

SUGGESTED SPECIFICATION & CONFIGURATION

Furnish and install Krueger model ATNS single duct attenuator of the sizes shown in the plans.

Unit casing shall be constructed of not less than 20 gauge galvanized steel.

Unit connections shall be slip and drive construction for field attachment to LMHS single duct terminal units or existing duct work.

Unit labels shall be adhered to each unit including model size, length, duct size, and tagged data.

CASING LINERS

Unit casing shall be lined with 1/2" thick, 1 1/2 lb. dual density fiberglass insulation that meets UL 181 and NFPA 90A. Insulation shall be attached to the unit casing by adhesive and weld pins.

- **(Optional) 1" Thick Insulation:** Unit casing shall be lined with 1" thick, 1 1/2 lb. dual density fiberglass insulation that meets UL 181 and NFPA 90A. Insulation shall be attached to the unit casing by adhesive and weld pins.
- **(Optional) Cellular Insulation:** Unit casing shall be lined with 1/2" or 1" thick, 1 1/2 lb. density, smooth surface, polyolefin, closed-cell foam insulation for fiber free application. Cellular insulation meets UL 181 and NFPA 90A and does not support mold or bacteria growth. Insulation shall be attached to the unit casing by adhesive and weld pins. Units with electric reheat 1/2" cellular insulation is enclosed between the unit casing and a non-perforated internal sheet metal cover extending over the cellular insulation, as well as covering the liner cut edges.
- **(Optional) Steriliner Insulation:** Unit casing shall be lined with 13/16" thick, 4 lb. density, rigid board insulation with nylon reinforced foil covering insulation fibers that meets UL 181 and NFPA 90A. Liner shall be attached to unit casing by adhesive and weld pins with full-seam-length Z-strips to enclose and seal the insulation cut edges.
- **(Optional) Sterilwall Insulation:** Unit casing shall be lined with 1/2" or 1" thick, 1 1/2 lb. dual density fiberglass insulation that meets UL 181 and NFPA 90A, enclosed between the unit casing and a non-perforated internal sheet metal cover extending over the fiberglass insulation, as well as covering the liner cut edges.
- **(Optional) Perforated Doublewall Insulation:** Unit casing shall be lined with 1/2", 1 1/2 lb. dual density fiberglass insulation that meets UL 181 and NFPA 90A, enclosed between the unit casing and a perforated internal sheet metal cover extending over the fiberglass insulation, as well as covering the liner cut edges.

ACCESS PANEL

- **(Optional) Gasketed access panel** shall be located in the bottom panel (optional - top and bottom panels) of the attenuator casing to provide viewing and access to the inside of the duct work.

1. SERIES: (XXXX)

ATNS - Single Duct Attenuator

2. INLET: (XX)

04 - 4"	05 - 5"
06 - 6"	07 - 7"
08 - 8"	09 - 9"
10 - 10"	12 - 12"
14 - 14"	16 - 16"
22 - 24"x16"	

3. LENGTH: (XX)

12 - 12"	18 - 18"
24 - 24"	36 - 36"
48 - 10"	60 - 60"

4. LINER TYPE: (X)

- 0 - 1/2" Liner (Standard)
- 1 - 1" Liner
- 2 - Steriliner
- 4 - Sterilwall with 1/2" Dual Density
- 8 - Sterilwall with 1" Dual Density
- 6 - 1/2" Foil Encapsulated
- 9 - 1/2" Foil Encapsulated
- A - Perforated Doublewall with 1/2" Dual Density
- B - Perforated Doublewall with 1" Dual Density
- C - Perforated Doublewall with 1/2" Foil Encapsulated
- F - 1/2" Cellular
- H - 1" Cellular

5. UNIT ACCESSORIES: (X) (X) (X) *

- 0 - None
- 1 - Single Access Panel
- 2 - Double Access Panel
- P - Cam Locks (for Liner Codes 0,1,2,3,F, H)
- Y - Cam Locks (for Liner Codes 4,8,A,B,C)
- S - Hanger Brackets

* Unit accessory code '1' is not available with unit accessory code '2'.
Unit unit accessory code 'P' is not available with unit accessory code 'Y'.

SAMPLE CONFIGURATION: ATNS - 08 - 24 - 0 - 1PS