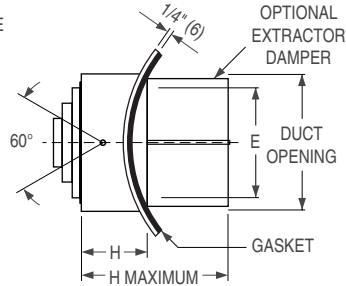
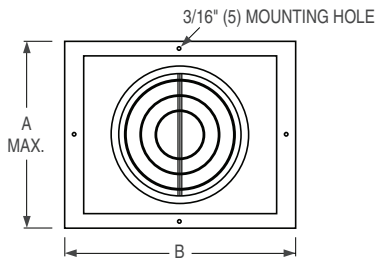




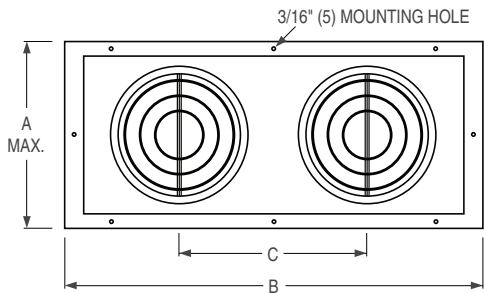
ROUND AIR NOZZLE DIFFUSER
 ALUMINUM • CONCENTRIC RINGS • CURVED FRAME
 SPIRAL DUCT MOUNT
MODEL: RANCC

1N

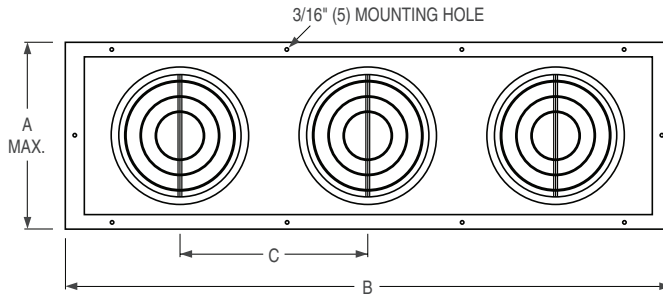


Note:
 Round duct diameter **MUST**
 be specified.

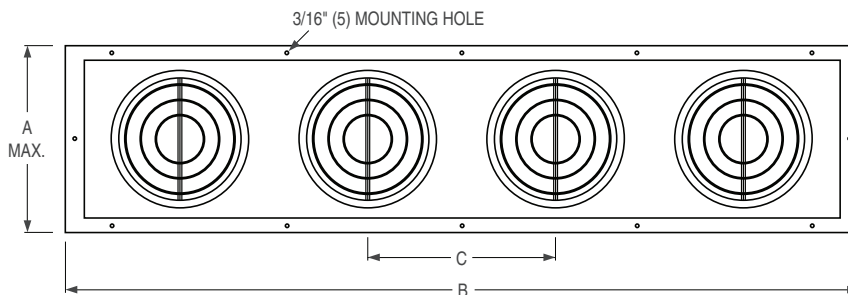
2N



3N



4N



DESCRIPTION:

1. Material: Aluminum.
2. Model RANCC is a Round Air Nozzle Diffuser that has been designed for mounting to exposed spiral duct. The high velocity concentric ring nozzle diffusers are housed in a curved frame panel and ideally suited for industrial, institutional and commercial applications where ductwork cannot be brought close to the occupants in large conditioned spaces requiring directional control of a concentrated column of air. The versatile design offers quiet operation, low pressure requirements and easy finger-tip adjustment of the nozzles, which can be adjusted for directional air pattern control 70° global rotation minimum ± 35° deflection with a full 360° rotation.
3. Nominal nozzle sizes are available in 4" to 12" (102 to 305).
4. 1, 2, 3 or 4 nozzles per panel.
5. GK Foam Gasket is provided as standard.

