



SR862

Circular Swirl Diffuser

For Drywall or Plaster Ceilings

PRODUCT
SPECIFICATIONS
& TECHNICAL
DATA

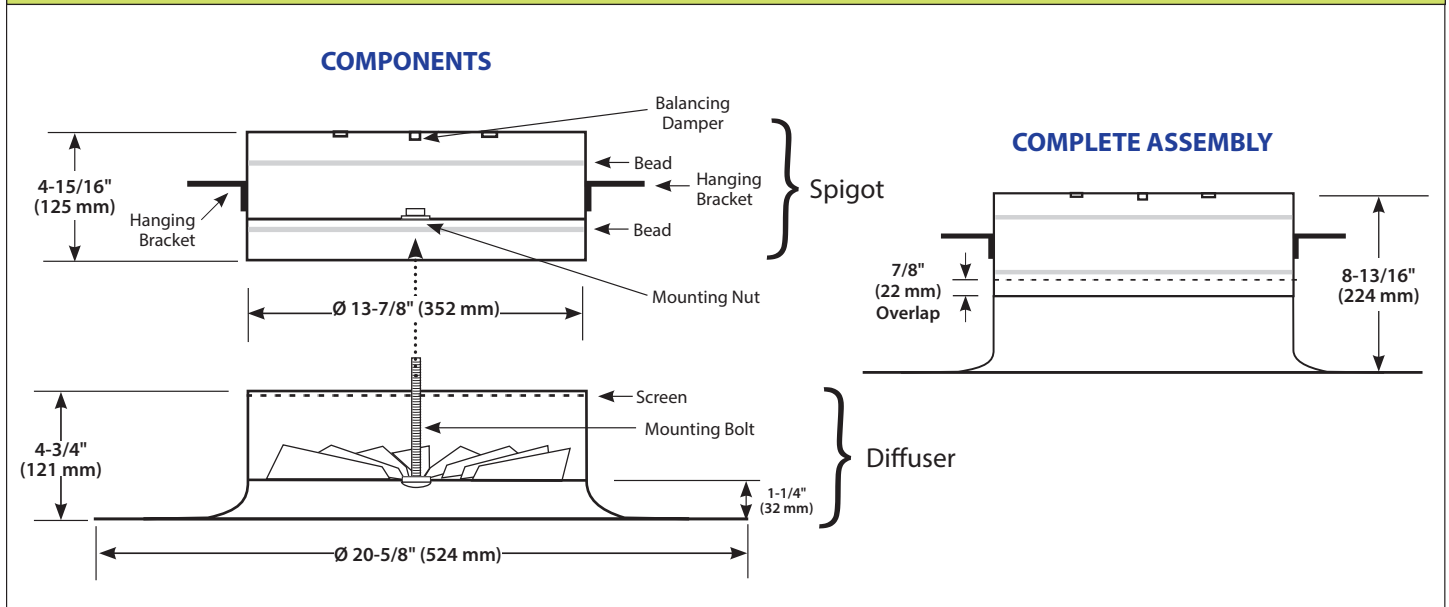
GENERAL

The design features and construction of the SR862 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: Suspension mount in drywall or plaster ceilings
 Construction: Manufactured from mild steel
 Standard Paint: White RAL 9010
 Optional Paint: RAL color, Code Z
 Balancing Damper: Included



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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