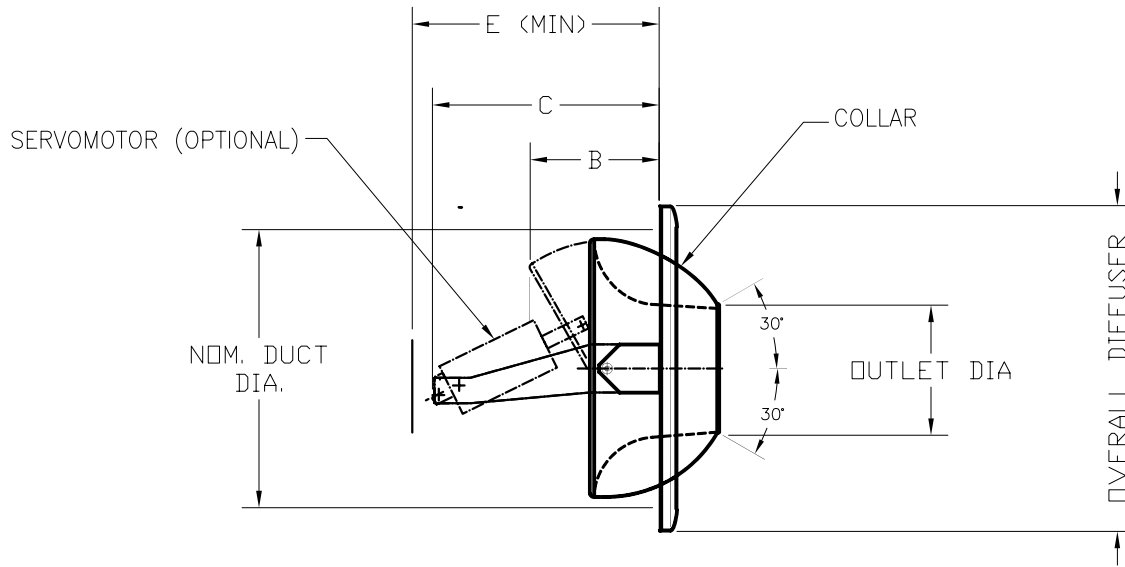


JNA-JNT NOZZLE ADJUSTABLE



IMPERIAL / (METRIC) SCHEDULE

SIZE	NOM DUCT DIA	OUTLET DIA	OVERALL DIFFUSER	B	C	E (MIN)
6"	6.10 (155)	2.36 (60)	7.32 (186)	3.11 (79)	10.68 (271)	11.92 (302)
7"	7.40 (188)	3.15 (80)	9.05 (230)	3.70 (94)	11.30 (287)	12.16 (308)
11"	10.78 (274)	4.72 (120)	12.63 (314)	5.00 (127)	12.99 (330)	12.95 (329)
14"	13.78 (350)	5.90 (150)	15.98 (406)	6.61 (168)	14.25 (362)	13.50 (343)
18"	17.83 (453)	7.87 (200)	19.92 (506)	8.82 (224)	16.37 (416)	14.48 (367)
21"	21.37 (543)	9.84 (250)	23.85 (606)	10.98 (279)	18.18 (462)	15.31 (389)

OPTION:

- SERVOMOTOR (ELECTRICAL ADJUSTABLE)
- JNA
- JNT

MATERIAL:

- NOZZLE—ALUMINUM
- TWIST ELEMENT—BLACK PAINTED STEEL


FINISH:

- POWDER COAT WHITE, RAL 9003
- MILL FINISH

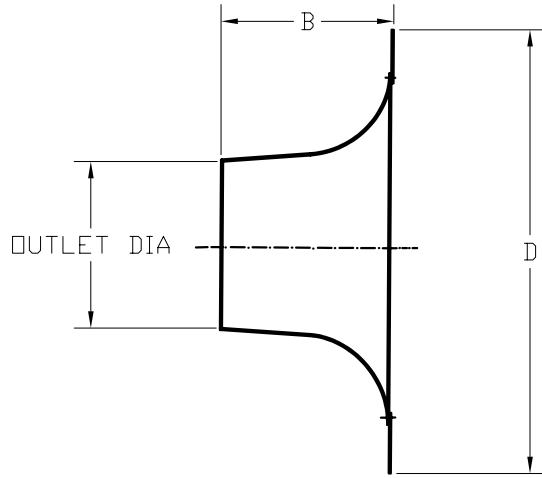
NOTES:

- E (MIN)—MINIMUM CLEARANCE

ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		PRICE [®]	
ENGINEER:		 244535	JNA/JNT JET NOZZLE ADJUSTABLE
CUSTOMER:			
SUBMITTAL DATE:	SPEC. SYMBOL:	JAN. 2007	

JN-JET NOZZLE



SIZE	D	OUTLET DIA	B
5"	4.65(118)	2.36(60)	3.15(80)
6"	5.98(152)	3.15(80)	3.70(94)
9"	9.37(238)	4.72(120)	5.19(132)
12"	11.81(300)	5.90(150)	6.22(158)
16"	16.14(410)	7.87(200)	8.15(207)
20"	19.68(500)	9.84(250)	9.68(246)


