



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
250	0.06
315	0.11
400	0.08
500	0.18
630	0.29
800	0.26
1000	0.28
1250	0.26
1600	0.35
2000	0.56
2500	0.40
3150	0.46
4000	0.32

PRODUCT OVERVIEW

Optistep™ W is a 1-dimensional sound diffuser developed to expand the product line anchored by the classic QRD® 734 - the first product of its kind offered on the market. With its unique design which does not rely on the traditional dividers between each well, the **Optistep™ W** has been designed to provide optimal diffusion bandwidth. At the same time, 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 Units: 16" W x 23-5/8" or 47-1/4" L x 8" D (Custom panel lengths up to 8' are available)
- Each panels weigh approx. 6.00 lbs/ft²

CORE FIRE RATING

Class A (per ASTM E-84)

FINISH

Optistep™ W 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

Optistep™ W 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.

Note: Previously Optistep™