

SPECIFICATIONS FOR NOISEMASTER® SOUND CONTROL PRODUCTS

Section 09800

PART 1 - PRODUCTS

Resonator Sound Absorber (*Resonator*)

MANUFACTURER

Noisemaster® Resonators shall be manufactured by **THE NOISEMASTER CORPORATION INC.** Monroe, Ct.

Materials

All sound absorptive resonators shall be by **Noisemaster® Inc.** Units shall be 12” diameter cylinders 24” long and designed to be hung from the ceiling or other structure. Casing should be made of specially engineered molded fiberglass. Each resonator shall have two internal metal resonators positioned inside the unit. Unit ends should be finished with heavy gauge formed aluminum guard rings to contribute to the units durability and appearance. Resonator units may be covered in a scrim facing, Guilford FR701® Panel Fabric, Webcor vinyl, or a Sailcloth nylon facing. Provide standard units with two built in suspension eyelets for hanging horizontally or three for vertical mounting.

Testing

Noisemaster® Resonators shall have a Noise Reduction Coefficient of 8.45 Sabins Per Unit.

Surface Burning Characteristics

Units are to have a (ASTM E-84-84a) Class A or 1 / Flame spread-25, Smoke Developed - 320

Installation and Storage

Units can be installed either horizontally or vertically by suspending each resonator independently from an overhead structure using No.14 or heavier steel wire. Avoid interference with lights, ducts, conduit, sprinklers, crane ways or other overhead installations. Resonators units are to be stored in their original boxes in a clean and dry location.