MATERIAL:

- NOZZLE – ALUMINUM

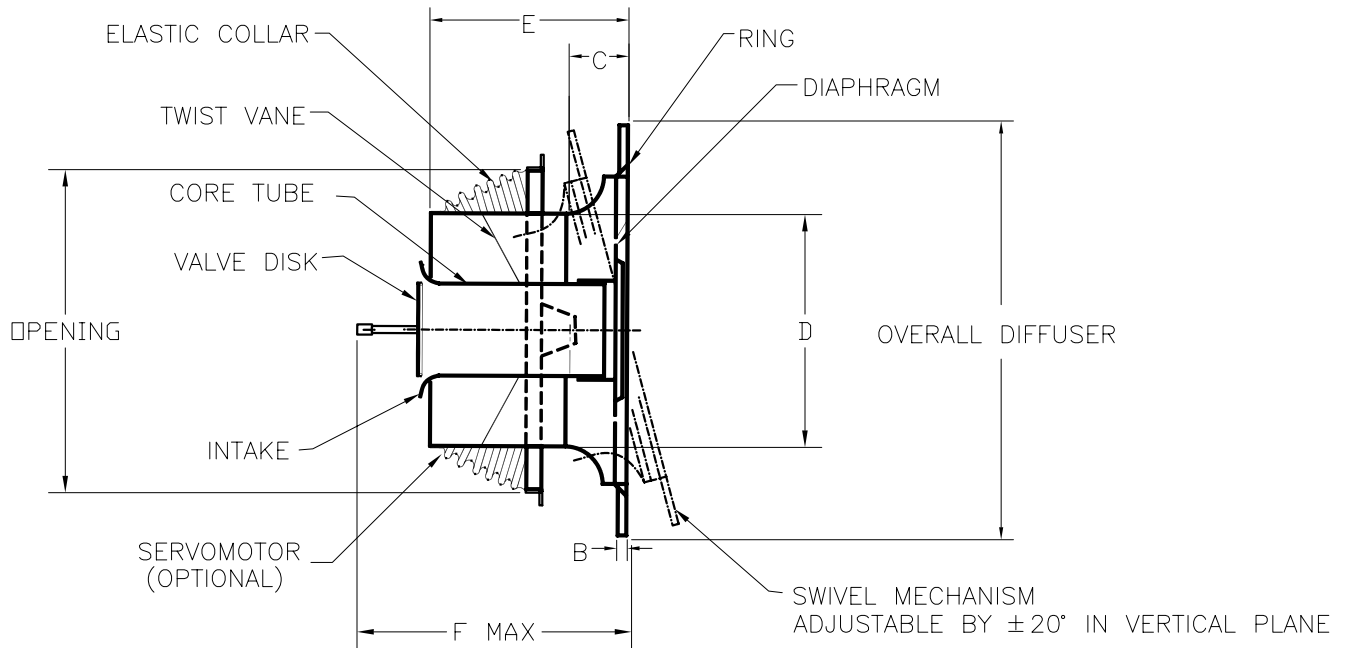
FINISH:

- POWDER COAT WHITE, RAL 9003
- MILL FINISH

ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		PRICE [®]	
ENGINEER:		 244466	JN JET NOZZLE
CUSTOMER:			
SUBMITTAL DATE:	SPEC. SYMBOL:	JAN. 2007	

**JTDA
JET TWIST DIFFUSER-ADJUSTABLE**



IMPERIAL / (METRIC) SCHEDULE

SIZE	D	OVERALL DIFFUSER	OPENING	B	C	E	F MAX
12	12.40 (315)	21.65 (550)	18.11 (460)	0.39 (10)	9.13 (232)	11.22 (285)	17.12 (435)
16	15.75 (400)	27.55 (700)	22.83 (580)	0.39 (10)	10.07 (256)	12.99 (330)	19.29 (490)
24	23.62 (600)	41.33 (1050)	32.28 (820)	0.59 (15)	12.59 (320)	19.68 (500)	27.87 (708)
28	27.95 (710)	49.01 (1245)	36.22 (920)	0.70 (18)	13.26 (337)	21.06 (535)	30.23 (767)

MATERIAL :

- OUTLET: ALUMINUM
- SWIVEL MECHANISM: STEEL
- ELASTIC COLLAR: AIRTIGHT, GRAY POLYESTER
- FABRIC: TEMPERATURE RESISTANT UP TO 176°F (80°C)

OPTIONS:

- RING
- SERVOMOTOR (ELECTRICAL ADJUSTMENT)
- MANUAL ADJUSTMENT

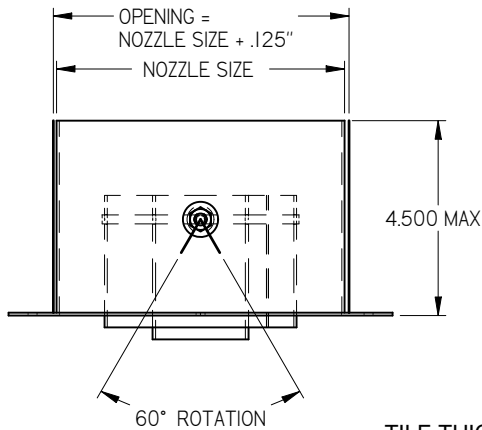
FINISH:

- POWDER COAT WHITE, RAL 9003

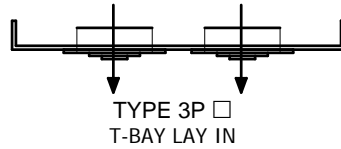
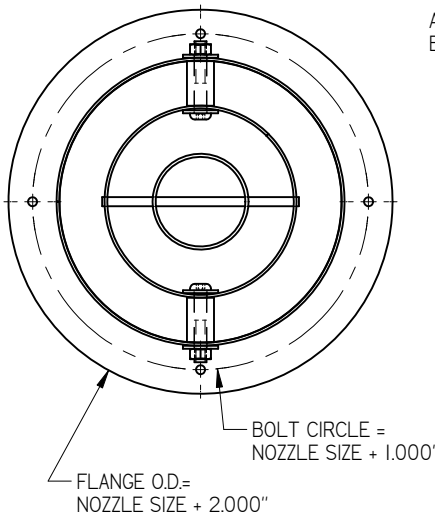
ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		PRICE [®]	
ENGINEER:			JTDA JET TWIST DIFFUSER ADJUSTABLE
CUSTOMER:			
SUBMITTAL DATE:	SPEC. SYMBOL:	JAN. 2007	

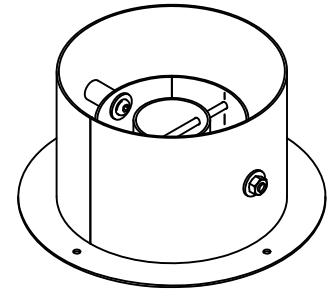
AND - AIR NOZZLE DIFFUSER



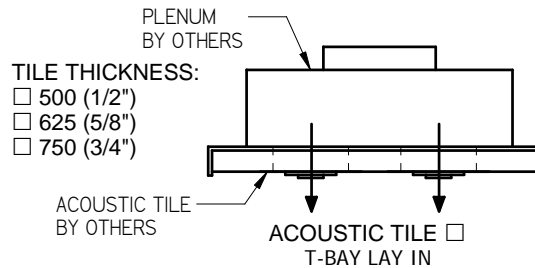
TYPE 1 □



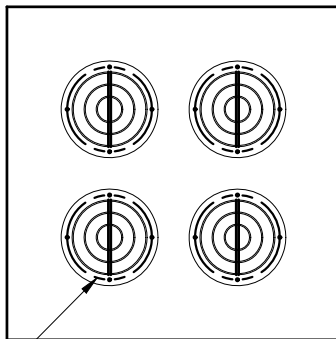
TYPE 3P □
T-BAY LAY IN



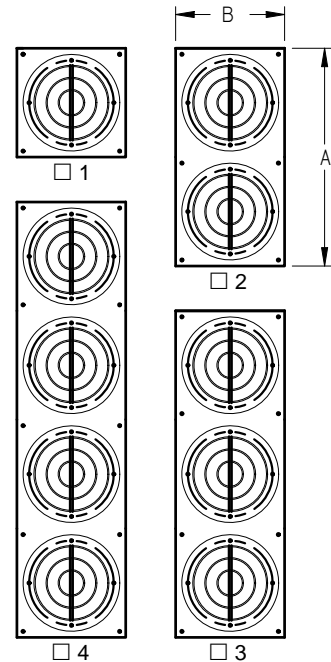
TYPE 1P □
SURFACE MOUNTED



TILE THICKNESS:
 500 (1/2")
 625 (5/8")
 750 (3/4")



PANEL SIZES
 24" X 24"
 26" X 26"
 28" X 28"
 30" X 30"



STANDARD PANEL SIZES PER NOZZLE DIAMETER AND QUANTITY

NOZZLE DIAMETER (ND)	A				B
	1	2	3	4	
<input type="checkbox"/> 5	8	17	25	33	8
<input type="checkbox"/> 6	10	19	28	37	10
<input type="checkbox"/> 8	12	23	34	45	12
<input type="checkbox"/> 10	14	27	40	53	14
<input type="checkbox"/> 12	16	31	46	61	16
<input type="checkbox"/> 14	18	35	52	69	18
<input type="checkbox"/> 15	19	37	55	73	19
<input type="checkbox"/> 16	20	39	58	77	20

STANDARD NOZZLE CONSTRUCTION:
 • 16 GAUGE COLD ROLLED STEEL

FINISH:
 B12 WHITE
 (OPTIONAL FINISHES AVAILABLE)

NOZZLE SIZE (DIAMETER):
 5" 12"
 6" 14"
 8" 15"
 10" 16"

NOTES:
 • FACTORY TOLERANCE ±1/32" (1)
 • LARGER SIZES OF 1P PANEL AVAILABLE AS SPL.

ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE:

SPEC. SYMBOL:

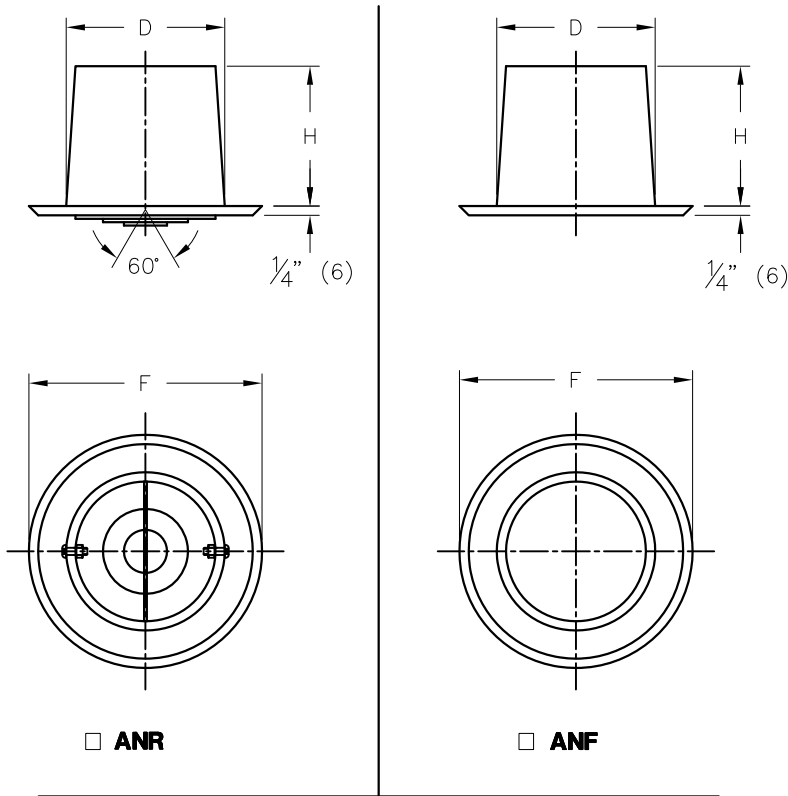


AND
AIR NOZZLE DIFFUSER

242155

MAY 2009

AN SERIES - AIR NOZZLE



Model		D	F	H
ANR	<input type="checkbox"/> ANR-03	3	5¼	3½
	<input type="checkbox"/> ANR-04	4	6¼	3½
	<input type="checkbox"/> ANR-05	5	7¼	4
	<input type="checkbox"/> ANR-06	6	8¼	2¼
	<input type="checkbox"/> ANR-08	8	10¼	2¼
	<input type="checkbox"/> ANR-10	10	12¼	2¼
	<input type="checkbox"/> ANR-12	12	14¼	2¼
	<input type="checkbox"/> ANR-14	14	16¼	2¼
	<input type="checkbox"/> ANR-16	16	18¼	2¼
ANF	<input type="checkbox"/> ANF-03	3	5¼	3½
	<input type="checkbox"/> ANF-04	4	6¼	3½
	<input type="checkbox"/> ANF-05	5	7¼	4
	<input type="checkbox"/> ANF-06	6	8¼	2¼
	<input type="checkbox"/> ANF-08	8	10¼	2¼
	<input type="checkbox"/> ANF-10	10	12¼	2¼
	<input type="checkbox"/> ANF-12	12	14¼	2¼
	<input type="checkbox"/> ANF-14	14	16¼	2¼
	<input type="checkbox"/> ANF-16	16	18¼	2¼

MATERIAL :

- ALUMINUM CONSTRUCTION

NOTES:

- CAN BE USED IN SUPPLY OR EXHAUST APPLICATIONS.
- PATTERN ADJUSTABILITY UP TO 30 DEGREES AND FINGER TIP DIRECTIONAL ADJUSTMENT (ANR ONLY).
- AVAILABLE SIZES : 3", 4", 5", 6", 8", 10", 12", 14", & 16".
- SIZES 3", 4" AND 5" SUPPLIED WITH CONCEALED "EZ" FASTENER.
- SIZES 6" - 16" SUPPLIED WITH CONCEALED MOUNTING RING.
- FACTORY TOLERANCE ± 1/16" (2).

OPTION:

