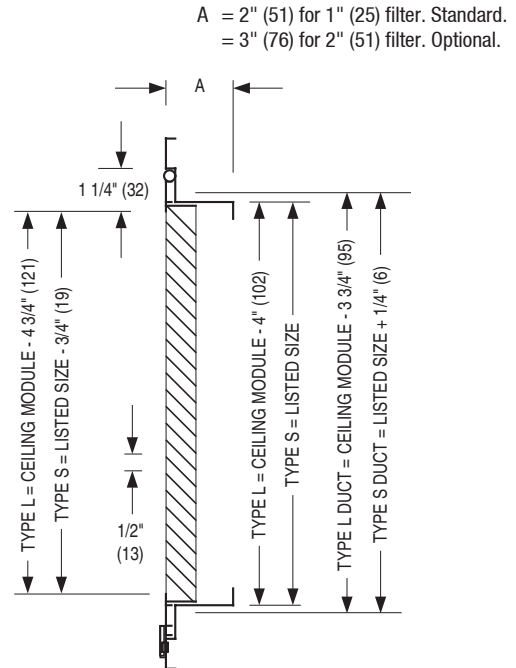
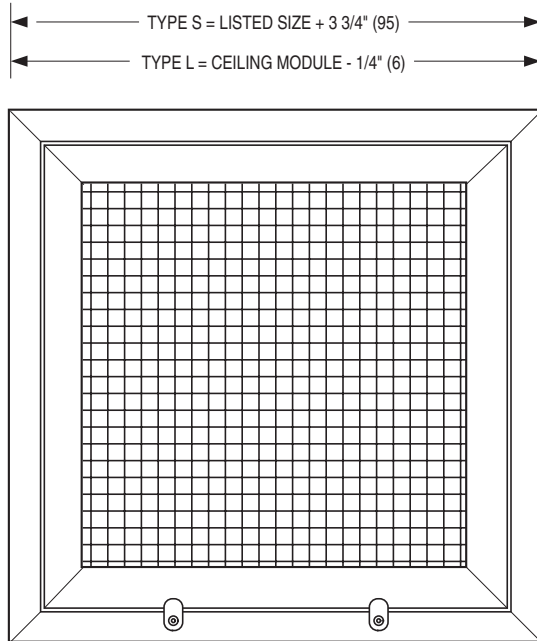




ALUMINUM FILTER RETURN GRILLES
EGGCRATE GRID CORE
45° DEFLECTION • SIGHTPROOF
MODEL: 51FE45



FRAME/BORDER:

- Type S** Surface Mount
- Type L** Lay-in T-Bar

DESCRIPTION:

1. Material: Extruded aluminum core and frame.
2. Provision for 1" (25) filter (by others) is standard.
3. Type S available in nominal sizes 6" x 4" (152 x 102) through 48" x 24" (1219 x 610) max. in 1" (25) increments. Type L is available in ceiling module sizes: 12" x 12", 24" x 12", 20" x 20", 24" x 24", 36" x 12", 36" x 24" and 48" x 24" (305 x 305, 610 x 305, 508 x 508, 610 x 610, 914 x 305, 914 x 610 and 1219 x 610). Fractional and metric sizes are available.
4. 1/2" x 1/2" x 1/2" (13 x 13 x 13) aluminum grid core is angled at 45° to prevent "see through" from three directions.
5. Sight resistant parallel to width/long dimension.
6. Core is hinged and secured by 1/4 turn latches. Core panel is hinged on width dimension at top as standard (HT).
 For other hinging requirements, specify one of the following:
 - HB Hinged Bottom
 - HL Hinged Left (facing grille)
 - HR Hinged Right (facing grille)

7. Type N standard fastening is with sheet metal screws, (by others), through the neck of the outer frame for Type S Surface Mount installation.
8. Standard Finish: AW Appliance White.

OPTIONS:

1. Finish:
 - SP Special _____ .
2. F2 Provision for 2" (51) filter (by others).
3. Core Fastening:
 - KK Knurled knob
 - QT 1/4 turn slotted fastener
4. Installation Fastening:
 - Type A Countersunk screwholes on face of outer frame (Type S Model).
5. Accessories:
 - GK Foam Gasket
 - EQT Earthquake Tabs

SCHEDULE TYPE:
PROJECT:
ENGINEER:
CONTRACTOR:

Page 1 of 2
 Dimensions are in inches (mm).

DATE	B SERIES	SUPERSEDES	DRAWING NO.
9 - 24 - 19	51F	11 - 10 - 15	51FE45-1

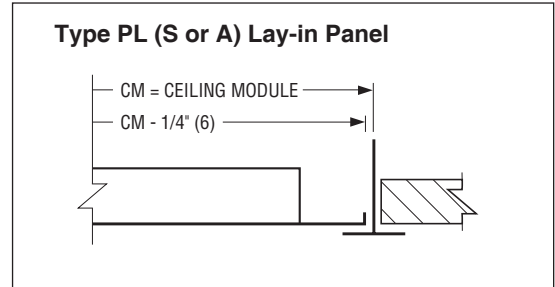


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MODEL: 51FE45

Panel Mounted/Ceiling Modules

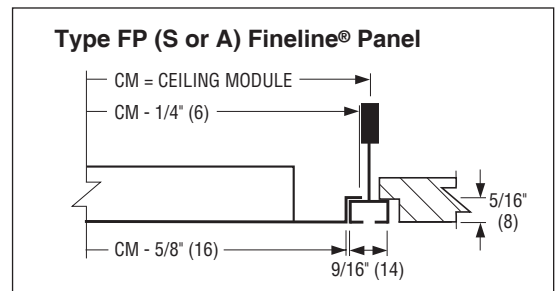
- Border Type PLS: Steel Lay-in Panel**
- Border Type PLA: Aluminum Lay-in Panel**

The grille or register is mounted in an extended panel to suit standard T-Bar Lay-in type ceilings.



- Border Type FPS: Steel Finline® Panel**
- Border Type FPA: Aluminum Finline® Panel**

The grille or register is mounted in an extended panel that will fit a 9/16" (14) narrow regressed (bolt slot) T-Bar ceiling grid or 9/16" (14) Flat T-Bar with tegular ceiling tile.



Available Border Type PL and FP Ceiling Module Sizes

Ceiling Module	
Imperial Units (in.)	Metric Units (mm)
12 x 12	300 x 300
24 x 12	600 x 300
36 x 12	900 x 300
48 x 12	1200 x 300
20 x 20	500 x 500
24 x 24	600 x 600
36 x 24	900 x 600
48 x 24	1200 x 600

Maximum grille neck size is CM Ceiling Module – 6" (152).

SCHEDULE TYPE:		Page 2 of 2			
PROJECT:		Dimensions are in inches (mm).			
ENGINEER:	DATE	B SERIES	SUPERSEDES	DRAWING NO.	
CONTRACTOR:	9 - 24 - 19	51F	11 - 10 - 15	51FE45-1	