

Advanced Acoustical Discharge Cone

NO. 421-12

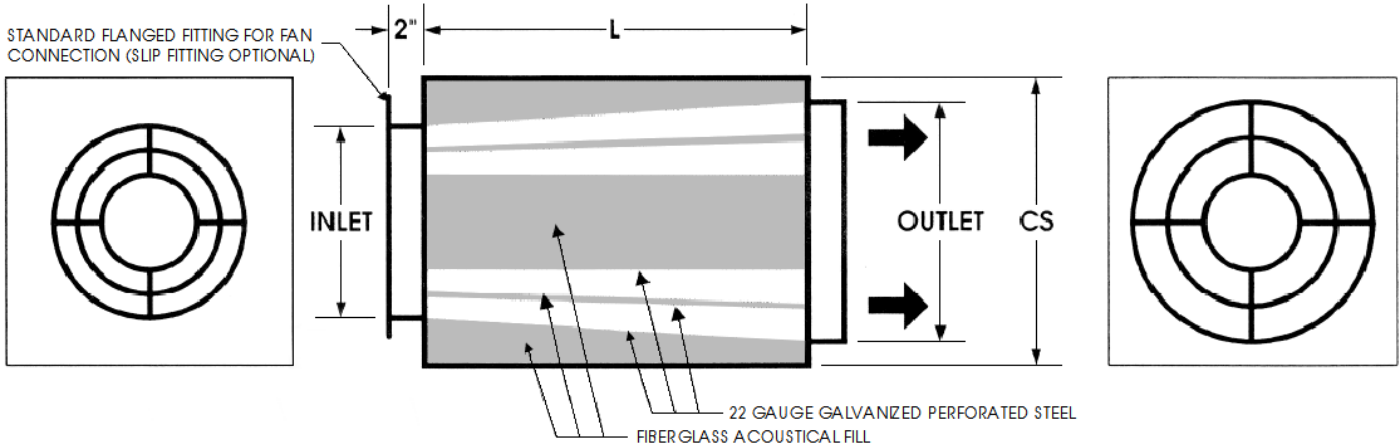


Commercial Acoustics
5960 W. WASHINGTON STREET
PHOENIX, ARIZONA 85043-3523
(602) 233-2322 FAX 233-2033

A DIVISION OF METAL FORM MANUFACTURING

FOR WOODS VAROFOIL FANS

Supersedes NO. 421-97



ROUND OUTLET

MODEL NUMBER	INLET DIA.	OUTLET DIA.	CASING SIZE	LENGTH	SUGGESTED CFM RANGE
AADC-W63R	24.75	33	40	36	5,000 TO 18,000
AADC-W71R	28	36	43	36	6,000 TO 23,000
AADC-W80R	31.5	41	48	42	8,000 TO 29,000
AADC-W90R	35.5	45	52	42	10,000 TO 37,000
AADC-W100R	39.5	49	56	42	12,000 TO 46,000
AADC-W112R	44	55	62	48	15,000 TO 57,000
AADC-W125R	49.25	60	67	48	18,000 TO 71,000
AADC-W140R	55	68	75	60	23,000 TO 89,000
AADC-W160R	63	76	83	60	29,000 TO 116,000
AADC-W180R	71	84	91	60	37,000 TO 147,000

FOR LARGER FANS, PLEASE CONSULT FACTORY

ENTERING AIR FLOW	DYNAMIC INSERTION LOSS, dB OCTAVE BAND CENTER FREQUENCY							
	63	125	250	500	1000	2000	4000	8000
1500 fpm	4	11	18	27	32	28	16	12
3000 fpm	3	10	16	26	33	29	17	13
4500 fpm	2	9	17	25	32	30	17	12
6000 fpm	1	8	16	24	31	29	16	11

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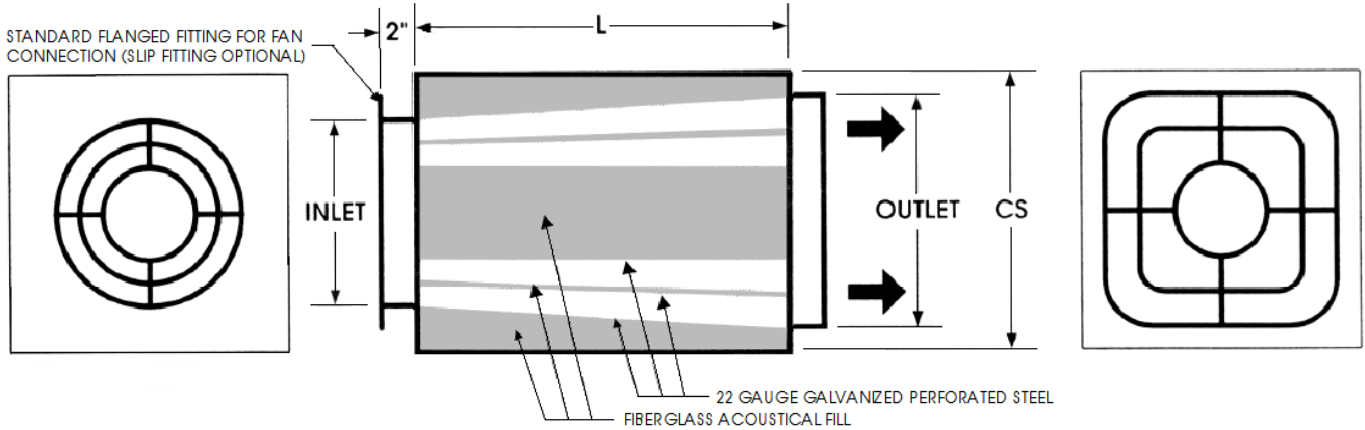


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SQUARE OUTLET

MODEL NUMBER	INLET DIA.	OUTLET DIA.	CASING SIZE	LENGTH	SUGGESTED CFM RANGE
AADC-W63S	24.75	30	37	36	5,000 TO 18,000
AADC-W71S	28	33	40	36	6,000 TO 23,000
AADC-W80S	31.5	37	44	42	8,000 TO 29,000
AADC-W90S	35.5	41	48	42	10,000 TO 37,000
AADC-W100S	39.5	44	51	42	12,000 TO 46,000
AADC-W112S	44	50	57	48	15,000 TO 57,000
AADC-W125S	49.25	54	61	48	18,000 TO 71,000
AADC-W140S	55	62	69	60	23,000 TO 89,000
AADC-W160S	63	69	76	60	29,000 TO 116,000
AADC-W180S	71	76	83	60	37,000 TO 147,000

FOR LARGER FANS, PLEASE CONSULT FACTORY

ENTERING AIR FLOW	DYNAMIC INSERTION LOSS, dB OCTAVE BAND CENTER FREQUENCY							
	63	125	250	500	1000	2000	4000	8000
1500 fpm	4	11	18	27	32	28	16	12
3000 fpm	3	10	16	26	33	29	17	13
4500 fpm	2	9	17	25	32	30	17	12
6000 fpm	1	8	16	24	31	29	16	11