



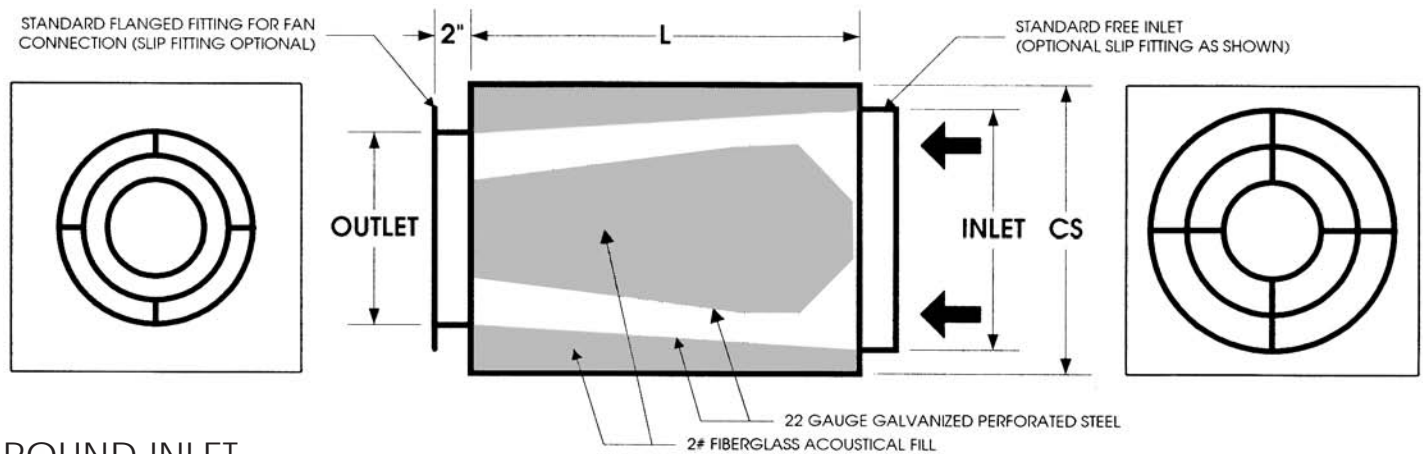
# "The ART of Noise Control"

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## Advanced Acoustical Inlet Cone

NO. 410-97

### FOR NEW PHILADELPHIA (formerly JOY) AXIVANE FANS



### ROUND INLET

MODEL NUMBER	OUTLET DIA.	INLET DIA.	CASING SIDE	LENGTH	MAXIMUM CFM	SILENCER SIZE CLASS
AAIC-J23R	23.25	48	55	47	16,000	A
AAIC-J25R	25.25	52	59	50	19,000	A
AAIC-J27R	27.25	56	63	54	22,000	A
AAIC-J29R	29.25	60	67	58	25,000	A
AAIC-J32R	32.00	66	73	64	30,000	B
AAIC-J34R	34.00	70	77	68	34,000	B
AAIC-J36R	36.00	74	81	71	38,000	B
AAIC-J38R	38.00	78	85	75	43,000	B
AAIC-J42R	42.25	86	93	82	52,000	B
AAIC-J45R	45.00	93	100	90	60,000	C
AAIC-J48R	48.00	98	105	94	68,000	C
AAIC-J54R	54.00	110	117	105	85,000	C
AAIC-J60R	60.00	122	129	116	105,000	D
AAIC-J66R	66.00	134	141	127	127,000	D
AAIC-J72R	72.00	147	154	141	152,000	D

FOR LARGER NEW PHILADELPHIA FANS, PLEASE CONSULT FACTORY

SILENCER SIZE CLASS	DYNAMIC INSERTION LOSS, dB (@ 1500 fpm) OCTAVE BAND CENTER FREQUENCY, Hz							
	63	125	250	500	1000	2000	4000	8000
A	2	6	12	21	25	25	14	11
B	3	10	16	23	25	25	14	11
C	7	14	19	28	28	22	20	14
D	9	18	18	31	31	28	20	20

FOR EACH +1500 FPM OVER 1500, ADD +1 dB PER BAND

### TOTAL PRESSURE DROP (inches w.g.)

