

# Advanced Acoustical Inlet Cone

NO. 420-97

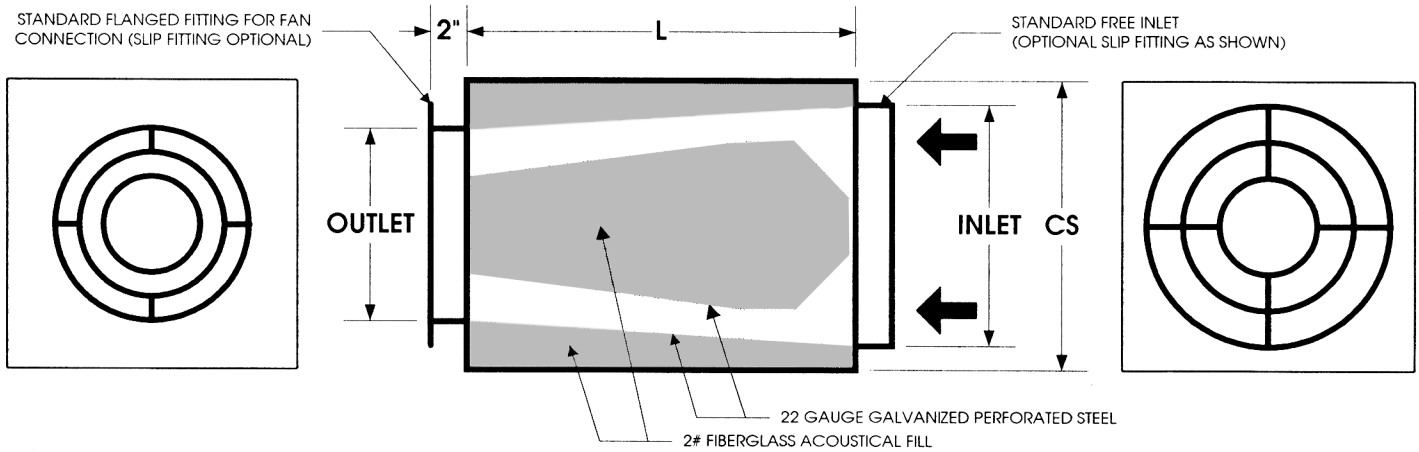


Commercial Acoustics

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A DIVISION OF METAL FORM MANUFACTURING

## FOR WOODS VAROFOIL FANS



## ROUND INLET

MODEL NUMBER	OUTLET DIA.	INLET DIA.	CASING SIDE	LENGTH	MAXIMUM CFM	SILENCER SIZE CLASS
AAIC-W63R	24.75	51	58	50	18,000	A
AAIC-W71R	28.00	57	64	55	23,000	A
AAIC-W80R	31.50	64	71	61	29,000	B
AAIC-W90R	35.50	73	80	71	37,000	B
AAIC-W100R	39.50	81	88	78	46,000	B
AAIC-W112R	44.00	90	91	86	57,000	C
AAIC-W125R	49.25	101	108	97	71,000	C
AAIC-W140R	55.00	113	120	109	89,000	D
AAIC-W160R	63.00	128	135	122	116,000	D
AAIC-W180R	71.00	145	152	139	147,000	D

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

