PRODUCT INFORMATION

AmCraft MANUFACTURING, INC.

Free Hanging Baffles

Product Information

Standard Sizes:	Part Number
3" thick x 2 ft. High x 4 ft. Wide	FHB 2Hx4W
3" thick x 3 ft. High x 4 ft. Wide	FHB 3Hx4W
3" thick x 4 ft. High x 4 ft. Wide	FHB 4Hx4W
3" thick x 4 ft. High x 5 ft. Wide	FHB 4Hx5W
3" thick x 4 ft. High x 6 ft. Wide	FHB 4Hx6W

Material and color options facing the noise source:

- Acoustic Fabric

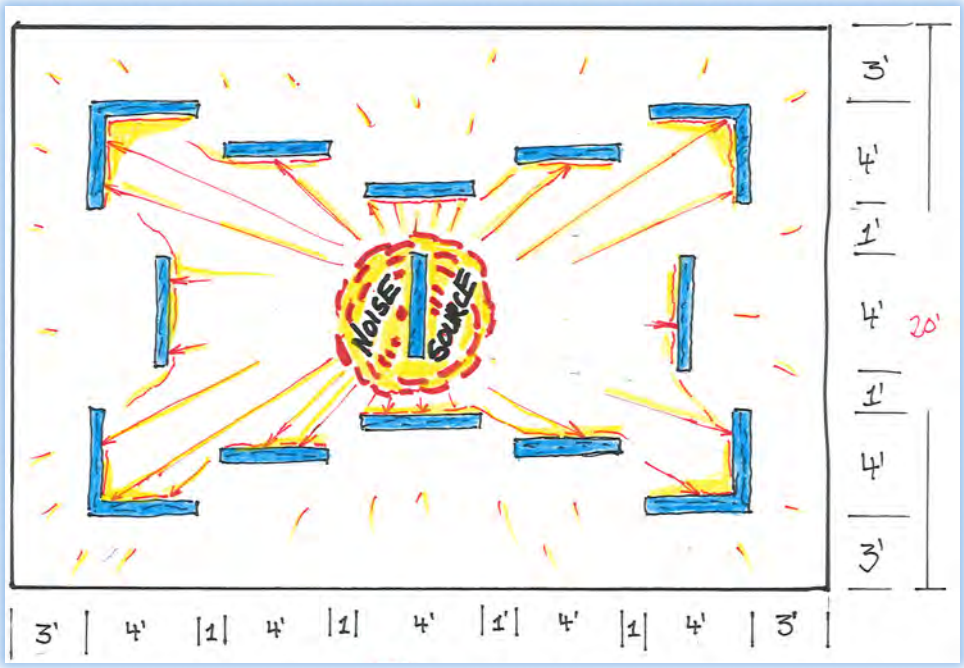
- PVC Coated Mesh

- Solid PVC with Polyester scrim inside (Vinyl)

Product Features:
Excellent sound absorption
No itch or skin irritation materials used
Fire Rating ASTM E-84 Class A
Resists microbial growth

The quietest bang for your buck

The Free Hanging Baffles are designed to be hung above the noise source. Below is an example how to distribute 4' high x 4' wide baffles above a 30 ft. x 20 ft. noisy area.



The Free Hanging Baffles can be suspended from the ceiling as close to the noise source as possible. The objective is to force the noise through soft materials before reflecting onto hard surfaces such as ceilings and walls.

Additionally the noise gets absorbed before spreading into people's workspace and lowers the overall decibel level for the human ear.

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What is included:

- Each Free Hanging Baffle comes with a sew-in
- stiffener on the top edge and two carabiners.
- The Carabiners connect to the chain. (The chain has to be ordered separately).
- The length of the Chain depends on your ceiling height and how far you are able to suspend the acoustic baffles.

If you hang the acoustic free hanging baffles, please pay attention, if you have to work around a sprinkler system. In most areas in the United States you can hang ojects 18" below the sprinkler heads or right between the sprinklers. Make sure the sprinkles can still spray the intended water pattern in a case of fire. It is always recommended to inform your local fire authority of your changes in your building.

Absorption Coefficients NRC

AmCraft's Baffles offer 3" of absorbing material inside the baffles so you can expect greater results than listed below.

Sound absorption measurements of the sound absorbing material inside the baffle.The actual dimensions of the tested batt are just 2" thick 24" x 48"

125	250	500	1000	2000	4000	NRC
0.27	0.87	1.17	1.15	0.96	1.06	1.05

Increased thickness and/or greater surface area render improved sound absorption.

Each Baffle type we are offering has a designed purpose:

- The Free Hanging Baffles absorb the noise above the noise source and lower the overall noise level.
- The Wall Baffles provide soft surfaces for the noise to minimize hard surfaces for the noise to reflect on.
- The Ceiling Baffles provide soft surfaces for noise otherwise reflecting off of the ceiling.
- The Corner Baffles absorb the noise in the corner of a room since the sound waves / energy has the tendency to collect in the corners of a room.

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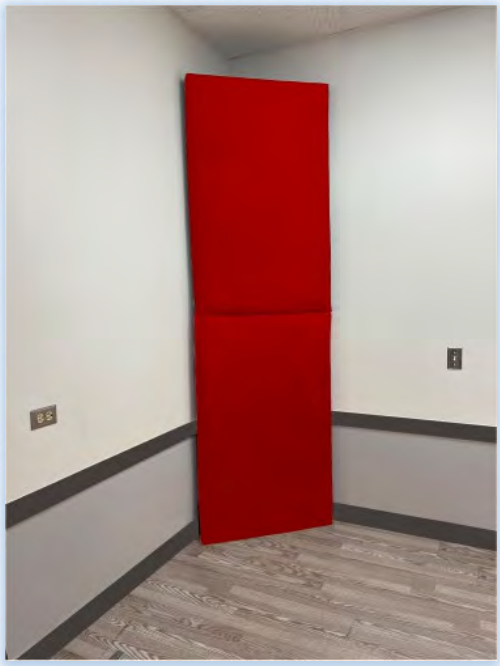
Related Products

In a given loud space there are not only the hard walls for the noise to reflect off of we also have to consider the ceiling, the corners and the areas right above the noise source. To cover those areas we recommend:

Ceiling Baffles

Corner Baffles



Acoustic Hybrid Baffles

Wall Baffles