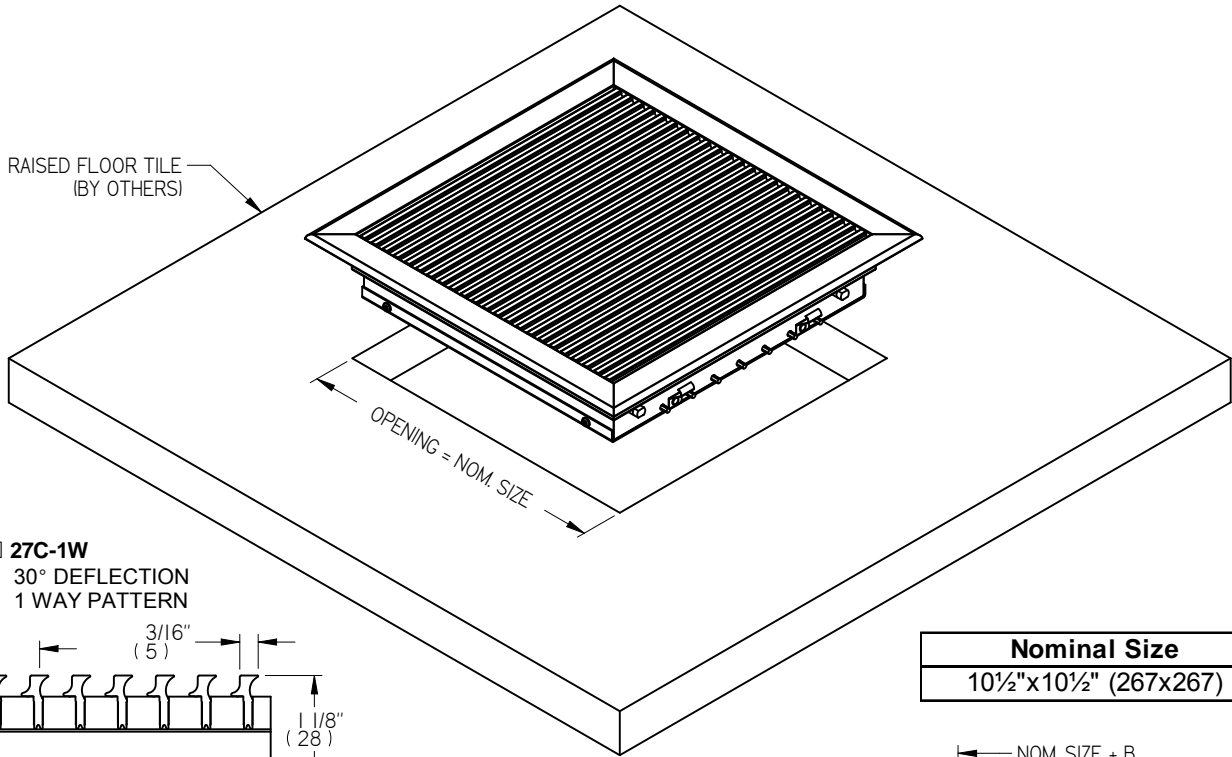
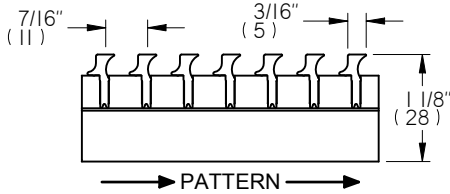