- ANR - AIR NOZZLE WITH CORE
- ANF - AIR NOZZLE WITHOUT CORE

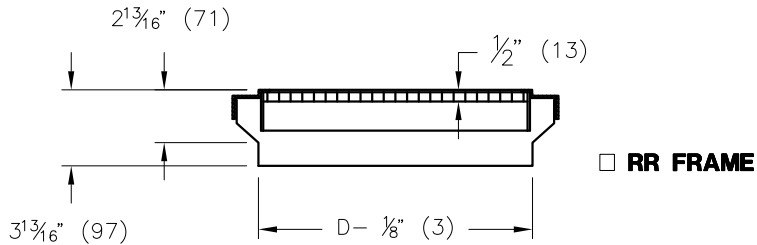
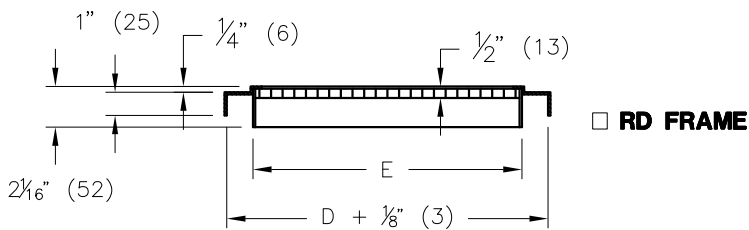
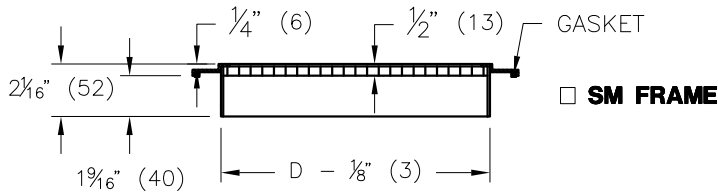
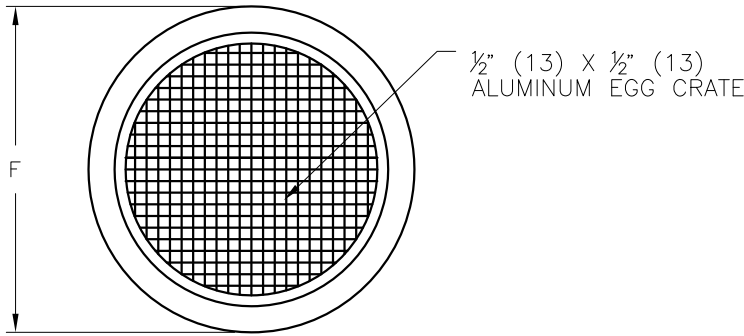
FINISH :

- B12 WHITE
(OPTIONAL FINISHES AVAILABLE)

ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		PRICE [®]	
ENGINEER:			AN SERIES ANF/ ANR - AIR NOZZLE WITH AND WITHOUT CORE
CUSTOMER:		255289	
SUBMITTAL DATE:	SPEC. SYMBOL:	2010/08/19	

RECG - ROUND EGG CRATE GRILLE



	SM Frame		RD Frame			RR Frame	
SIZE	D	F	D	E	F	D	F
6	6	8 1/4	8	6	8 1/4	6	8 1/4
8	8	10 1/4	10	8	10 1/4	8	10 1/4
10	10	12 1/4	12	10	12 1/4	10	12 1/4
12	12	14 1/4	14	12	14 1/4	12	14 1/4
14	14	16 1/4	16	14	16 1/4	14	16 1/4
16	16	18 1/4	18	16	18 1/4	16	18 1/4
18	18	20 1/4	20	18	20 1/4	18	20 1/4
20	20	22 1/4	22	20	22 1/4	20	22 1/4
22	22	24 1/4	24	22	24 1/4	22	24 1/4
24	24	26 1/4	26	24	26 1/4	24	26 1/4

NOTES:

- AVAILABLE SIZES : MIN. 6", MAX. 24", 2" INCREMENTS.
- CAN BE USED AS SUPPLY, RETURN OR EXHAUST GRILLE.
- FACTORY TOLERANCE ± 1/16" (2).

MATERIAL :

- HEAVY GAUGE ALUMINUM CONSTRUCTION
- 1/2"x1/2" ALUMINUM EGG CRATE
- FOAM GASKET

OPTION:

- SM FRAME - WALL / CEILING MOUNT
- RD FRAME - EXPOSED ROUND DUCT
- RR FRAME - ROUND REDUCER

FINISH :

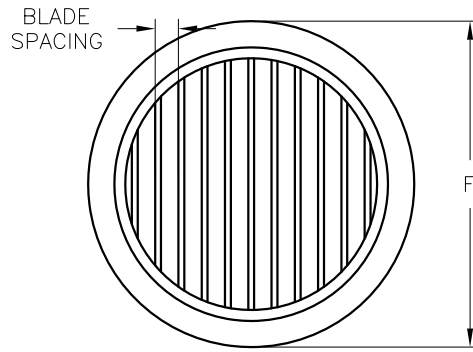
- B12 WHITE
(OPTIONAL FINISHES AVAILABLE)

ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

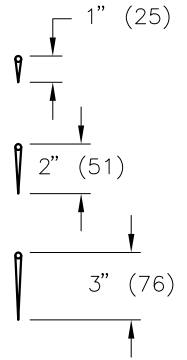
PROJECT:		PRICE®	
ENGINEER:			
CUSTOMER:		255290	RECG ROUND EGG CRATE GRILLE
SUBMITTAL DATE:	SPEC. SYMBOL:	2010/08/19	

