

## UltraLoc Insulation

### Insulation Characteristics

Material:	Solid Metal Liner over Fiberglass
Thickness:	1 inch Fiberglass in ¾" Deep Metal Pan
R-Value:	Fiberglass - 3.9 ft <sup>2</sup> °F h/Btu @ 75°F
Density:	Fiberglass - 1.5 lbs/ft <sup>3</sup>
Flame Spread:	25
Smoke Density:	50
Mold Growth:	None

### Code Compliances

NFPA 90A & 90B	Appliances
NFPA 255	Flame / Smoke Spread (25/50)
UL 181	Air Erosion
UL 181	Mold Growth and Humidity
UL 723	Flame / Smoke Spread (25/50)
ASTM E84	Flame / Smoke Spread (25/50)

### Acoustical Performance

Correction factors to standard liner catalog data are shown below.

#### ESV Basic Units

Band	2	3	4	5	6	7	NC
HZ	125	250	500	1000	2000	4000	Impact
Discharge	0	0	0	0	0	0	0
Radiated	-3	-8	-9	-10	-11	-13	-4

#### ESV Attenuator Units (Average Correction Factor - Actual correction factor is dependent on unit size.)

Band	2	3	4	5	6	7	NC
HZ	125	250	500	1000	2000	4000	Impact
Discharge	0	0	0	0	0	0	0
Radiated	-3	-8	-9	-10	-11	-13	-4

#### Fan Powered Terminals

TQS with UltraLoc liner are specially designed units with separate sound power data.  
See Titus Catalog or TEAMS for acoustic data.