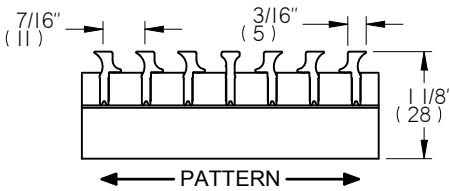
DFG - DISPLACEMENT FLOOR GRILLE



27C-1W
30° DEFLECTION
1 WAY PATTERN

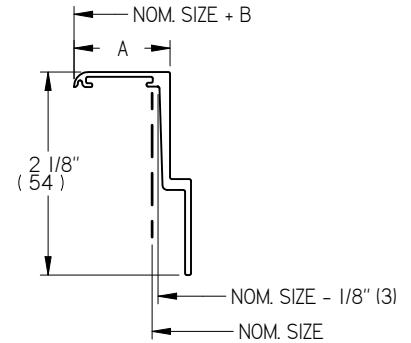


27C-2W
30° DEFLECTION
2 WAY PATTERN



Nominal Size
10 1/2" x 10 1/2" (267x267)

Frame Type	A	B
<input type="checkbox"/> 750	3/4" (19)	1 1/8" (29)
<input type="checkbox"/> 1000	1" (25)	1 5/8" (41)
<input type="checkbox"/> 1250	1 1/4" (32)	2 1/8" (54)



CONSTRUCTION:

- EXTRUDED ALUMINUM FRAME & CORE
- PRESSED CORE ASSEMBLY
- ADJUSTABLE DV1 DIRECTIONAL VANES
- REMOVABLE CORE WITH CORE CLIPS

FINISH:

- B12 WHITE
(OPTIONAL FINISHES AVAILABLE)

FASTENING OPTIONS:

- TYPE 0 - NO HOLES
- TYPE A - COUNTERSUNK SCREW MOUNTING
(FRAMES 1000 AND 1250 ONLY)
- TYPE H - STRAIGHT HOLES
(FRAME 750 ONLY)
- TYPE B - SPRING CLIP MOUNTING

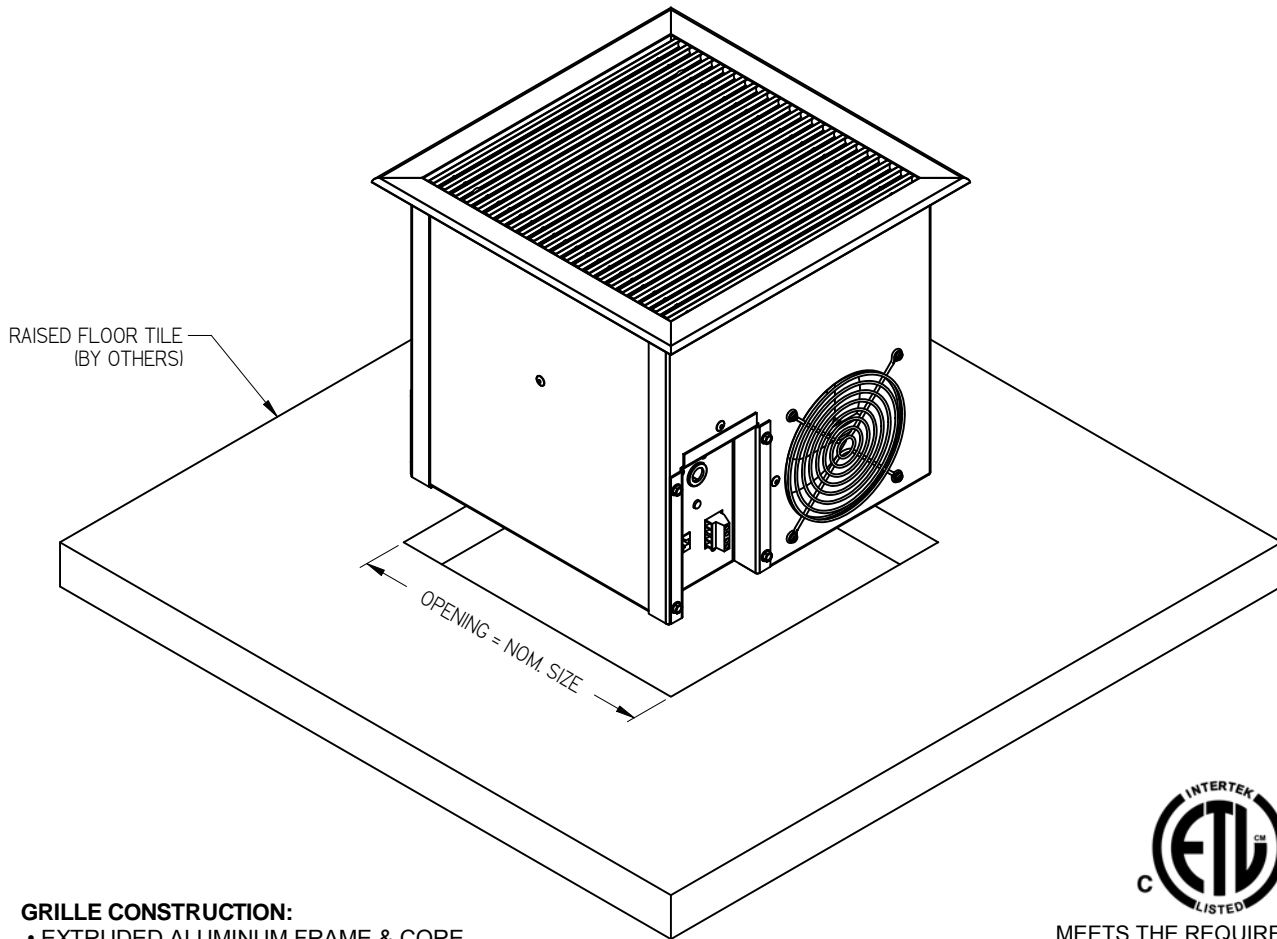
NOTES:

