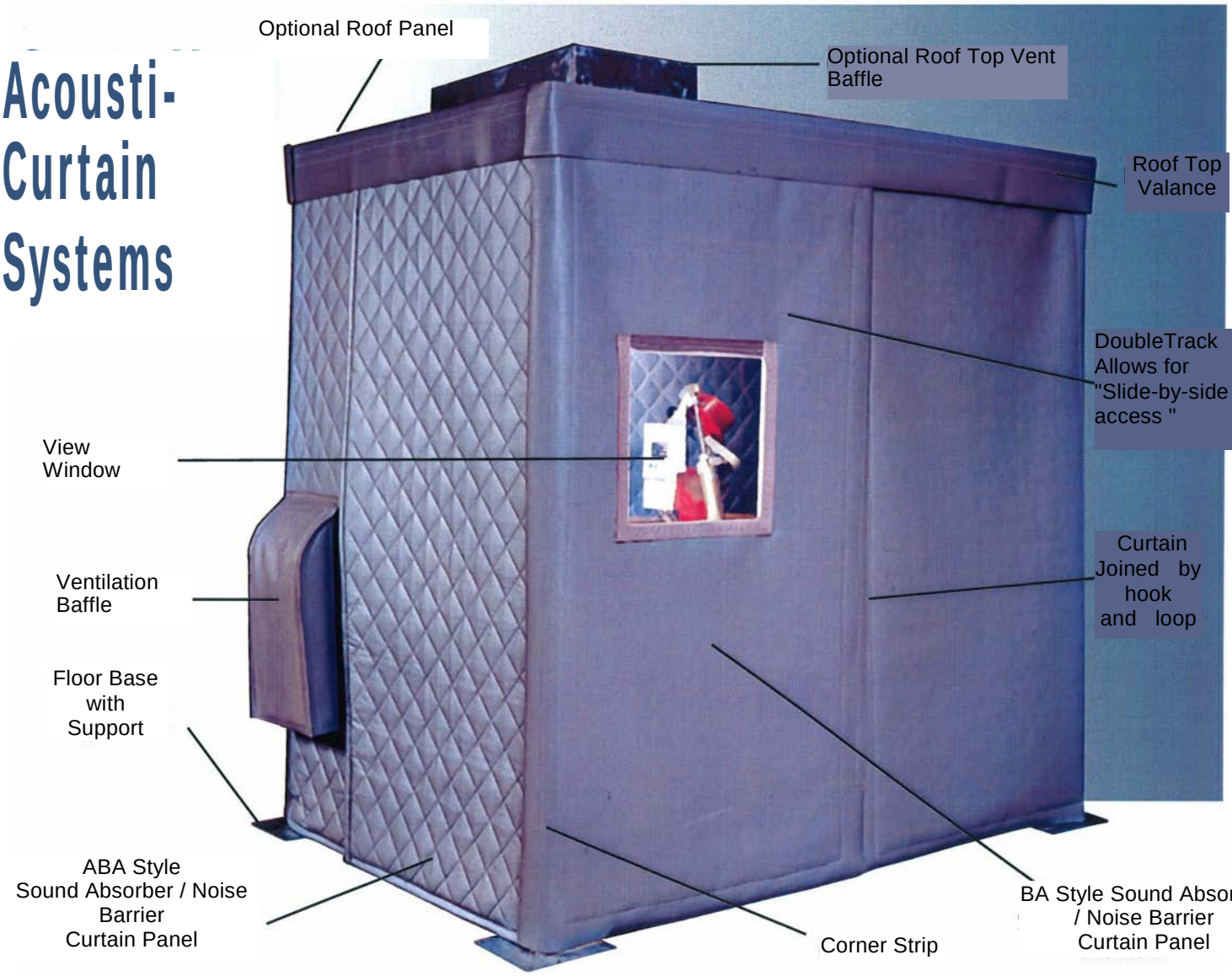
ArtUSA
Noise Control Products Inc.

Acousti-Curtain Systems



FEATURES:

- ♦ High actual noise reduction up to 25 dB(A)
- ♦ Custom engineered systems for any application
- ♦ Roof Panels and ventilation systems available when required
- ♦ Quick access to machinery and equipment for operation and maintenance
- ♦ Fire safe and low smoke emissions per ASTM E-84, Class 1: Per ASTM E-162, ASTM E-662
- ♦ View windows for visibility
- ♦ Washable and steam cleanable component materials
- ♦ Durable constructions for long service life in severe industrial conditions
- ♦ Curtain system models are offered in various styles for optimum solution of application's requirements
- ♦ Economical alternative to rigid acoustical panel systems

Acoustical Curtain Enclosures

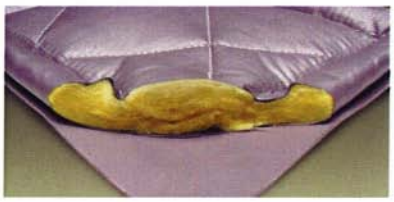
- Modular panels loin together to form any configuration required
- A variety of framing systems available
- Double track systems for slide-by access
- View windows for visibility
- Optional roof panels for maximum noise reduction
- Intake and exhaust ventilation baffles available

CAD Drawings Provided With Full Enclosures

Photo shows floor and wall mounted acoustical curtain system with "881" style panels for perimeter walls on slide-open double track, and "ABA" style panels as partition walls between three blowers.

