



Blue = Diffusion Coefficient
Green = Scattering Coefficient

Red = Absorption Coefficient - NRC = 0.30, SAA = 0.26

Additional test data is available – please see the Supplementary Acoustical Data Charts online or contact your local RPG Sales Representative.

Frequency (Hz)	Diffusion Coefficient
315	0.19
400	0.24
500	0.54
630	0.57
800	0.57
1000	0.54
1250	0.47
1600	0.53
2000	0.46
2500	0.53
3150	0.64
4000	0.62

PRODUCT OVERVIEW

Modffusor™ represents the evolution in modular sound diffusers toward asymmetric designs, making them compatible with the current research that establishes aperiodic/asymmetric sequencing as an approach toward significant performance improvement of the installed array. A furniture-grade, natural wood sound diffuser, **Modffusor™** is designed to provide a more uniform sound field through mid and high-frequency sound diffusion while limiting the amount of sound absorption. Units are available in a high recycled content, ULEF, Class A fire-rated and FSC MDF core.

SIZING

- Standard Unit: 23-5/8" W x 47-1/4" L x 7-7/8" D
(Custom panel lengths up to 8' are available)
- Each panel weighs approx. 7.00 lbs/ft²

CORE FIRE RATING

Class A (per ASTM E-84)

FINISH

Modffusor™ is available in natural and engineered wood veneers and laminates with clear lacquer or factory color-matching of wood finishes and paint colors. Standard species include Alder, Anigre, Ash, Birch, Cherry, Mahogany, Maple, Poplar, Red Oak, Walnut and White Oak. Custom species may be available on request.

INSTALLATION

Modffusor™ is designed to be surface-mounted to a wall or ceiling with factory-integrated blocking. They can be installed singularly or in an array across walls and ceilings.