

**MODEL**

- CRNRR - Steel concentric ring nozzle with round duct reducer
- 5CRNRR - Aluminum concentric ring nozzle with round duct reducer

**FEATURES**

- Steel or aluminum construction
- Directional air pattern control (60° axial adjustment with 360° of rotation)
- For use in stub duct applications

**SIZES**

- Round: 6" - 18" (2" increments)



DIFFUSERS | AIR NOZZLES

CRNRR / 5CRNRR

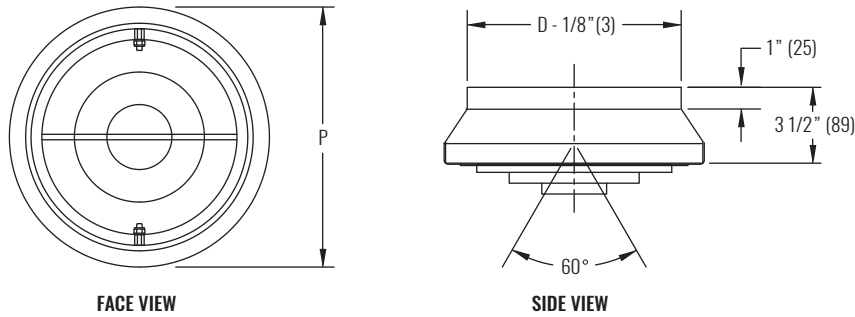


# CRNRR / 5CRNRR

Concentric Ring, Round Reducer



## DIMENSIONAL DATA



NOTES: Dimensions in parentheses are millimeters (mm). See table below for dimensional references.

## PERFORMANCE AND DIMENSIONAL DATA

SIZE	PERFORMANCE								DIMENSIONS		
	NC (< 25)				NC (25 - 40)				ELEMENT SIZE	DUCT D	P
NOMINAL	CFM	-20°ΔT VERTICAL THROW (ft)	ISOTHERMAL THROW (ft)	+20° ΔT VERTICAL THROW (ft)	CFM	-20° ΔT VERTICAL THROW (ft)	ISOTHERMAL THROW (ft)	+20° ΔT VERTICAL THROW (ft)			
6"	49 - 249	9 - 33	9 - 29	8 - 24	264 - 421	35 - 43	30 - 38	25 - 32	3" (76)	6" (152)	8 1/8" (206)
8"	87 - 407	12 - 43	12 - 38	11 - 31	420 - 664	44 - 55	39 - 49	32 - 40	4 3/8" (111)	8" (203)	10 1/8" (257)
10"	136 - 590	15 - 52	15 - 46	14 - 38	614 - 972	53 - 67	47 - 59	39 - 49	5 3/4" (146)	10" (254)	12 1/8" (308)
12"	196 - 785	18 - 60	18 - 53	17 - 44	810 - 1327	61 - 78	54 - 69	44 - 57	7 3/8" (187)	12" (305)	14 1/8" (359)
14"	267 - 1069	21 - 70	21 - 62	20 - 51	1107 - 1604	71 - 86	63 - 76	52 - 62	8 5/8" (219)	14" (356)	16 1/8" (410)
16"	349 - 1308	25 - 76	25 - 68	22 - 56	1396 - 2094	80 - 98	71 - 86	58 - 71	9 3/4" (248)	16" (406)	18 1/8" (460)
18"	442 - 1611	28 - 84	28 - 75	25 - 62	1767 - 2651	90 - 110	79 - 97	65 - 80	10 1/2" (267)	18" (457)	20 1/8" (511)

SEE BACK SUPPLEMENT FOR DESIGN INFORMATION

NOTES: Information shown is abbreviated. See website for complete information. Dimensions in parentheses are millimeters (mm). Throw value ranges are given for isothermal conditions, unless otherwise noted, and a terminal velocity of 50 FPM (0.25 m/s). NC ranges are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re 10<sup>-12</sup> Watts. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741.