RSG - ROUND SUPPLY GRILLE

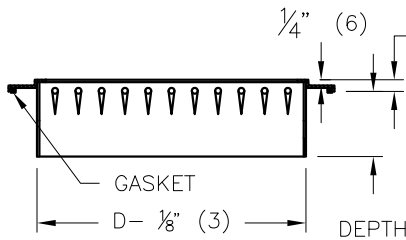
BLADE SPACING



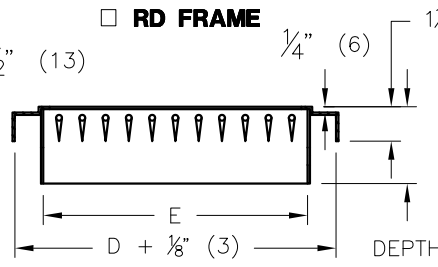
- 1" BLADE SPACING
- 2" BLADE SPACING
- 3" BLADE SPACING SINGLE DEFLECTION (SD) ONLY



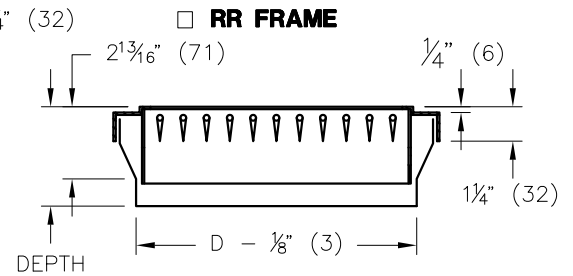
SM FRAME



RD FRAME



RR FRAME



SIZE	D	F
** 6	6	8 1/4
* 8	8	10 1/4
* 10	10	12 1/4
* 12	12	14 1/4
* 14	14	16 1/4
16	16	18 1/4
18	18	20 1/4
20	20	22 1/4
22	22	24 1/4
24	24	26 1/4
*** 30	30	32 1/4

* SIZES 6 TO 14 NOT AVAILABLE IN SD 3"
 ** SIZE 6 NOT AVAILABLE IN SD AND DD 2"
 *** SIZE 30 NOT AVAILABLE IN SD 1"

DEPTH

DD MODEL WITH 2" BLADE SPACING IS 4 5/16" DEEP
 ALL OTHERS ARE 2 5/16" DEEP

SIZE	D	E	F
** 6	8	6	8 1/4
* 8	10	8	10 1/4
* 10	12	10	12 1/4
* 12	14	12	14 1/4
* 14	16	14	16 1/4
16	18	16	18 1/4
18	20	18	20 1/4
20	22	20	22 1/4
22	24	22	24 1/4
24	26	24	26 1/4
*** 30	32	30	32 1/4

* SIZES 6 TO 14 NOT AVAILABLE IN SD 3"
 ** SIZE 6 NOT AVAILABLE IN SD AND DD 2"
 *** SIZE 30 NOT AVAILABLE IN SD 1"

DEPTH

DD MODEL WITH 2" BLADE SPACING IS 4 5/16" DEEP
 ALL OTHERS ARE 3 5/16" DEEP

SIZE	D	F
** 6	6	8 1/4
* 8	8	10 1/4
* 10	10	12 1/4
* 12	12	14 1/4
* 14	14	16 1/4
16	16	18 1/4
18	18	20 1/4
20	20	22 1/4
22	22	24 1/4
24	24	26 1/4

* SIZES 6 TO 14 NOT AVAILABLE IN SD 3"
 ** SIZE 6 NOT AVAILABLE IN SD AND DD 2"

DEPTH

DD MODEL WITH 2" BLADE SPACING IS 4 5/16" DEEP
 ALL OTHERS ARE 3 13/16" DEEP

MATERIAL :

- ALUMINUM CONSTRUCTION

FINISH :

- DURABLE POWDER COAT FINISH (STANDARD)
(OPTIONAL FINISHES AVAILABLE)

NOTES:

- INDIVIDUALLY ADJUSTABLE BLADES.
- AVAILABLE SIZES : MIN. 6", MAX. 24", 2" INCREMENTS.
- FACTORY TOLERANCE ± 1/16" (2)

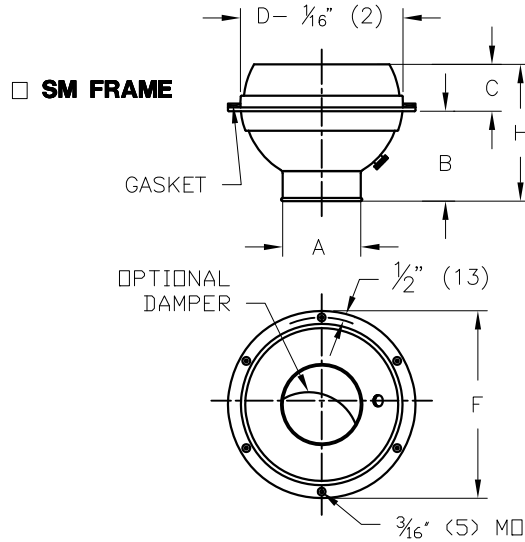
ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

OPTION:

