



Blue = Diffusion Coefficient
 Green = Scattering Coefficient
 Red = Absorption Coefficient

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	0.01
400	0.11
500	0.15
630	0.26
800	0.24
1000	0.30
1250	0.47
1600	0.37
2000	0.29
2500	0.44
3150	0.36
4000	0.19

PRODUCT OVERVIEW

Omniffusor[™] W58 is a 2-dimensional sound diffuser created to expand the product line anchored by the classic **Omniffusor[™] W84** — the first product of its kind offered on the market. With its deeper construction, the **Omniffusor[™] W58** has been designed to extend the diffusion bandwidth into the mid and lower midrange frequencies, while the natural wood construction of the unit, available in a high recycled content, ULEF, Class A fire-rated and FSC MDF core, limits the amount of sound energy removed by absorption.

SIZING

Standard Unit: 23-5/8" W x 23-5/8" L x 8" T

FIRE RATING

Class A (per ASTM E-84)

FINISH

Omniffusor[™] W58 is available in various finishes, including natural and engineered wood veneers, and laminates. RPG offers clear lacquer or factory color-matching of both wood finishes and paint colors.

INSTALLATION

Omniffusor[™] W58 is designed to be flushmounted to a wall or ceiling with factory-integrated blocking or dropped into a standard 15/16" HD T-grid supplied by others. These panels can also be installed adjacent to **Omniffusor[®] W84** and **Omniffusor[®] W113** units for comprehensive broadband diffusion performance.

Note: Previously **Omniffusor[®] 58**