6. Mounting screws are provided for each panel.
7. Standard finish is AW Appliance White.

OPTIONS:

- DEX Damper/Extractor .
 Finish: _____
- SP Special.
 Specify: _____ .

SCHEDULE TYPE
PROJECT
ENGINEER
CONTRACTOR

Page 1 of 2
 Dimensions are in inches (mm).

DATE	B SERIES	SUPERSEDES	DRAWING NO.
4 - 22 - 21	RAN	3 - 7 - 19	RAN-6



ROUND AIR NOZZLE DIFFUSER
 ALUMINUM • CONCENTRIC RINGS • CURVED FRAME
 SPIRAL DUCT MOUNT
 MODEL: RANCC

Nominal Nozzle Size E	Qty. Nozzles Per (Panel)	C	Rings Per Nozzle	A Max.	B	H	H Max.	Duct Opening	Min. Duct Dia.
4	1N	–	3	9 (229)	9 (229)	3 (76)	10 3/16 (259)	7 x 7 (178 x 178)	8 (203)
	2N	6 (152)			17 1/2 (445)			7 x 15 1/2 (178 x 394)	
	3N	6 (152)			22 1/2 (572)			7 x 20 1/2 (178 x 521)	
	4N	6 (152)			28 1/2 (724)			7 x 26 1/2 (178 x 673)	
5	1N	–	3	10 (254)	10 (254)	3 (76)	11 1/16 (281)	8 x 8 (203 x 203)	8 (203)
	2N	8 (203)			20 1/2 (521)			8 x 15 1/2 (203 x 394)	
	3N	8 (203)			26 1/2 (673)			8 x 20 1/2 (203 x 521)	
	4N	8 (203)			34 1/2 (876)			8 x 26 1/2 (203 x 673)	
6	1N	–	3	11 (279)	11 (279)	3 (76)	12 (305)	9 (229)	10 (254)
	2N	9 (229)			21 1/2 (546)			9 x 19 1/2 (229 x 495)	
	3N	9 (229)			30 1/2 (775)			9 x 28 1/2 (229 x 724)	
	4N	9 (229)			39 1/2 (1003)			9 x 37 1/2 (229 x 953)	
8	1N	–	3	13 (330)	13 (330)	4 (102)	12 3/4 (324)	11 x 11 (279 x 279)	12 (305)
	2N	12 (305)			26 1/2 (673)			11 x 24 1/2 (279 x 622)	
	3N	12 (305)			38 1/2 (978)			11 x 36 1/2 (279 x 927)	
	4N	12 (305)			50 1/2 (1283)			11 x 48 1/2 (279 x 1232)	
10	1N	–	3	15 (381)	15 (381)	4 (102)	14 1/2 (368)	13 x 13 (330 x 330)	14 (356)
	2N	13 (330)			29 1/2 (749)			13 x 27 1/2 (279 x 699)	
	3N	13 (330)			42 1/2 (1080)			13 x 40 1/2 (279 x 1029)	
	4N	13 (330)			55 1/2 (1410)			13 x 53 1/2 (279 x 1359)	
12	1N	–	3	17 (432)	17 (432)	4 (102)	16 1/8 (410)	15 x 15 (381 x 381)	18 (457)
	2N	15 (381)			33 1/2 (851)			15 x 31 1/2 (279 x 800)	
	3N	15 (381)			48 1/2 (1232)			15 x 46 1/2 (279 x 1181)	
	4N	15 (381)			63 1/2 (1613)			15 x 61 1/2 (279 x 1562)	

Inches are measured to the nearest 1/16" (2).

Notes:

1. Duct diameters are available 6" through 36" (76 - 914) in 2" (51) increments.
2. Round duct diameter must be specified on order.

SCHEDULE TYPE		Page 2 of 2			
PROJECT		Dimensions are in inches (mm).			
ENGINEER	DATE	B SERIES	SUPERSEDES	DRAWING NO.	
CONTRACTOR	4 - 22 - 21	RAN	3 - 7 - 19	RAN-6	