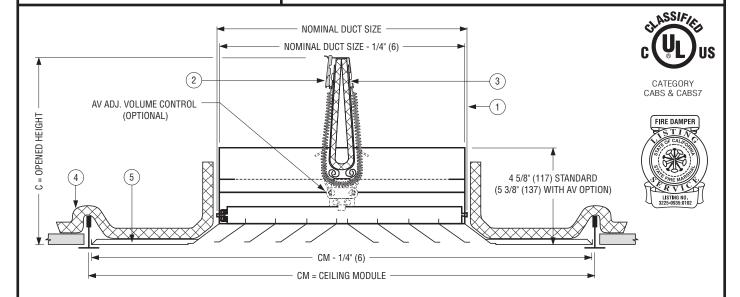


FIRE RATED PATTERN CEILING DIFFUSER

STEEL • SQUARE NECK

MODEL: 6500FRD



Dimensional Data and Sizing Availability:

Ceiling Module CM	Nominal Duct Size (square)	Opened Height C	
		Standard	With AV Option
12 x 12	6 x 6 9 x 9	5 3/4 7 1/4	6 1/2 8
24 x 24	6 x 6 9 x 9 12 x 12	5 3/4 7 1/4 9	6 1/2 8 9 3/4
	15 x 15 18 x 18 21 x 21	10 1/4 11 3/4 13 1/4	11 N/A N/A

Note: If square ceiling module is more than 3" (76) larger than the duct size, a module sized extended panel is utilized.

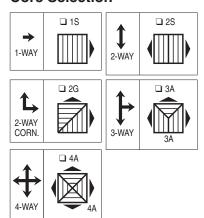
ITEMS:

- 1. Steel duct drop (by others).
- 2. U.L. Listed fusible link. 212°F (100°C) standard.
- 3. Ceiling radiation damper (Model 0716).
- 4. Ceramic fibre thermal blanket accessory (Model 0726).
- 5. Corrosion resistant steel diffuser.

DESCRIPTION:

- All models 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 or ULC Fire Resistance Directory.
- 2. A high capacity ceiling diffuser available in 1, 2, 3 or 4-way blow patterns to provide a tight horizontal air flow pattern from maximum to minimum air flow. Ideal for VAV applications.
- 3. Spring-loaded removable core.

Core Selection



- 4. The fixed radiation damper is standard. The adjustable ceiling radiation damper (Model 0716A) with volume control for balancing is optional.
- 5. Standard finish is AW Appliance White.

OPTIONS:

- AV Fusible link adjustable volume control (Model 0716A damper). Max. square duct size is 15 x 15 (381 x 381).
- Non-standard temperature U.L. Listed fusible link.
 □ 165°F (74°C)
- 3. Finish:
 - ☐ WH Off-white ☐ SP Special

For installation instructions, see IOM-CRDSDINST or IOM-CRDTBINST.

 SCHEDULE TYPE:
 Dimensions are in inches (mm).

 PROJECT:
 DATE
 B SERIES
 SUPERSEDES
 DRAWING NO.

 CONTRACTOR:
 11 - 24 - 16
 6500FRD
 5 - 11 - 15
 6500FRD-1