"ABA" Barrier Absorber Barrier

- Sound absorptive faced quilted fiberglass (gray, white, tan or black) on both sides of noise barrier material
- Modular acoustical curtain panels feature grommets at top, hook & loop fasteners along each edge
- Utilized as perimeter walls, separator walls, or divider partitions between noise sources
- Utilized as absorber/barrier composite liner in enclosures, rooms or buildings
- Adds additional sound absorption to environment
- Also available in bound or unbound rolls
- STC ratings up to 33, NRC ratings up to .85
- Class 1 flammability rating (per ASTM E-84)



"BA" Barrier Absorber

Sound absorptive quilted faced fiberglass on one side of reinforced noise barrier material

- Modular acoustical curtain panels feature grommets at top, and hook & loop fasteners along each edge
- Reinforced barrier back offers excellent durability and abuse resistance
- Utilized as sliding doors on acoustical curtain enclosures
- Suitable for outdoor applications
- Custom fabricated for "acoustical jackets" on blowers, fans or compressor housings
- Also available in bound or unbound rolls
- STC ratings up to 32, NRC ratings up to .85
- Class 1 flammability rating (per ASTM E-84)

In addition to very effective, high performance acoustical curtain panels, a successful, functional acoustical enclosure often requires a wide array of features and options. These include roof-top panels, valances, corner treatments, view windows, ventilation baffles, exhaust fans and a wide variety of curtain support frame options.

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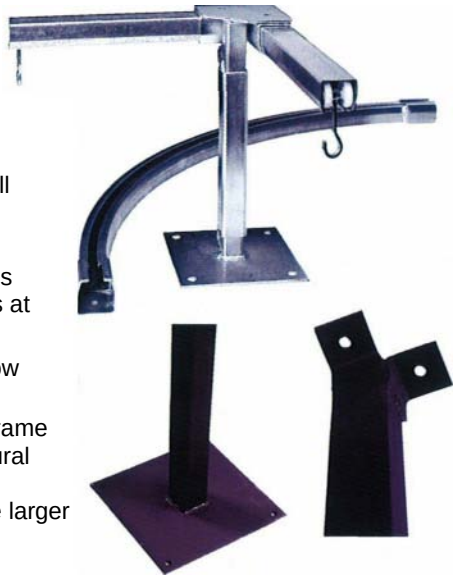
Curtain Support



- Standard curtain track and hardware system manufactured from heavy galvanized steel components
- Floor mounted, beam mounted, suspended, wall mounted and ceiling mounted styles available
- Double track configurations allows for slide-by access at any point
- Curved corner options allow for even greater access
- Type "H-D" Heavy Duty Frame (optional) features structural steel tubing for maximum strength to accommodate larger enclosures

Rigid Roof Panels

- ABA and BA style roof panels incorporate an internal stiffener
- Allows for spanning across top of enclosure without sagging
- Custom sizes available
- BSC-25RP roof panel STC rating 31

Roof Top Valance

- Used on enclosures with roofs
- Flexible barrier valance closes gap between roof panels and side panels
- Hook & Loop fastener attachment

