



- ◆ Freestanding, corner loaded bass trap
- ◆ Full bandwidth absorption to 40Hz or below
- ◆ Adjustable mid-range diffusion above 400Hz
- ◆ Sturdy exoskeleton construction for strength
- ◆ Threaded inserts for stacking and hanging
- ◆ Fiber-free construction, multiple sizes and colors

**ASC** ACOUSTIC SCIENCES CORPORATION

**Headquarters:**  
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**1 800 272 8823**

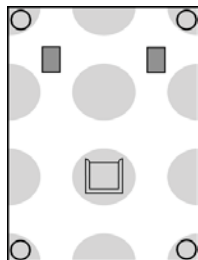
## Top Shelf Acoustic Conditioning

The TubeTrap is the first and foremost corner loaded bass trap in the audio industry. It's low frequency absorption is determined by the diameter of the TubeTrap, the greater the diameter, the lower the roll-off. Unlike any other product available on the market today, Acoustic Sciences has engineered your sound experience to absolute perfection. The result of hundreds of hours of research and development, testing, and decades of real-world use, many have tried to copy our product, yet none have succeeded. When only the best will do, sound connoisseurs choose our TubeTrap. Available in a wide range of sizes and shapes, one can fine tune almost any listening situation regardless of size or complexity.



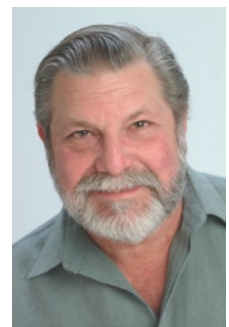
## Room Modes

When low frequency sound is injected into a room, the waves reflect back and forth. At certain frequencies, the reflection patterns begin to overlap and lock into a synchronized condition with each other to produce standing waves. Whenever this pattern overlaps the speakers we get "room boom", an overpowering emphasis by the room/ speaker arrangement to play only a few, very strong bass notes. Nothing can actually get rid of room modes, short of removing the room entirely. But adding bass traps will even out the bass response and improve transient attacks and decay. Although every mode has a unique pattern of pressure zones distributed throughout the room, all modes have pressure zones in the tri-corners. ASC is the pioneer of corner loaded bass traps, and the Tube Trap remains the unsurpassed upgrade for all high performance audio acoustic systems.



## TubeTrap Applications

Invented in 1985 by physicist and acoustic engineer Arthur Noxon, founder and owner of Acoustic Sciences Corporation, the TubeTrap is the basic acoustic component in high performance sound systems. The original TubeTrap was developed as a corner loaded bass trap and voiced with a built-in treble range diffuser panel. Patented and lab tested, the TubeTrap is proudly made in the USA. TubeTraps are used against walls, ceilings, loudspeakers and even in open space. Extreme placement flexibility encourages experimenting in acoustics and has resulted in many unique innovations.



# TubeTrap™

## SPECIFICATIONS

ASC Tube Traps are the only single acoustic product to earn an Editor's Choice Award from The Absolute Sound.



Says Editor Robert Harley, "There are lots of questionably acoustic products on the market, but Tube Traps are the real deal."

Robert Harley  
Editor, Absolute Sound Magazine

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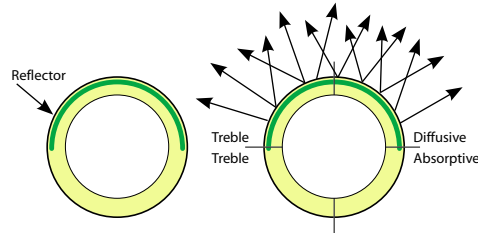
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### Fully Adjustable Reflectivity



### Standard 4 foot TubeTrap

**Diameter Options** 9", 11", 13", 16", 20"

**Height** 4 feet

**Weight in Pounds** 18, 18, 26, 32, 38

**Full Bandwidth Absorption**

9" 110Hz

11" 90Hz

13" 70Hz

16" 55Hz

20" 30Hz

**Adjustable mid-range diffusion** Above 400 Hz

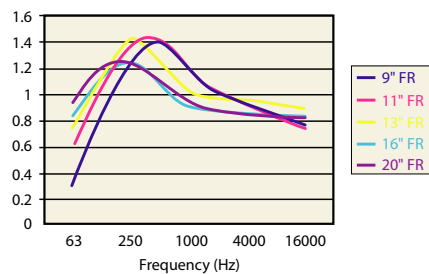
**Stackable** Yes

**Fire Rating** Class 1 fire rated ASTM E-84

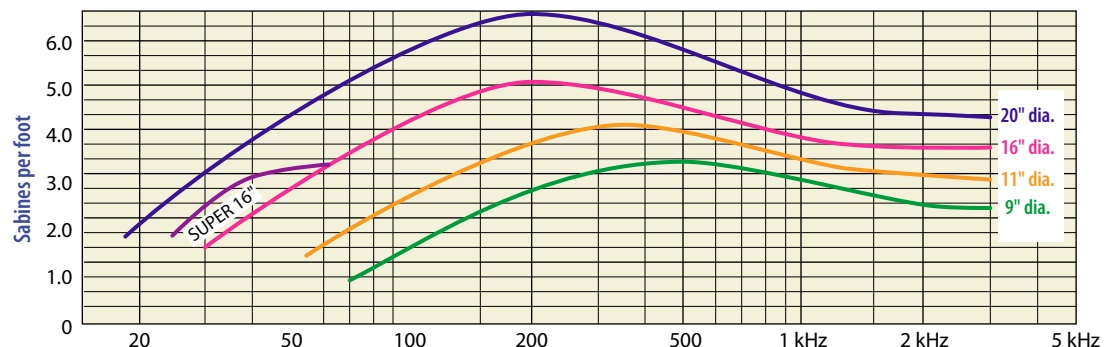
**Colors** Guilford 701

**Warranty** 1 year parts and labor

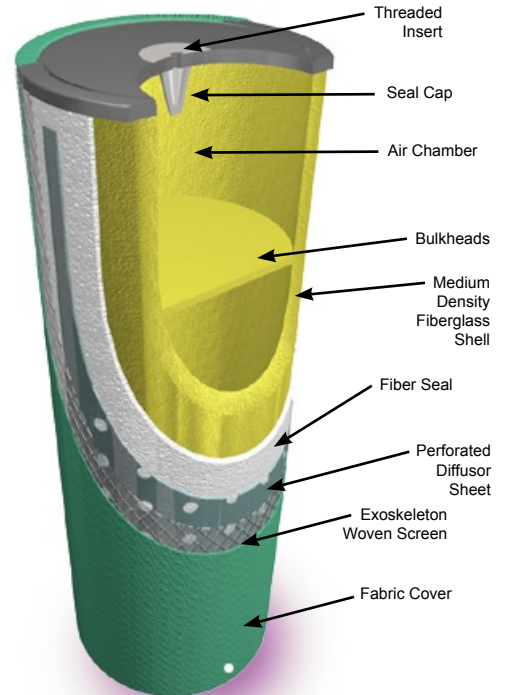
### Full Round Absorption Coefficients



### Response Curves



### Basic Construction



### Corner Loaded Bass Trap

