



**VAV TERMINAL UNITS
LINER OPTIONS
TYPE: STERI-LINER**

INSULATION CHARACTERISTICS

Material: Rigid board form fiberglass with a thermosetting resin. Fire resistant reinforced aluminum foil-scrim-kraft (FSK) facing.

Thickness: 13/16" (21). (37N, 37S, 37SST and 33SZ Size 30 Low Profile Fan Powered Terminal Units use 1/2" (13) material).

Density: 4.1 lb/cu.ft. (66 kg/m³).

Thermal Conductivity: 0.23 BTU-in / hr-ft²-°F @ 75°F (0.033 W / m²-K @ 24°C).
(K-Factor)

Thermal Resistance: 3.5 hr-ft²-°F / BTU (0.76 m²-°C / W).
(R-Value)

Flame Spread: 25

Smoke Density: 50

Mold Growth: None

STANDARD AND CODE COMPLIANCE

- UL 181 Class I
- ASTM E84 and UL 723 Flame/Smoke (25/50)
- NFPA 90A and 90B
- ASTM C 1071 Air Velocity (2000 fpm max.)
- ASTM C 665
- ASTM C 1338, G21 and G22 Fungi and Bacteria Resistance

ACOUSTICAL PERFORMANCE

Correction factors to cataloged sound power level data (standard liner) are shown below.

Single Duct Terminal Units • 3000 Series Basic Unit • All sizes.

Octave Band	2	3	4	5	6	7	NC Impact (Average)
Center Frequency (Hz)	125	250	500	1000	2000	4000	
Discharge Sound	0	0	0	0	0	0	0
Radiated Sound	-1	-2	-2	-3	-3	-3	-2

Single Duct Terminal Units with Integral Attenuator • 3000 Series • All Sizes.

Octave Band	2	3	4	5	6	7	NC Impact (Average)
Center Frequency (Hz)	125	250	500	1000	2000	4000	
Discharge Sound	+2	+2	+3	+5	+7	+8	+3
Radiated Sound	-1	-2	-2	-3	-3	-3	-2

Fan Powered Terminal Units • 33SZ, 35N, 35S, 37N and 37S Series • All sizes.

Octave Band	2	3	4	5	6	7	NC Impact (Average)
Center Frequency (Hz)	125	250	500	1000	2000	4000	
Discharge Sound	0	0	0	0	0	0	0
Radiated Sound	+2	+3	+6	+11	+10	+3	+3

Fan Powered Terminal Units • 35SST and 37SST "Stealth" Series • All sizes.

Octave Band	2	3	4	5	6	7	NC Impact (Average)
Center Frequency (Hz)	125	250	500	1000	2000	4000	
Discharge Sound	0	0	0	0	0	0	0
Radiated Sound	-5	-4	-4	0	+3	+5	-4

SCHEDULE TYPE				
PROJECT				
ENGINEER	DATE	B SERIES	SUPERSEDES	DRAWING NO.
CONTRACTOR	8 - 19 - 16	VAV.ACC.	11 - 19 - 12	VAV - SL