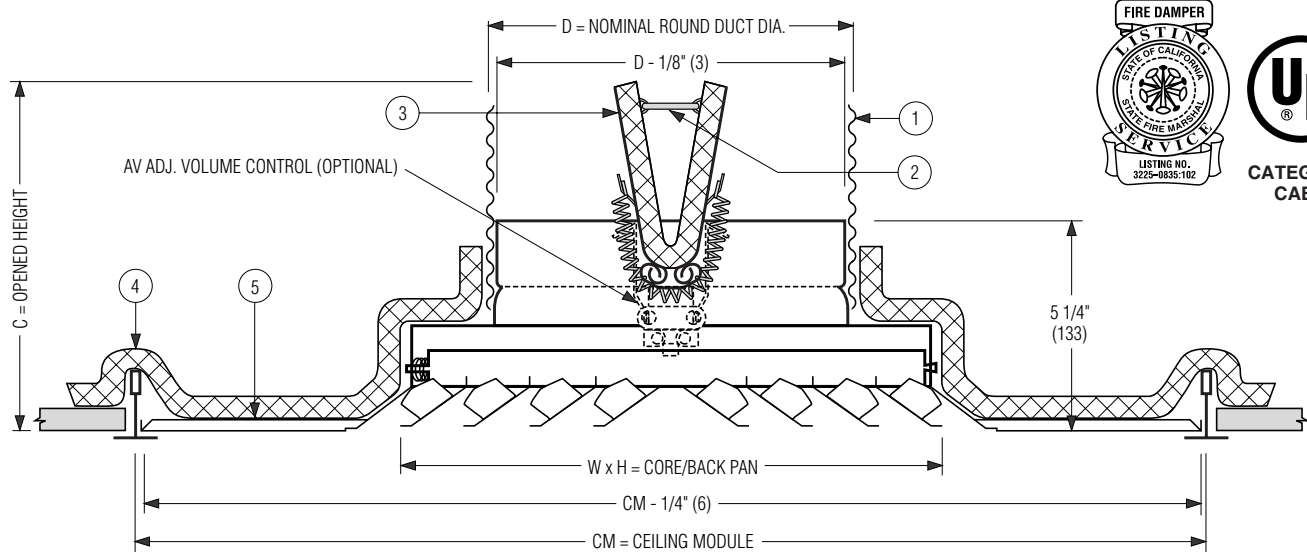




**FIRE RATED PATTERN CEILING DIFFUSER**  
**STEEL • ROUND NECK • INDUCTION VANES**  
**MODEL: 6505IVFRD**



**Dimensional Data and Sizing Availability:**

Ceiling Module	Core/Back Pan	Round Neck	Opening Height
CM	W x H	D	C
12 x 12	9 x 9	6	6 1/2
		8	7 1/2
24 x 24	9 x 9	6	6 1/2
		8	7 1/2
	12 x 12	10	8 1/2
		12	9 1/2
	15 x 15	14	10 1/2
		12	9 1/2
18 x 18	14	10 1/2	

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

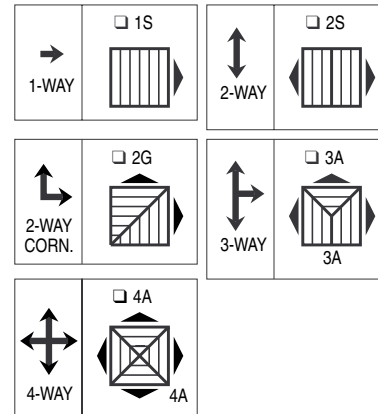
**ITEMS:**

1. Flexible air duct (UL Class 0 or 1) connector or steel duct.
2. U.L. Listed fusible link. 212°F (100°C) standard.
3. Ceiling radiation damper (Model 0722).
4. Ceramic fibre thermal blanket accessory (Model 0725).
5. Corrosion resistant steel diffuser.

**DESCRIPTION:**

1. All models are classified for use in UL 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.
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. Induction vanes cause air to emerge from each louver at alternating angles, producing high induction rates and rapid temperature equalization. Ideal for VAV applications.

**Core Selection**



3. Spring-loaded removable core.
4. The fixed radiation damper is standard. The adjustable ceiling radiation damper (Model 0722A) with volume control for balancing is optional.
5. Standard finish is AW Appliance white.

**OPTIONS:**

1.  AV Fusible link adjustable volume control (Model 0722A damper)
2. Non-standard temperature U.L. Listed fusible link.
  - 165°F (74°C)       286°F (141°C)
3. Finish:
  - SP Special. Specify \_\_\_\_\_.

**For installation instructions, see dwgs. 0700-8A and 8B.**

Dimensions are in inches (mm).

<b>SCHEDULE TYPE:</b>				
<b>PROJECT:</b>				
<b>ENGINEER:</b>	<b>DATE</b>	<b>B SERIES</b>	<b>SUPERSEDES</b>	<b>DRAWING NO.</b>
<b>CONTRACTOR:</b>	19 - 5 - 99RR	6500FRD	NEW	6500FRD-6