



SF862-T

Circular Swirl Diffuser

For Lay-In Ceiling Application

PRODUCT
SPECIFICATIONS
& TECHNICAL
DATA

GENERAL

The design features and construction of the SF862-T Circular Swirl Diffuser generate a helical air stream discharge of supply air, creating a high induction ratio and rapid reduction in the temperature differential. This provides an ideal comfort condition in the occupied zone in comparison to conventional diffusers.

Use: Suspended ceilings

Construction: Manufactured from mild steel

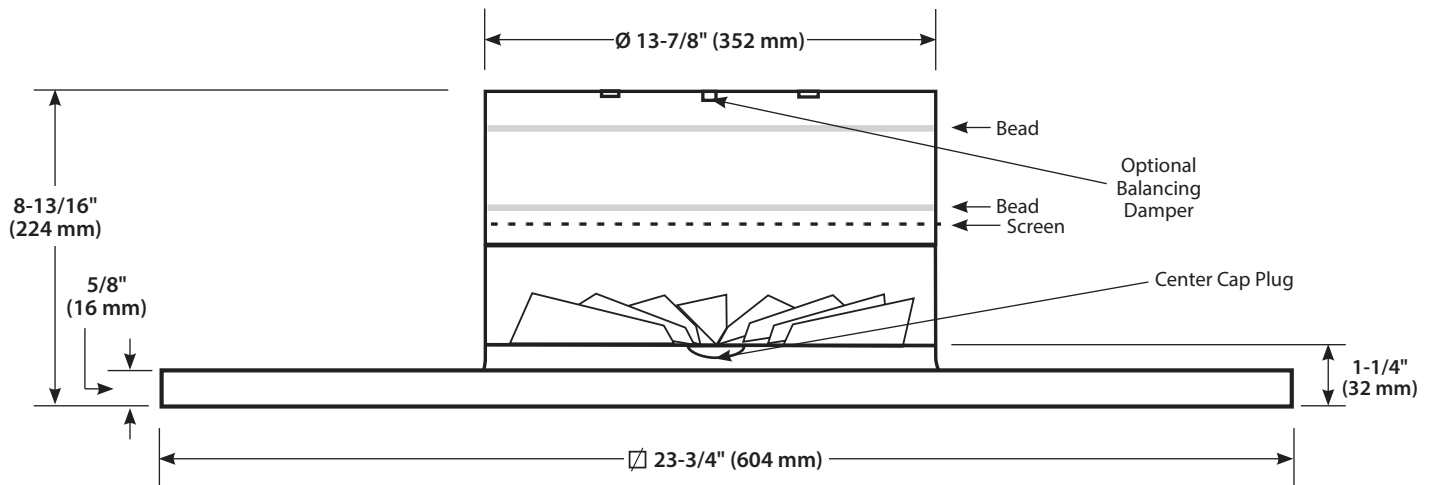
Standard Paint: White RAL 9010

Optional Paint: RAL color, Code Z

Balancing Damper: Optional



DIMENSIONS



PERFORMANCE DATA

Size	Measurement	Airflow CFM (m ³ /h)					
		235 (400)	294 (500)	353 (600)	471 (800)	588 (1000)	706 (1200)
14" (350mm)	Velocity FPM (m/s)	335 (1.7)	492 (2.5)	649 (3.3)	807 (4.1)	964 (4.9)	1102 (5.6)
	Differential Pressure in. w.g. (Pa)	0.010 (2.4)	0.018 (4.6)	0.029 (7.3)	0.052 (13.0)	0.086 (21.5)	0.114 (28.6)
	Throw Feet (m)*	3.6 (1.10)	5.7 (1.75)	7.9 (2.40)	11.3 (3.43)	14.0 (4.27)	16.1 (4.91)
	NC**	<20	<20	22	29	36	40

* Horizontal throw values are given for terminal velocity of 50 FPM (0.25 m/s)

**Room absorption not factored into NC values.

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