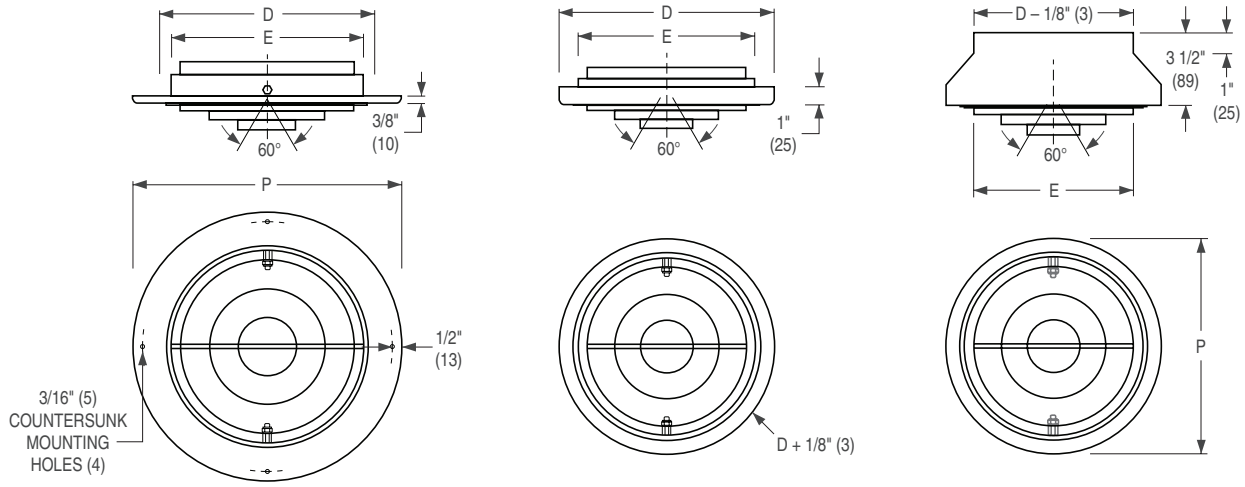




ROUND AIR NOZZLE DIFFUSER
STEEL OR ALUMINUM • CONCENTRIC RINGS
ADJUSTABLE & ROTATING
MODEL: RANC



SM Frame
(Surface Mount)

RD Frame
(Exposed Round Duct)

RR Frame
(Round Reducer)

Nom. Size	SM Frame †				RD Frame †			RR Frame			
	E Nozzle	Rings Per Nozzle	D (Duct)	P (Panel)	E Nozzle	Rings Per Nozzle	D (Duct)	E Nozzle	Rings Per Nozzle	D (Duct)	P (Panel)
4	4 (102)	3	6 (152)	8 (203)	4 (102)	3	6 (152)	—	—	—	—
5	5 (127)	3	6 (152)	8 (203)	5 (127)	3	6 (152)	—	—	—	—
6	6 (152)	3	8 (203)	10 (254)	6 (152)	3	8 (203)	6 (152)	3	6 (152)	8 (203)
8	8 (203)	3	10 (254)	12 (305)	8 (203)	3	10 (254)	8 (203)	3	8 (203)	10 (254)
10	10 (254)	3	12 (305)	14 (356)	10 (254)	3	12 (305)	10 (254)	3	10 (254)	12 (305)
12	12 (305)	3	14 (356)	16 (406)	12 (305)	3	14 (356)	12 (305)	3	12 (305)	14 (356)
14	14 (356)	4	16 (406)	18 (457)	14 (356)	4	16 (406)	14 (356)	3	14 (356)	16 (406)
16	16 (406)	4	18 (457)	20 (508)	16 (406)	4	18 (457)	16 (406)	4	16 (406)	18 (457)
18	18 (457)	4	20 (508)	22 (559)	18 (457)	4	20 (508)	18 (457)	4	18 (457)	20 (508)
20	20 (508)	5	22 (559)	24 (610)	20 (508)	5	22 (559)	20 (508)	5	20 (508)	22 (559)
22	22 (559)	5	24 (610)	26 (660)	22 (559)	5	24 (610)	22 (559)	5	22 (559)	24 (610)
24	24 (610)	5	26 (660)	28 (711)	24 (610)	5	26 (660)	24 (610)	5	24 (610)	26 (660)

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

Note:

† The SM and RD frame model nominal size is 2" (51) smaller than the duct size it mounts to.

Example: A size 10 mounts on a 12" (305) duct.

DESCRIPTION:

- Material: Heavy gauge steel construction.
- Model RANC Round Air Nozzle Diffusers have 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 accurate directional control of a concentrated column of air. The versatile design offers easy finger tip adjustment of the concentric rings and directional air pattern control ± 30° deflection with a full 360° rotation.
- Frame Type SM – Surface mount system. Mounting screws are included.
 Frame Type RD – Frame slides cleanly over end of exposed duct work. Mounting screws are included.
 Frame Type RR – Frame slides cleanly into end of exposed duct work. Mounting screws are included.
- Standard finish is AW Appliance White.

OPTIONS:

Frame:

- SM Surface Mount (Wall/Ceiling)
- RD Exposed Round Duct
- RR Round Reducer
- ALC Aluminum construction

Finish:

- SP Special. Specify: _____ .

SCHEDULE TYPE					Dimensions are in inches (mm).				
PROJECT									
ENGINEER					DATE	B SERIES	SUPERSEDES	DRAWING NO.	
CONTRACTOR					4 - 27 - 21	RAN	3 - 7 - 19	RAN-2	