Nailor Industries Inc.

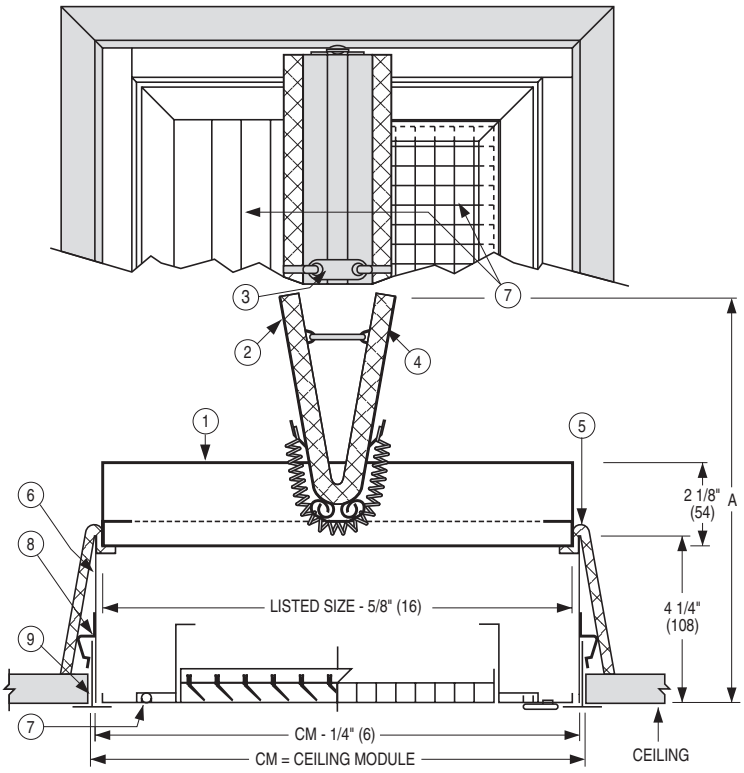
FIRE RATED DUCTLESS RETURN AIR FILTER GRILLES MODELS: 4121 THRU 4126

Louvered Grille Models:

4121, 4122, 4123

Eggcrate Grille Models:

4124, 4125, 4126



CLASSIFIED UL

CATEGORY BZZU & CABS

ULC

CATEGORY 40U18.2W

DESCRIPTION:

1. Damper frame: galvanized steel, standard.
2. Damper blades: galvanized steel, standard.
3. U.L. Listed fusible link: 212°F (100°C) standard.
4. Blade insulation: ceramic fiber.
5. Shroud: ceramic fiber.
6. Extension frame: galvanized steel, standard.
7. Steel filter grille with hinged core secured by 1/4 turn fasteners. 1" (25) filter by others.
   Louvered face: fixed 45° deflection blades on 3/4" (19) centers.
   Eggcrate face: 1/2 x 1/2 x 1/2 (13 x 13 x 13) aluminum grid core.
   Standard finish: AW Appliance white baked enamel.
8. Ceiling grid clip: 4 attached. 2 each on opposite sides.
9. Supplementary (or existing) ceiling grid member.

OPTIONS:

1. Non-standard temperature U.L. Listed fusible link.
   - ❑ 165°F (74°C)
   - ❑ 286°F (141°C)
2. Finish:
   - ❑ SP Special _____ .

The **Nailor Series 4100** are UL/ULC classified fire rated ceiling diffuser assemblies listed in Underwriters Laboratories Fire Resistance Directory and Underwriters' Laboratories of Canada List of Equipment and Materials. This design meets UL time-vs-temperature test criteria and NFPA 90A requirements.

All diffusers are classified for use in UL/ULC restrained or unrestrained floor/ceiling and or roof/ceiling assemblies which incorporate an exposed grid suspended ceiling (lay-in T-bar) with up to a 3 hour rating. For details of fire rated assemblies, see the current UL Fire Resistance Directory or ULC List of Equipment and Materials Vol. III Fire Resistant Ratings.

For use with exposed grid T-bar ceilings only.

For installation instructions see dwg. 4100-4.

Available Sizes and Dimensional Data

Model No.	Filter Grille	Ceiling Module		Opening Height A
		Imperial (inches)	Metric (mm)	
4121	Louvered Face	12 x 12	300 x 300	10" (254
4122		24 x 12	600 x 300	10" (254)
4123		24 x 24	600 x 600	16" (406)
4124	Eggcrate Face	12 x 12	300 x 300	10" (254)
4125		24 x 12	600 x 300	10" (254)
4126		24 x 24	600 x 600	16" (406)

SCHEDULE TYPE:	Dimensions are in inches (mm).			
PROJECT:				
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**10 - 9 - 01**	**4100**	**19 - 7 - 99R**	**4100-2A**

Nailor Industries Inc. reserves the right to change any information concerning product or pricing without notice.