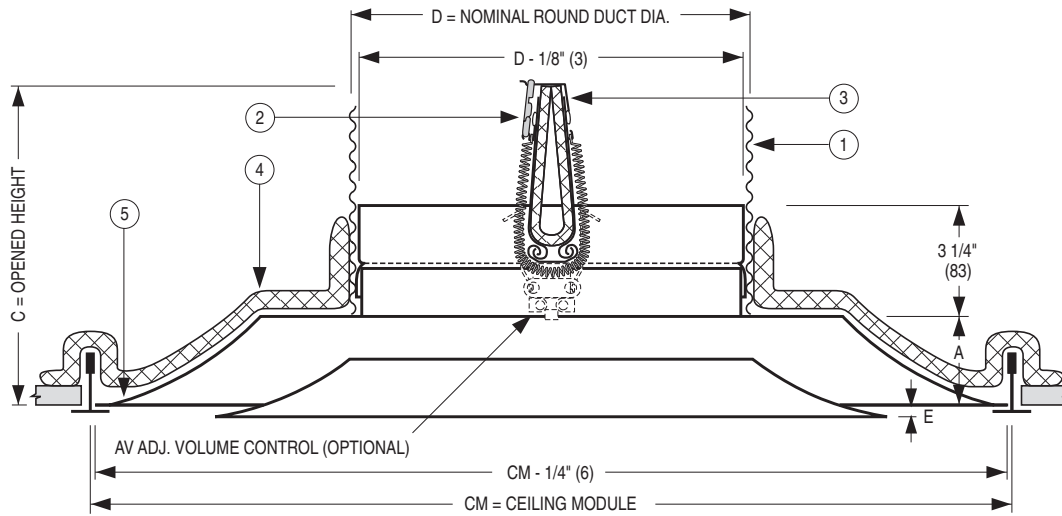




**FIRE RATED CEILING DIFFUSER**  
**STAMPED SQUARE •**  
**STEEL • ROUND NECK • 2 CONE**  
**MODELS: 4410 AND 4420**



CATEGORY  
BZZU



CATEGORY  
BZGUC



	Imperial Modules								Metric Modules				
	Imperial Units (inches)				SI Units (mm)				SI Units (mm)				
Listed Neck Size	CM = 12 x 12				CM = 305 x 305				CM = 300 x 300				
	D	A	C	E	D	A	C	E	D	A	C	E	
	6	6	1	5 1/2	1-1/4	152	25	140	32	152	25	140	32
	8	8	6 1/2		203	25	165	32	203	25	165	32	
Listed Neck Size	CM = 24 x 24				CM = 610 x 610				CM = 600 x 600				
	D	A	C	E	D	A	C	E	D	A	C	E	
	6	6		6 13/16		152		173		152		173	
	8	8		7 13/16		203		198		203		198	
	10	10	2 5/16	8 13/16	7/8	254	59	224	22	254	59	224	22
	12	12		9 13/16		305		249		305		249	
14	14		10 13/16		356		275		356		275		

**MODEL 4410**  
 12 x 12 (300 x 300) module  
 Type L Lay-in Frame

**MODEL 4420**  
 24 x 24 (600 x 600) module  
 Type L Lay-in Frame

**ITEMS:**

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

4. The diffuser consists of two die-formed concentric cones which eliminate mitered corners and provide uniform appearance in all neck sizes.
5. Standard finish is AW Appliance White.

**DESCRIPTION:**

1. 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. The inner core assembly is fixed and has a removable button for access to the ceiling radiation damper when the option AV is specified.
3. The diffuser delivers air in a true 360° streamline pattern. Excellent for VAV systems.

**OPTIONS:**

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

For installation instructions, see IOM-FRDSINST or IOM-FRDFINST.

**SCHEDULE TYPE:**

**PROJECT:**

**ENGINEER:**

**CONTRACTOR:**

Dimensions are in inches (mm).

DATE	B SERIES	SUPERSEDES	DRAWING NO.
11 - 24 - 16	4400	5 - 11 - 15	4400-1