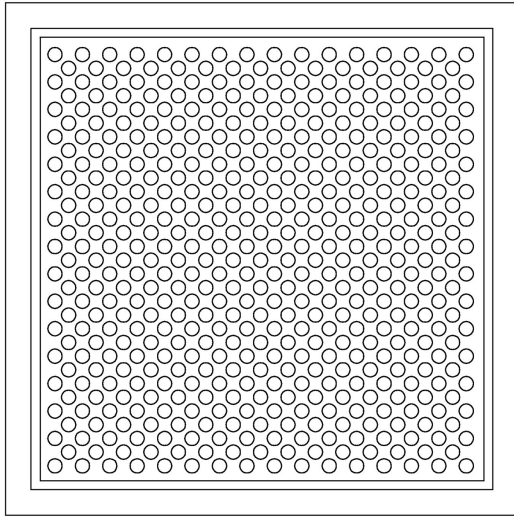


PROJECT: 061620 Springdale Police
ENGINEER:
DESCRIPTION: Alum Perfora Face w/Steel Frame, Ducted Return
APDDR//I/6//3/DCT/12/12/VCR8E//B12

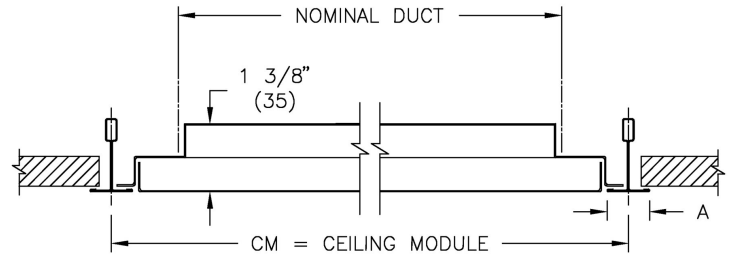
SUBMITTAL NO: 258531-A
CUSTOMER:

SUBMITTAL DATE: 6/17/2020

APDDR Non-Ducted Aluminum Perforated Flush Face Return Diffuser



Plenum Return



Material:

- Aluminum Perforated Face with Steel Construction for Other Components

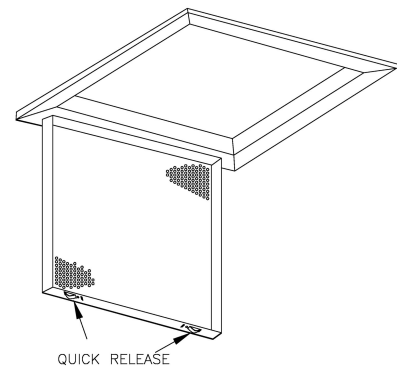
Finish:

- B12: Standard White

Notes:

- Hinged, removable perforated faceplate with quick-release spring latches
- Frame 3: T-bar lay-in for 1" and 9/16" flat tee
- Maximum backpan height is 1 3/8" (35)
- Factory tolerance $\pm 1/32"$ (1)

Detail View:



PROJECT: 061620 Springdale Police

ENGINEER:

DESCRIPTION: Alum Perfora Face w/Steel Frame, Ducted Return

APDDR//I/22/10/3/N-DCT/24/12///B12

SUBMITTAL NO: 260645-A

CUSTOMER:

SUBMITTAL DATE: 6/17/2020