- FOR USE IN RAISED FLOOR TILE SYSTEMS
- MAXIMUM CUTOUT IN FLOOR TILE MAY VARY BY TILE MODEL OR REQUIRE ADDITIONAL SUPPORT PEDESTALS, CONSULT TILE MANUFACTURER FOR GUIDANCE
- FACTORY TOLERANCE +/- 1/32" (1)
- ALL UNITS COME WITH INTERNAL BAFFLE

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

PROJECT:		PRICE
ENGINEER:		
CUSTOMER:		R
SUBMITTAL DATE:		247658
SPEC. SYMBOL:		DFG DISPLACEMENT FLOOR GRILLE
		SEPT 2010

DFG-F - FAN ASSISTED DISPLACEMENT FLOOR GRILLE



MEETS THE REQUIREMENTS OF UL507 AND CSA C22.2 NO.113

GRILLE CONSTRUCTION:

- EXTRUDED ALUMINUM FRAME & CORE
- PRESSED CORE ASSEMBLY
- ADJUSTABLE DV1 DIRECTIONAL VANES
- REMOVABLE CORE WITH CORE CLIPS

PLENUM CONSTRUCTION:

- COATED STEEL
- RECESSED CONTROLLER AND POWER SUPPLY PLATES
- FIELD REPLACEABLE CIRCUIT BOARD

FASTENING OPTIONS:

- TYPE 0 - NO HOLES
- TYPE A - COUNTERSUNK SCREW MOUNTING (FRAMES 1000 AND 1250 ONLY)
- TYPE B - SPRING CLIPS ON GRILLE
- TYPE H - STRAIGHT HOLES (FRAME 750 ONLY)

FINISH:

- PLENUM - MILL GALVANIZED
- B12 WHITE - GRILLE (OPTIONAL FINISHES AVAILABLE)

Nominal Size
10½"x10½" (267x267)

FAN / SPEED CONTROLLER:

- VARIABLE FAN SPEED CONTROLLER
- TERMINAL BLOCK CONNECTION TO BAS
- FAULT PROTECTED
- 120VAC SUPPLY VOLTAGE
- TERMINAL BLOCK FOR POWER CONNECTION
- FAN LOCKED ROTOR OUTPUT