Roof Top Vent Baffle

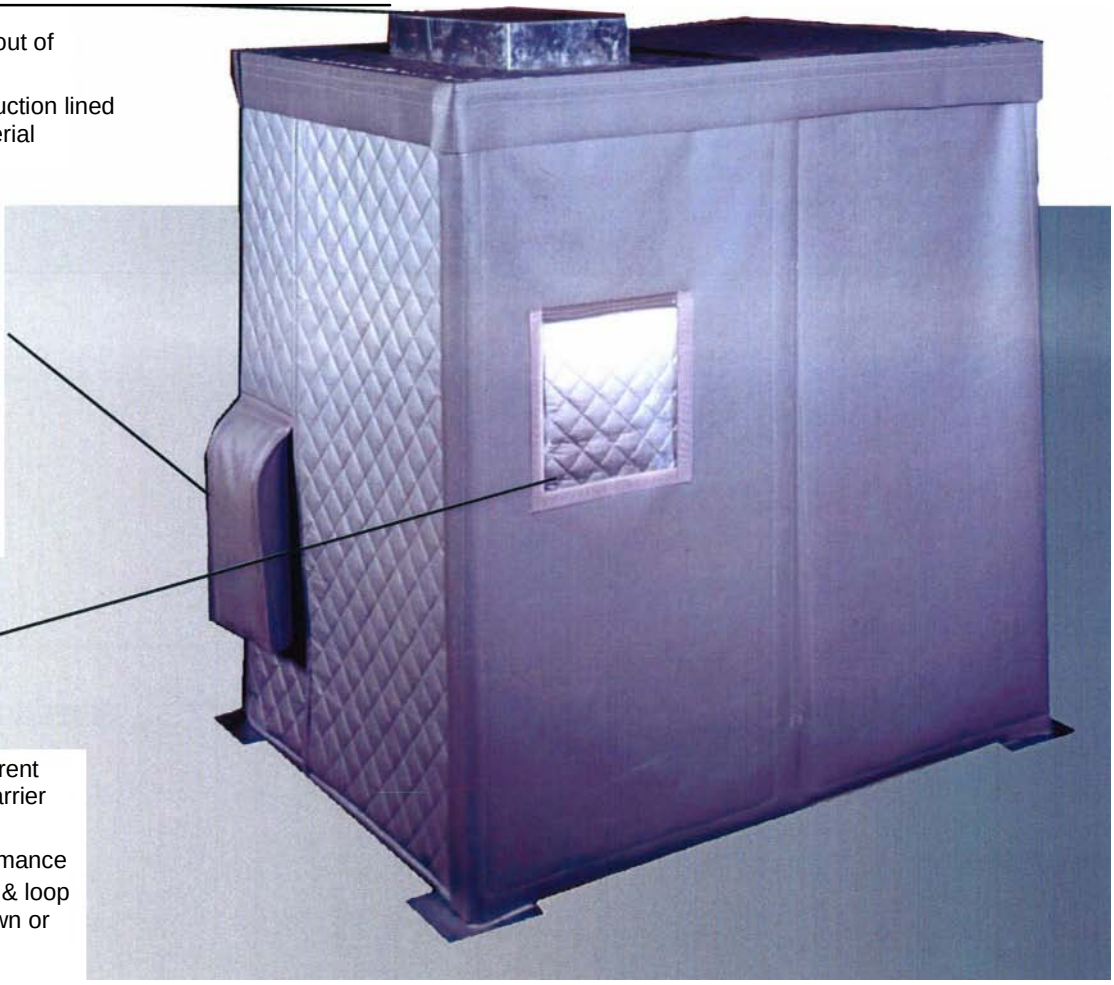
- Allows for exhaust air flow out of enclosure
- Rugged sheet metal construction lined with sound absorption material
- Attaches to rigid roof panel

Intake /Ventilation Baffle

- Allows for air flow into enclosure without compromising performance
- Manufactured from same components as BBC curtain panels
- Sewn onto side curtain panels for maximum integrity

ViWindows

- Allows for visibility
- Manufactured from transparent flexible vinyl sheet noise barrier material
- Maintains acoustical performance
- Sewn-on, removable, hook & loop fastener attached, drop-down or lift-up styles available



The most effective noise reduction products combine both sound absorption and noise barrier properties. Tested under strict compliance to appropriate ASTM standards, we offer the following results.

Acoustical Data:

Sound Transmission Loss (dB) Octave Bond Center Frequencies (Hz)									
Curtain Product	Thickness (In./Nom)	Wt. Lb./S.F	125	250	500	1000	2000	4000	STC
BA-13-2"	2	1.5	13	20	29	40	50	55	32
BA-13	1	1.3	11	16	24	30	35	35	27
ABA-25-2B	2	2.5	19	22	28	40	56	61	33
ABA-25	2	1.5	12	16	27	40	44	43	29
ABA-3L	2	1.5	12	16	23	33	38	39	27
ABA-25RP	2.5	2.6	19	20	28	42	56	62	31

Per ASTM E90

Sound Absorption Data-Absorber Component Random Incident Sound Absorption							
	Octave Band Center Frequencies (Hz)						
	125	250	500	1000	2000	4000	NRC
1" BA Products	.12	.47	.85	.84	.64	.62	.70
2" BA Products	.07	.27	.96	1.13	1.08	.99	.85
2" ABA Products	.19	.99	.96	.80	.57	.33	.85

Per ASTM C423

Flammibility Ratings:

Product	Description	Flame Spread	1 smoke Density
ABA-25	Vinyl faced 1" quilted fiberglass on both sides of a 1lb. PSF non-reinforced loaded vinyl noise barrier septum	23	30
ABAC-26	Silicone faced 1" quilted fiberglass on both sides of a 1lb. PSF non-reinforced noise barrier septum	4	19
ABA-24	Scrim faced 1" quilted fiberglass on both sides of a 1lb. PSF non-reinforced noise barrier septum	5	1
BA-13-2"	Vinyl faced 2" quilt on one side of a 1lb. reinforced loaded vinyl noise barrier	23	12
BA-13	Vinyl faced 1" quilt on one side of a 1lb. reinforced loaded vinyl noise barrier	23	30
BA-14	Silicone faced 1" quilt on one side of a 1lb. reinforced loaded vinyl noise barrier	4	19

Table shows flame spread and smoke density ratings per ASTM
Designation E84; Surface Burning Characteristics of Building Materials.
Note: Class 1 (or A) rating applies to products with a flame spread of
25 or less.
Additional products tested to ASTM E 162 and ASTM E 662, available
on request.

Also Available.