- SM FRAME - WALL / CEILING MOUNT
- RD FRAME - EXPOSED ROUND DUCT
- RR FRAME - ROUND REDUCER
- SINGLE DEFLECTION (SD)
(AVAILABLE WITH 1", 2" AND 3" MODELS)
- DOUBLE DEFLECTION (DD)
(AVAILABLE WITH 1" AND 2" MODELS)

PROJECT:		PRICE®	
ENGINEER:			RSG
CUSTOMER:		255291	ROUND SUPPLY GRILLE
SUBMITTAL DATE:	SPEC. SYMBOL:	2010/08/19	

ND - AIR NOZZLE DIFFUSERS



SIZE	A	B	C	D	F	H	Mtg Holes
* 3	1 ⁵ / ₈	1 ³ / ₄	1 ⁵ / ₁₆	3	5	2 ¹ / ₁₆	3
4	2	2 ⁹ / ₁₆	3 ³ / ₄	4	6	3 ⁵ / ₁₆	3
6	3	3 ¹ / ₁₆	1 ⁷ / ₁₆	6	8	4 ¹ / ₂	4
8	4 ³ / ₈	4 ¹ / ₄	1 ³ / ₄	8	10	6	4
10	5 ³ / ₄	5 ¹ / ₂	2 ⁷ / ₈	10	12	8 ³ / ₈	6
12	7 ³ / ₈	6	3	12	14	9	6
14	8 ⁵ / ₈	7 ⁷ / ₈	4 ¹ / ₈	14	16	11 ¹ / ₄	6
16	9 ³ / ₄	8 ¹ / ₄	4 ³ / ₄	16	18	13	6
18	10 ¹ / ₂	9 ¹ / ₂	4 ¹ / ₄	18	20	13 ³ / ₄	8
20	12 ³ / ₈	10 ⁷ / ₈	4 ⁷ / ₈	20	22	15 ³ / ₄	8

* DAMPER NOT AVAILABLE ON 3" UNIT

MATERIAL :

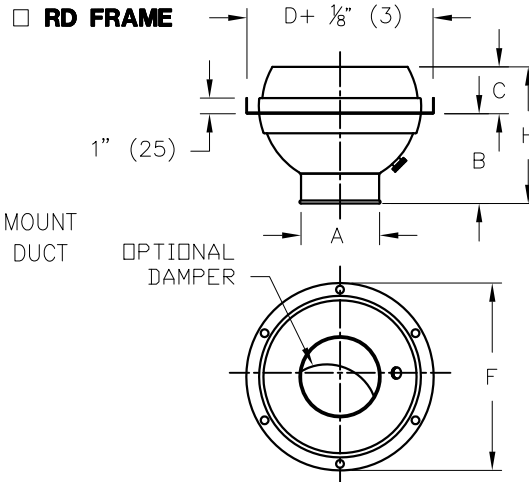
- ALUMINUM CONSTRUCTION

OPTION:

- SM FRAME - WALL / CEILING MOUNT
- RD FRAME - EXPOSED ROUND DUCT
- RR FRAME - ROUND REDUCER

FINISH :

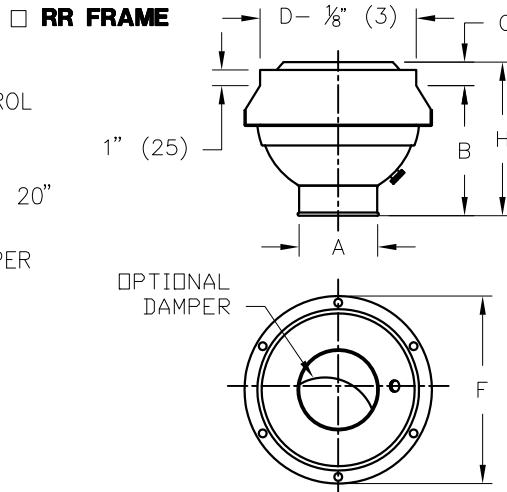
- B12 WHITE (STANDARD)
- (OPTIONAL FINISHES AVAILABLE)



SIZE	A	B	C	D	F	H
4	2	2 ⁹ / ₁₆	3 ³ / ₄	6	6	3 ⁵ / ₁₆
6	3	3 ¹ / ₁₆	1 ⁷ / ₁₆	8	8	4 ¹ / ₂
8	4 ³ / ₈	4 ¹ / ₄	1 ³ / ₄	10	10	6
10	5 ³ / ₄	5 ¹ / ₂	2 ⁷ / ₈	12	12	8 ³ / ₈
12	7 ³ / ₈	6	3	14	14	9
14	8 ⁵ / ₈	7 ⁷ / ₈	4 ¹ / ₈	16	16	11 ¹ / ₄
16	9 ³ / ₄	8 ¹ / ₄	4 ³ / ₄	18	18	13
18	10 ¹ / ₂	9 ¹ / ₂	4 ¹ / ₄	20	20	13 ³ / ₄
20	12 ³ / ₈	10 ⁷ / ₈	4 ⁷ / ₈	22	22	15 ³ / ₄

NOTES:

