



# COOK

# Sound Muffler

DATE: \_\_\_\_\_

Accessory Data Sheet

PROJECT: \_\_\_\_\_

AFB/AFD

LOCATION: \_\_\_\_\_

**DIMENSION DATA**

Size	A	B	C	D	E	F	G	H	J	Ship Wt.
12	13-5/16	17-1/2	14-5/8	21	-	-	6	5/16 x 5/8	6	57
14	15-5/16	19-1/2	16-5/8	23	-	-	6	5/16 x 5/8	6	75
16	17-5/16	21-1/2	18-5/8	27	-	-	6	5/16 x 5/8	6	88
18	19-5/16	23-1/2	20-5/8	27	-	-	6	5/16 x 5/8	6	96
20	21-5/16	25-1/2	22-5/8	29	-	-	6	5/16 x 5/8	6	125
24	25-9/16	29-1/2	26-7/8	40	-	-	6	7/16 x 3/4	6	170
28	29-5/16	33-1/2	30-7/8	40	-	-	6	7/16 x 3/4	6	194
32	33-5/16	37-1/2	35	52	-	-	6	7/16 x 3/4	6	272
36	37-3/8	41-1/2	39	52	-	-	6	7/16 x 3/4	6	302
44	45-3/8	49-1/2	47-1/2	64	32	53-1/2	12	7/16 x 3/4	12	473
48	49-1/2	53-5/8	51-5/8	71	35-1/2	58-5/8	12	7/16 x 3/4	12	583
54	55-3/4	60	57-5/8	77	38-1/2	65	12	7/16 x 3/4	12	695
60	61-3/4	66	63-5/8	89	44-1/2	71	12	7/16 x 3/4	12	927

ALL DIMENSIONS IN INCHES. WEIGHTS IN LBS.

**STANDARD CONSTRUCTION FEATURES:**

Steel welded construction – Lorenized finish.

**NOTE:**

Sizes 12 thru 36 are one piece.

Sizes 44 thru 60 are two pieces bolted together.

**ENGINEERING DATA:**

**ESTIMATED ATTENUATION PER OCTAVE BAND**

OCTAVE BAND	1	2	3	4	5	6	7	8
ATTENUATION	0	1	3	10	13	12	10	8

MAXIMUM AIRSTREAM VELOCITY: 5000 FPM

MAXIMUM AIRSTREAM TEMPERATURE: 250°F

**APPROXIMATE REDUCTION IN SONE VALUES:**

1 MUFFLER 35%

2 MUFFLERS (1 on Inlet, 1 on Outlet) 50%

**ADDITIONAL STATIC PRESSURE LOSS:**

None Noticable

**GENERAL INSTALLATION GUIDELINES:**

Sound Muffler can be mounted on either the inlet or the outlet of the unit using the integral mounting flanges on the Sound Muffler. For best attenuation, mount the Sound Muffler between the fan and the listener. Use flexible duct connections between the Sound Muffler and the unit.

**LIMITS ON INSTALLATION:**

Not for use in moisture environments. Not available in Stainless Steel or Hi-Temp.

