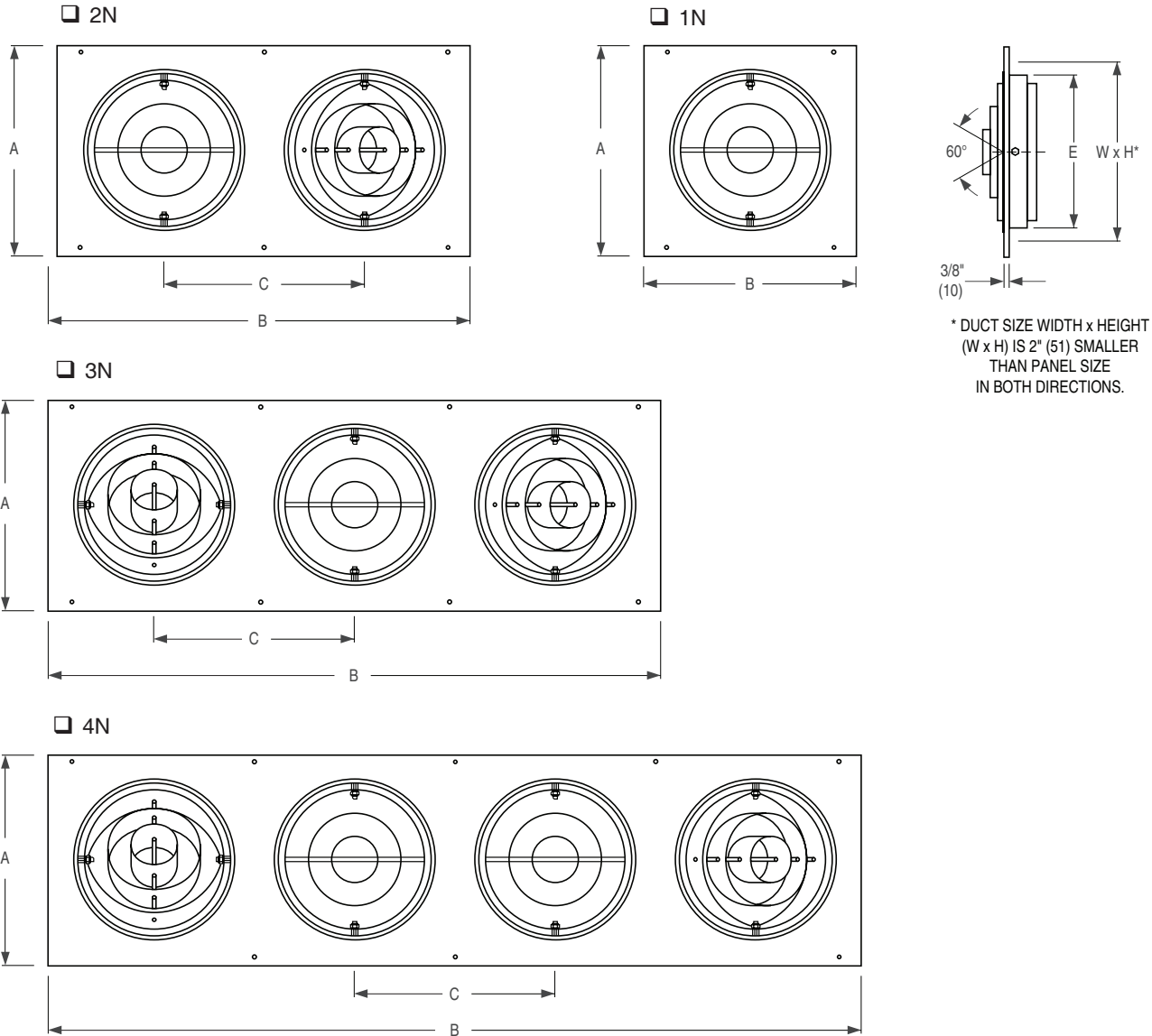




**ROUND AIR NOZZLE DIFFUSER**  
 STEEL OR ALUMINUM • CONCENTRIC RINGS  
 PANEL MOUNTED • WALL/CEILING  
**MODEL: RANCP**



**DESCRIPTION:**

1. Material: Heavy gauge steel construction is standard.
2. Model RANCP is a Round Air Nozzle Diffuser that has been specially designed for hard surface installations in a wall, ceiling or exposed round duct. The high capacity concentric ring nozzle diffusers are ideally suited for industrial, institutional or commercial applications requiring directional control of a concentrated column of air. The versatile design offers adjustment of the nozzle up to 60° axial adjustment with a full 360° rotation for a variety of directional control settings.
3. Nominal sizes are available in 4" to 24" (102 to 610).
4. 1, 2, 3 or 4 nozzles per panel.
5. Mounting screws are provided for panels.
6. Standard finish is AW Appliance White.