- DIRECTIONAL AIR PATTERN CONTROL
- ± 30° DEFLECTION
- 360° ROTATION
- AVAILABLE SIZES : MIN. 6", MAX. 20" 2" INCREMENTS
- OPTIONAL APERTURE STYLE DAMPER
- 3 MOUNTING FRAMES
- FACTORY TOLERANCE ± 1/16" (2)

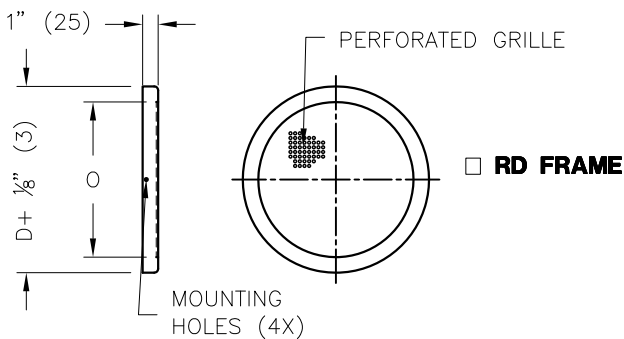
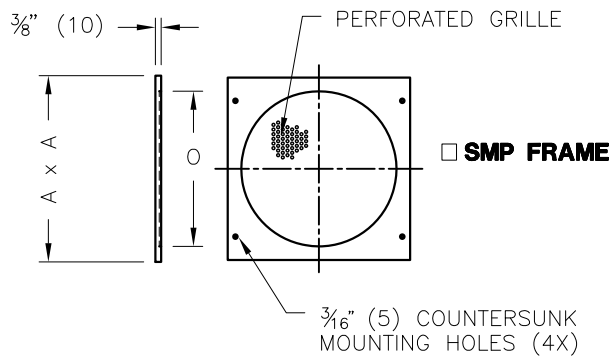
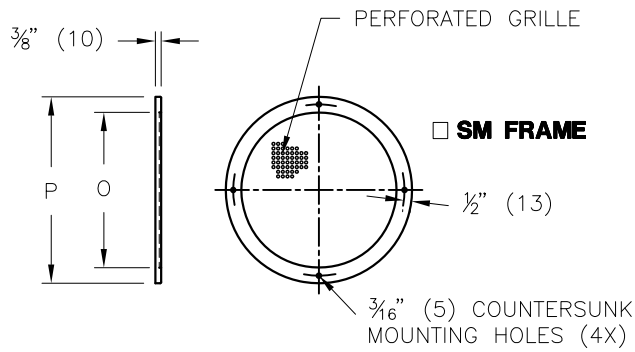


SIZE	A	B	C	D	F	H
6	3	5 ⁹ / ₁₆	1	6	8	6 ⁹ / ₁₆
8	4 ³ / ₈	6 ³ / ₄	1	8	10	7 ³ / ₄
10	5 ³ / ₄	8	1	10	12	9
12	7 ³ / ₈	8 ¹ / ₂	1	12	14	9 ¹ / ₂
14	8 ⁵ / ₈	9 ⁵ / ₈	1 ⁵ / ₈	14	16	11 ¹ / ₄
16	9 ³ / ₄	10 ³ / ₄	2 ¹ / ₄	16	18	13
18	10 ¹ / ₂	12	1 ³ / ₄	18	20	13 ³ / ₄
20	12 ³ / ₈	13 ³ / ₈	2 ³ / ₈	20	22	15 ³ / ₄

ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		PRICE [®]	
ENGINEER:			
CUSTOMER:		AIR NOZZLE DIFFUSERS	
SUBMITTAL DATE:		255292	
SPEC. SYMBOL:		2010/08/20	

RPG - ROUND PERFORATED GRILLE



MATERIAL :

- ALUMINUM CONSTRUCTION

NOTES:

- CAN BE USED AS SUPPLY, RETURN OR EXHAUST GRILLE.
- AVAILABLE SIZES : 4", 5", 6", 8", 10", 12", 14" & 16".
- 3 MOUNTING FRAMES
- FACTORY TOLERANCE $\pm 1/16"$ (2)

	SM Frame			SMP Frame		RD Frame	
SIZE	Opening Size O	Duct Size D	Panel Size P	Duct Size Dx D	Panel Size Ax A	Opening Size O	Duct Size D
4	4	4	6	4x4	6x6	4	6
5	5	5	8	5x5	8x8	5	6
6	6	6	8	6x6	8x8	6	8
8	8	8	10	8x8	10x10	8	10
10	10	10	12	10x10	12x12	10	12
12	12	12	14	12x12	14x14	12	14
14	14	14	16	14x14	16x16	14	16
16	16	16	18	16x16	18x18	16	18

OPTION:

- SM FRAME – WALL / CEILING MOUNT
- SMP FRAME – WALL / CEILING MOUNT
- RD FRAME – EXPOSED ROUND DUCT

FINISH :

- B12 WHITE (STANDARD)
- (OPTIONAL FINISHES AVAILABLE)

ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		PRICE®	
ENGINEER:			
CUSTOMER:		RPG	
SUBMITTAL DATE:		ROUND PERFORATED GRILLE	
SPEC. SYMBOL:		255293	
		2010/08/20	