

Advanced Acoustical Discharge Cone

NO. 412-97



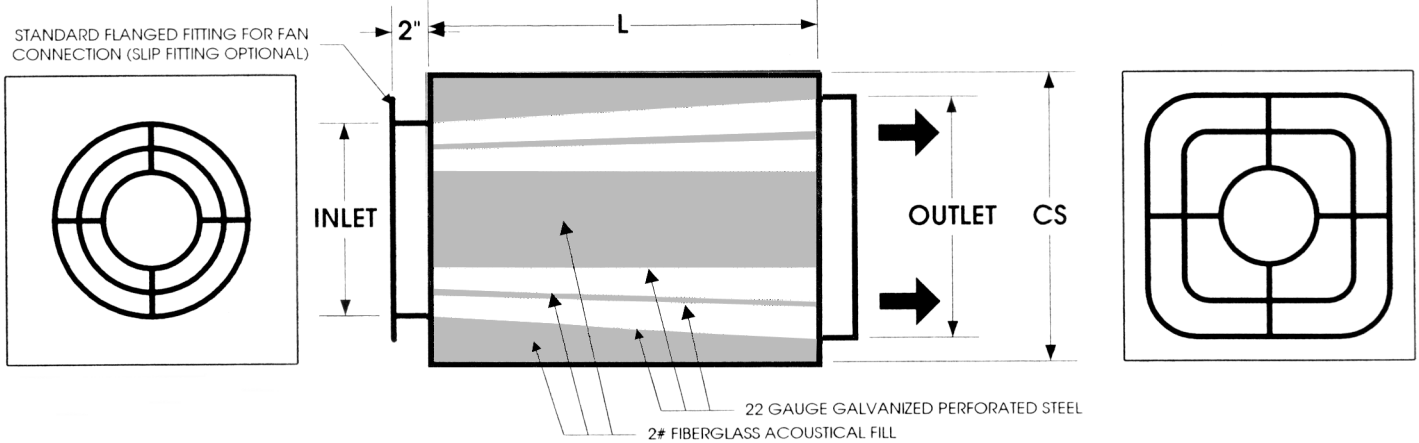
Commercial Acoustics

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A DIVISION OF METAL FORM MANUFACTURING

FOR NEW PHILADELPHIA (formerly JOY) AXIVANE FANS

STANDARD FLANGED FITTING FOR FAN CONNECTION (SLIP FITTING OPTIONAL)



SQUARE OUTLET

MODEL NUMBER	OUTLET DIA.	INLET DIA.	CASING SIDE	LENGTH	MAXIMUM CFM
AADC-J23S	23.25	28	35	36	4,000 TO 16,000
AADC-J25S	25.25	30	37	36	5,000 TO 19,000
AADC-J27S	27.25	32	39	36	6,000 TO 22,000
AADC-J29S	29.25	34	41	36	7,000 TO 25,000
AADC-J32S	32.00	38	45	42	8,000 TO 30,000
AADC-J34S	34.00	39	46	42	9,000 TO 34,000
AADC-J36S	36.00	41	48	42	10,000 TO 38,000
AADC-J38S	38.00	43	50	42	11,000 TO 43,000
AADC-J42S	42.25	48	51	48	13,000 TO 52,000
AADC-J45S	45.00	51	59	48	15,000 TO 60,000
AADC-J48S	48.00	53	60	48	17,000 TO 68,000
AADC-J54S	54.00	61	68	60	22,000 TO 85,000
AADC-J60S	60.00	67	74	60	27,000 TO 105,000
AADC-J66S	66.00	72	79	60	32,000 TO 127,000
AADC-J72S	72.00	77	84	60	38,000 TO 152,000

FOR LARGER NEW PHILADELPHIA FANS, PLEASE CONSULT FACTORY

ENTERING AIR FLOW	DYNAMIC INSERTION LOSS, dB							
	OCTAVE BAND CENTER FREQUENCY, Hz							
	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

TOTAL PRESSURE DROP (inches w.g.)