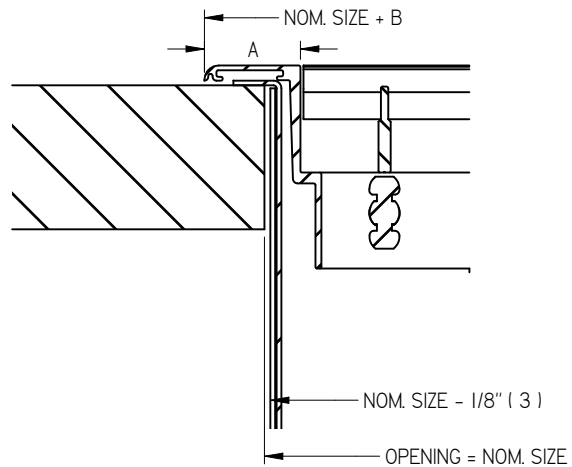
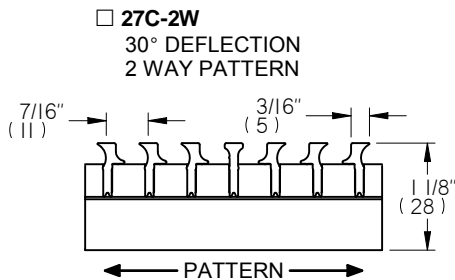
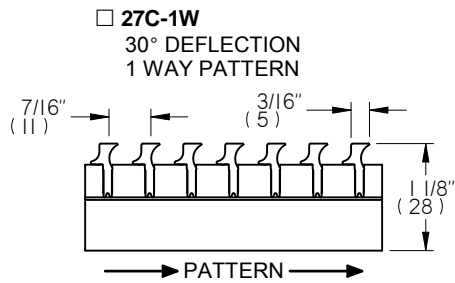
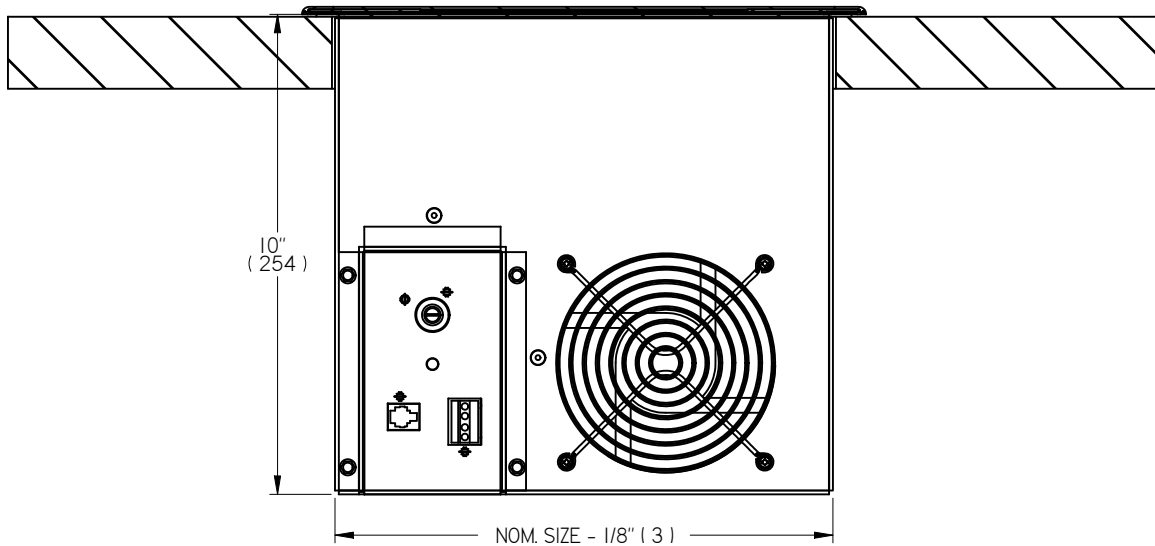
NOTES:

- FOR USE IN RAISED FLOOR TILE SYSTEMS
- MAXIMUM CUTOUT IN FLOOR TILE MAY VARY BY TILE MODEL OR REQUIRE ADDITIONAL SUPPORT PEDESTALS, CONSULT TILE MANUFACTURER FOR GUIDANCE
- FACTORY TOLERANCE +/- 1/32" (1)
- ALL UNITS COME WITH INTERNAL BAFFLE

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

PROJECT:		price
ENGINEER:		
CUSTOMER:		247659
SUBMITTAL DATE:		2010/11/24
SPEC. SYMBOL:		DFG-F FAN ASSISTED DISPLACEMENT FLOOR GRILLE

DFG-F - FAN ASSISTED DISPLACEMENT FLOOR GRILLE



Frame Type	A	B
□ 750	3/4" (19)	3/4" (19)
□ 1000	1" (25)	1 1/4" (32)
□ 1250	1 1/4" (32)	1 3/4" (44)

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

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE:

SPEC. SYMBOL:

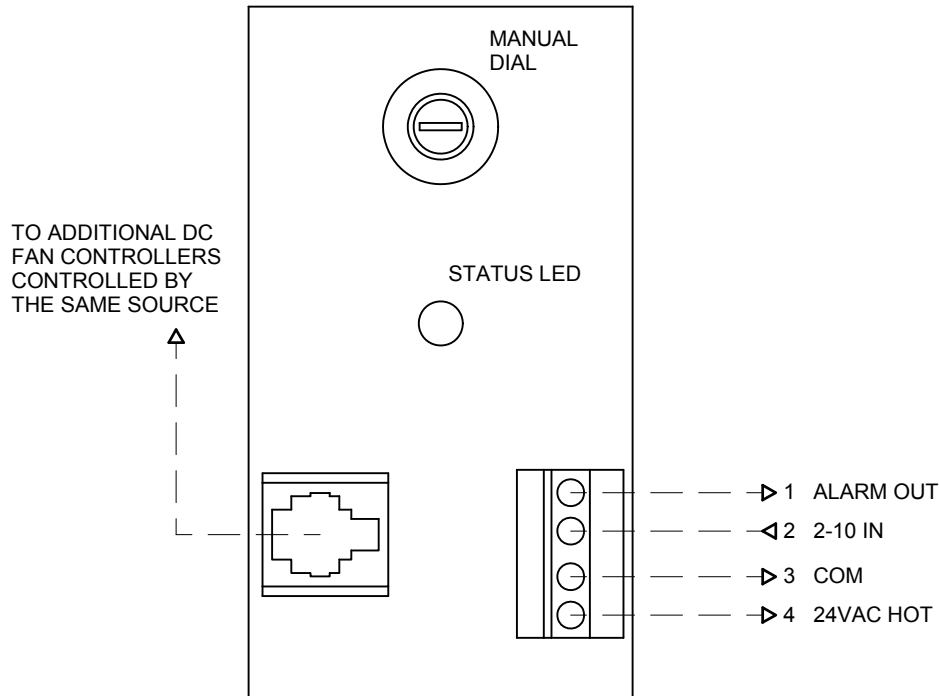
PRICE

247659

2010/11/24

DFG-F
FAN ASSISTED
DISPLACEMENT
FLOOR GRILLE

DFG-F - FAN ASSISTED DISPLACEMENT FLOOR GRILLE



DC FAN SPEED CONTROLLER SPECIFICATIONS

CONNECTIONS:

- PLUGGABLE TERMINAL BLOCKS
- MODULAR RJ-12 TO DAISYCHAIN UNITS

FEATURES:

- CAN SET UP FOR REMOTE OR LOCAL CONTROL
- BLINKING STATUS LED FOR DIAGNOSTICS
- ALARM OUTPUT SIGNAL
- CAN BE DAISYCHAINED WITH EASY MODULAR CONNECTIONS FOR CONTROL SIGNAL (EACH UNIT STILL REQUIRES POWER WIRING).