**OPTIONS:**

- ALC Aluminum construction
- Finish:
- SP Special.  
 Specify: \_\_\_\_\_

<b>SCHEDULE TYPE</b>		Page 1 of 2			
<b>PROJECT</b>		Dimensions are in inches (mm).			
<b>ENGINEER</b>	<b>DATE</b>	<b>B SERIES</b>	<b>SUPERSEDES</b>	<b>DRAWING NO.</b>	
<b>CONTRACTOR</b>	4 - 23 - 21	RAN	3 - 7 - 19	RAN-3	



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Nominal Nozzle Size E	# Per (Panel)	C	Rings Per Nozzle	A	B	H	W
4	1	–	3	8 (203)	8 (203)	6 (152)	6 (152)
	2	6 (152)	3	8 (203)	15 (381)	6 (152)	12 (305)
	3	6 (152)	3	8 (203)	20 (508)	6 (152)	18 (457)
	4	6 (152)	3	8 (203)	26 (660)	6 (152)	24 (610)
5	1	–	3	10 (254)	10 (254)	8 (203)	8 (203)
	2	8 (203)	3	10 (254)	18 (457)	8 (203)	16 (406)
	3	8 (203)	3	10 (254)	24 (610)	8 (203)	22 (559)
	4	8 (203)	3	10 (254)	32 (813)	8 (203)	30 (762)
6	1	–	3	10 (254)	10 (254)	8 (203)	8 (203)
	2	9 (229)	3	10 (254)	19 (483)	8 (203)	17 (432)
	3	9 (229)	3	10 (254)	28 (711)	8 (203)	26 (660)
	4	9 (229)	3	10 (254)	37 (940)	8 (203)	35 (889)
8	1	–	3	12 (305)	12 (305)	10 (254)	10 (254)
	2	12 (305)	3	12 (305)	24 (610)	10 (254)	22 (559)
	3	12 (305)	3	12 (305)	36 (914)	10 (254)	34 (864)
	4	12 (305)	3	12 (305)	48 (1219)	10 (254)	46 (1168)
10	1	–	3	14 (356)	14 (356)	12 (305)	12 (305)
	2	13 (330)	3	14 (356)	27 (686)	12 (305)	25 (635)
	3	13 (330)	3	14 (356)	40 (1016)	12 (305)	38 (965)
	4	13 (330)	3	14 (356)	53 (1346)	12 (305)	51 (1295)
12	1	–	3	16 (406)	16 (406)	14 (356)	14 (356)
	2	15 (381)	3	16 (406)	31 (787)	14 (356)	29 (737)
	3	15 (381)	3	16 (406)	46 (1168)	14 (356)	44 (1118)
	4	15 (381)	3	16 (406)	61 (1549)	14 (356)	59 (1499)
14	1	–	4	18 (457)	18 (457)	16 (406)	16 (406)
	2	17 (432)	4	18 (457)	35 (889)	16 (406)	33 (838)
	3	17 (432)	4	18 (457)	52 (1321)	16 (406)	50 (1270)
	4	17 (432)	4	18 (457)	69 (1753)	16 (406)	67 (1702)
16	1	–	4	20 (508)	20 (508)	18 (457)	18 (457)
	2	20 (508)	4	20 (508)	40 (1016)	18 (457)	38 (965)
	3	20 (508)	4	20 (508)	60 (1524)	18 (457)	58 (1473)
	4*	20 (508)	4	20 (508)	80 (2032)	18 (457)	78 (1981)
18	1	–	4	22 (559)	22 (559)	20 (508)	20 (508)
	2	22 (559)	4	22 (559)	46 (1168)	20 (508)	44 (1118)
	3	22 (559)	4	22 (559)	67 (1702)	20 (508)	64 (1626)
	4*	22 (559)	4	22 (559)	90 (2286)	20 (508)	88 (2235)
20	1	–	5	24 (610)	24 (610)	22 (559)	22 (559)
22	1	–	5	26 (660)	26 (660)	24 (610)	24 (610)
24	1	–	5	28 (711)	28 (711)	26 (660)	26 (660)

\* Unit shipped in two sections. Assembly required with bolts supplied.

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

<b>SCHEDULE TYPE</b>		Page 2 of 2			
<b>PROJECT</b>		Dimensions are in inches (mm).			
<b>ENGINEER</b>		<b>DATE</b>	<b>B SERIES</b>	<b>SUPERSEDES</b>	<b>DRAWING NO.</b>
<b>CONTRACTOR</b>		4 - 23 - 21	RAN	3 - 7 - 19	RAN-3