DIAAC-R MODEL

GALVANNEAL SUPPLY ROUND DIFFUSER ADJUSTABLE, HIGH AIR HANDLING CAPACITY WITH ROUND FRAME

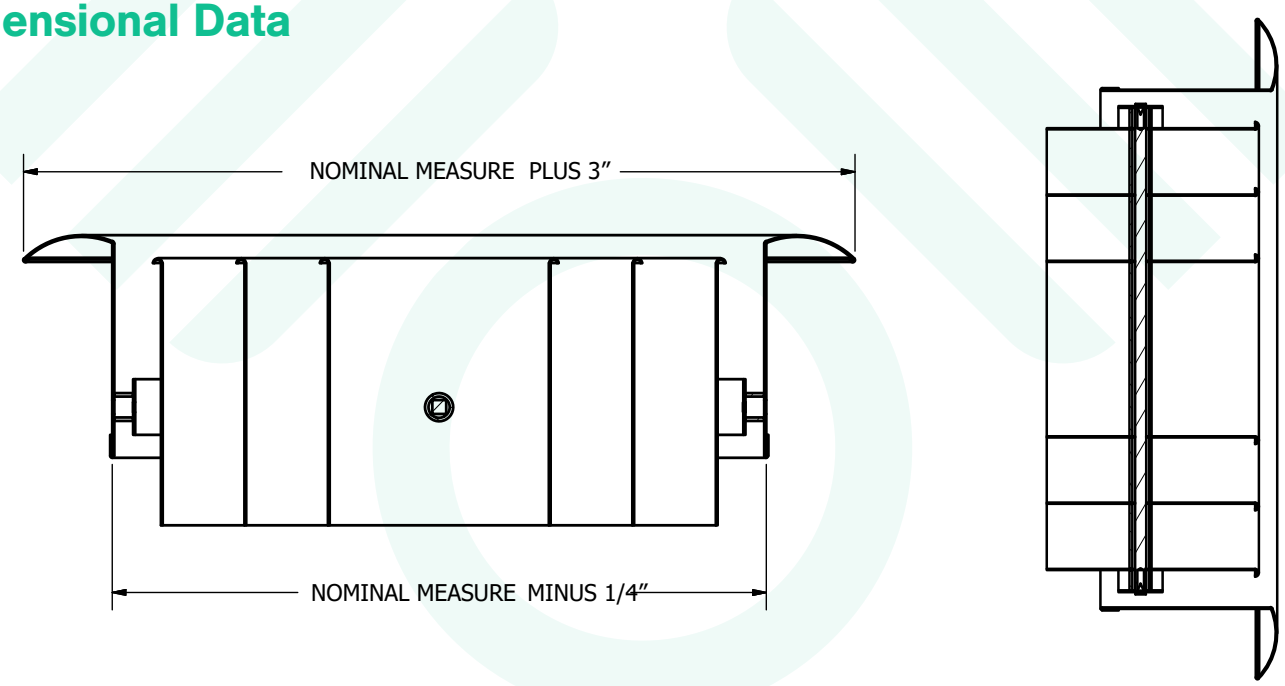
- For HVAC systems.
- Excellent performance and unique aesthetics.
- It allows long and short throws.
- The air patterns of these diffusers are adjustable.
- Easy installation
- They are assembled with elements from 8 to 16 inches of diameter

Galvanneal steel structure.

FINISH: Standard white Anodic acrylic paint.
Other colors available.

Maximum diameter of 1 piece 16 "
Minimum diameter of 1 piece: 8”

Dimensional Data



ADJUSTABLE ROUND INJECTION DIFFUSER
HIGH AIR HANDLING CAPACITY

DIAAC-R MODEL

NECK SIZE	EXTERIOR WIDTH	INTERIOR WIDTH
8”	11”	7 3/4”
10”	13”	9 3/4”
12”	15”	11 3/4”
14”	17”	13 3/4”
16”	19”	15 3/4”

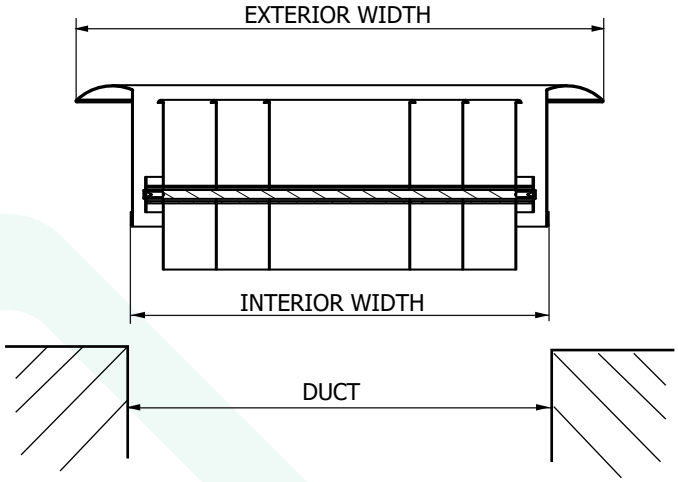


TABLE PERFORMANCE DATA

DIAMETER SIZE	OUTLET VELOCITY (FT/MIN)	400	500	600	700	800	1000	1200	1400
	TOTAL PRESSURE (TP)	0.010	0.015	0.021	0.030	0.040	0.062	0.089	0.121
8"	CFM / Feet	140	180	210	250	280	350	420	490
	THROW - FT	18- 17	21 - 18	22 - 21	25 - 22	26 - 23	29 - 26	30 - 26	31 - 29
	NC	-	16	18	20	24	29	34	38
10"	CFM / Feet	220	280	330	390	440	550	660	770
	THROW - FT	24- 20	25 - 21	28 - 25	31 - 27	32 - 29	35 - 32	37 - 34	40 - 36
	NC	-	15	19	20	16	23	29	35
12"	CFM / Feet	320	400	480	550	630	790	950	1100
	THROW - FT	27- 24	28 - 27	30 - 28	35 - 31	35 - 32	42 - 39	32 - 39	35 - 42
	NC	-	-	-	19	21	29	35	41
14"	CFM / Feet	430	540	650	750	860	1070	1290	1500
	THROW - FT	31- 27	33 - 32	37 - 33	40 - 37	42 - 38	43 - 40	53 - 47	60 - 51
	NC	-	-	15	18	23	27	30	38
16"	CFM / Feet	560	700	840	980	1120	1400	1680	1960
	THROW - FT	33- 32	39 - 36	41 - 39	43 - 41	46 - 43	55 - 48	62 - 54	70 - 61
	NC	-	-	-	15	17	25	31	36

*** NOTES:**
TP, IS TOTAL PRESSURE IN INCHES OF WATER COLUMN