INPUTS:

- DIAL (FOR LOCAL / MANUAL CONTROL)
- 2-10 VOLT REMOTE CONTROL SIGNAL (FROM T-STAT, BAS, ETC.)
 - 0-1VDC = LOCAL (DIAL) CONTROL
 - 1-2VDC = FAN OFF
 - 2-10VDC = REMOTE CONTROL 0-100%

OUTPUTS:

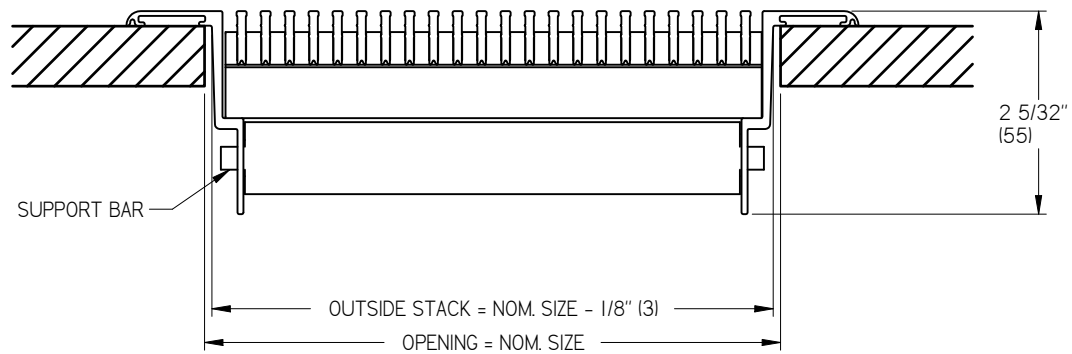
- FAN OUTPUT TO 24V BRUSHLESS DC FAN
 - MAX: 200mA
 - NOMINAL RANGE: 15-26 VDC
- ALARM SIGNAL OUTPUT TO REMOTE BAS SYSTEM
 - 0VDC = NO DETECTABLE PROBLEMS
 - 5VDC = PROBLEM WITH FAN (JAMMED / DISCONNECTED)
 - MAX: 10mA
- 24VAC POWER (TO POWER T-STAT, ETC.)
 - MAX: 10VA
- ONBOARD STATUS LED BLINKS OUT STATUS CODES:
 - 1 BLINK = DIAL CONTROL: FAN OFF
 - 2 BLINKS = DIAL CONTROL: 0-100%
 - 3 BLINKS = REMOTE CONTROL: FAN OFF
 - 4 BLINKS = REMOTE CONTROL: 0-100%
 - 5 BLINKS = ALARM: FAN JAMMED / DISCONNECTED

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

PROJECT:		price
ENGINEER:		
CUSTOMER:		247659
SUBMITTAL DATE:		2010/11/24
SPEC. SYMBOL:		2010/11/24

DFG-F
FAN ASSISTED
DISPLACEMENT
FLOOR GRILLE

DFGL - LINEAR DISPLACEMENT FLOOR GRILLE



CONSTRUCTION:

- EXTRUDED ALUMINUM FRAME & CORE
- PRESSED CORE ASSEMBLY
- REMOVABLE CORE WITH CORE CLIPS

FASTENING OPTIONS:

- TYPE 0 - NO HOLES
- TYPE A - COUNTERSUNK SCREW MOUNTING (FRAMES 1000 AND 1250 ONLY)
- TYPE H - STRAIGHT HOLES (FRAME 750 ONLY)
- TYPE B - SPRING CLIP MOUNTING (SILL ONLY)

FINISH:

- B12 WHITE (OPTIONAL FINISHES AVAILABLE)
- BAFFLE TO MATCH GRILLE FINISH (STANDARD)
- OPTIONAL BLACK BAFFLE

NOTES:

