



## DESCRIPTION

- The DSIE (Induced Air Dissipative Elbow Silencer) is an optional induced air inlet accessory for the High Capacity Horizontal Fan Coil Unit Model Series 35FH and is shipped loose for field attachment.
- The compact patent pending elbow design provides maximum acoustic attenuation by reducing radiated sound power levels.
- Silencer casing is constructed with 22 ga. (0.86) coated steel.
- Perforated angled baffles are 13% free area, 22 ga. (0.86) galvanized steel construction. Baffles are filled with fiberglass acoustic media.
- The silencer incorporates a slider-in-filter rack to accommodate a 1" (25) or 2" (51) MERV pleated filter.
- Silencer may be installed in one of two orientations with top entry or bottom entry induced air.

## Dimensional Data

Unit Size	W	H	L	Filter Size W x H
<b>4, 6, 8</b>	20 (508)	19 1/8 (486)	16 1/8 (410)	20 x 16 (508 x 406)
<b>10, 12, 14, 16</b>	35 (889)	19 1/8 (486)	16 1/8 (410)	35 x 16 (889 x 406)
<b>18, 20, 24</b>	52 (1321)	19 1/8 (486)	16 1/8 (410)	52 x 16 (1321 x 406)
<b>30</b>	52 (1321)	23 3/4 (603)	22 1/8 (562)	52 x 22 (1321 x 559)
<b>40</b>	62 (1575)	23 3/4 (603)	22 1/8 (562)	62 x 22 (1575 x 559)

## Radiated Sound Deductions

	Sound Power Octave Band						Average NC Reduction
	2	3	4	5	6	7	
<b>Slanted Attenuator Deduct</b>	2	5	7	6	8	9	3-5

NOTE: Data based upon independent mock-up testing at Energistics Laboratory.

<b>SCHEDULE TYPE:</b>	Dimensions are in inches (mm)			
<b>PROJECT:</b>				
<b>ENGINEER:</b>	<b>DATE</b>	<b>B SERIES</b>	<b>SUPERSEDES</b>	<b>DRAWING NO.</b>
<b>CONTRACTOR:</b>	4 - 22 - 22	35F	NEW	35FH-DSIE