- MINIMUM SIZE 12" x 6" (305 x 152)
- MAXIMUM NOMINAL WIDTH 12" (305)
- MAXIMUM SECTION LENGTH 72" (1829)
- LENGTHS OVER 72" (1829) ARE MADE IN SECTIONS AND SHIPPED WITH SPLICE PLATES TO JOIN TOGETHER FOR A CONTINUOUS APPEARANCE
- CORE BARS ARE PARALLEL TO LONG DIMENSION
- UNITS WIDER THAN 12" (305) ARE NOT RECOMMENDED FOR FLOOR APPLICATIONS
- DESIGNED TO SUPPORT FOOT TRAFFIC ONLY - NOT INTENDED TO SUPPORT MECHANICAL EQUIPMENT SUCH AS CARTS, FORKLIFTS, ETC.
- SCREW HOLE LOCATIONS PER FACTORY STANDARD
- FACTORY TOLERANCE +/- 1/32" (1) PER GRILLE SECTION
- ALL UNITS COME WITH INTERNAL BAFFLE

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

PROJECT:		price	DFGL LINEAR DISPLACEMENT FLOOR GRILLE
ENGINEER:			
CUSTOMER:		250370	
SUBMITTAL DATE:	SPEC. SYMBOL:	SEPT 2011	

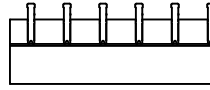
DFGL - LINEAR DISPLACEMENT FLOOR GRILLE

CORE STYLES:

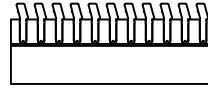
15A
0° DEFLECTION
1/4" (6) SPACING



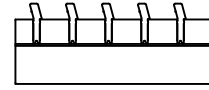
15B
0° DEFLECTION
1/2" (13) SPACING



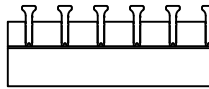
16A
15° DEFLECTION
1/4" (6) SPACING



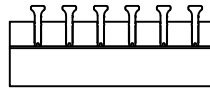
16B
15° DEFLECTION
1/2" (13) SPACING



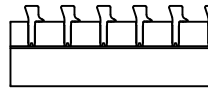
25B
0° DEFLECTION
1/2" (13) SPACING



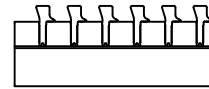
25C
0° DEFLECTION
7/16" (11) SPACING



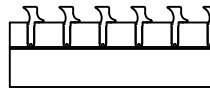
26B
15° DEFLECTION
1/2" (13) SPACING



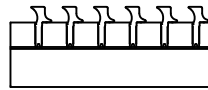
26C
15° DEFLECTION
7/16" (11) SPACING



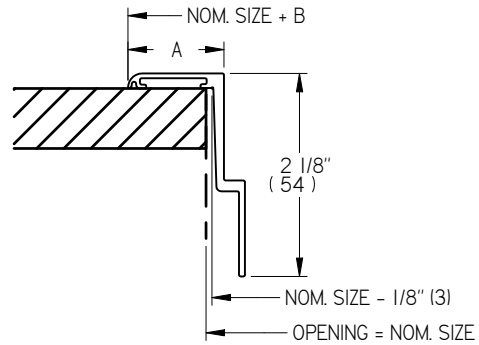
27B
30° DEFLECTION
1/2" (13) SPACING



27C
30° DEFLECTION
7/16" (11) SPACING



Frame Type	A	B
<input type="checkbox"/> 750	3/4" (19)	1 1/8" (29)
<input type="checkbox"/> 1000	1" (25)	1 5/8" (41)
<input type="checkbox"/> 1250	1 1/4" (32)	2 1/8" (54)



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

PROJECT:		PRICE
ENGINEER:		
CUSTOMER:		R
SUBMITTAL DATE:		250370
SPEC. SYMBOL:		DFGL LINEAR DISPLACEMENT FLOOR GRILLE
		SEPT 2011