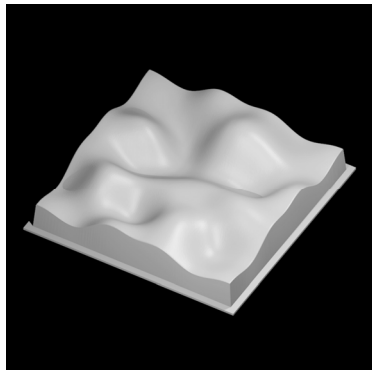


Aeolian[®]



A patent pending, two dimensional, organic quadratic diffuser. Edge height variation is less than the flange width, creating an "implied edge" while maintaining a complete asymmetry which reduces acoustic lobing associated with some symmetrical designs.

Construction: Class A Thermoformed plastic with natural white finish.

Nominal Size: 2'x2'

Depth: 5"

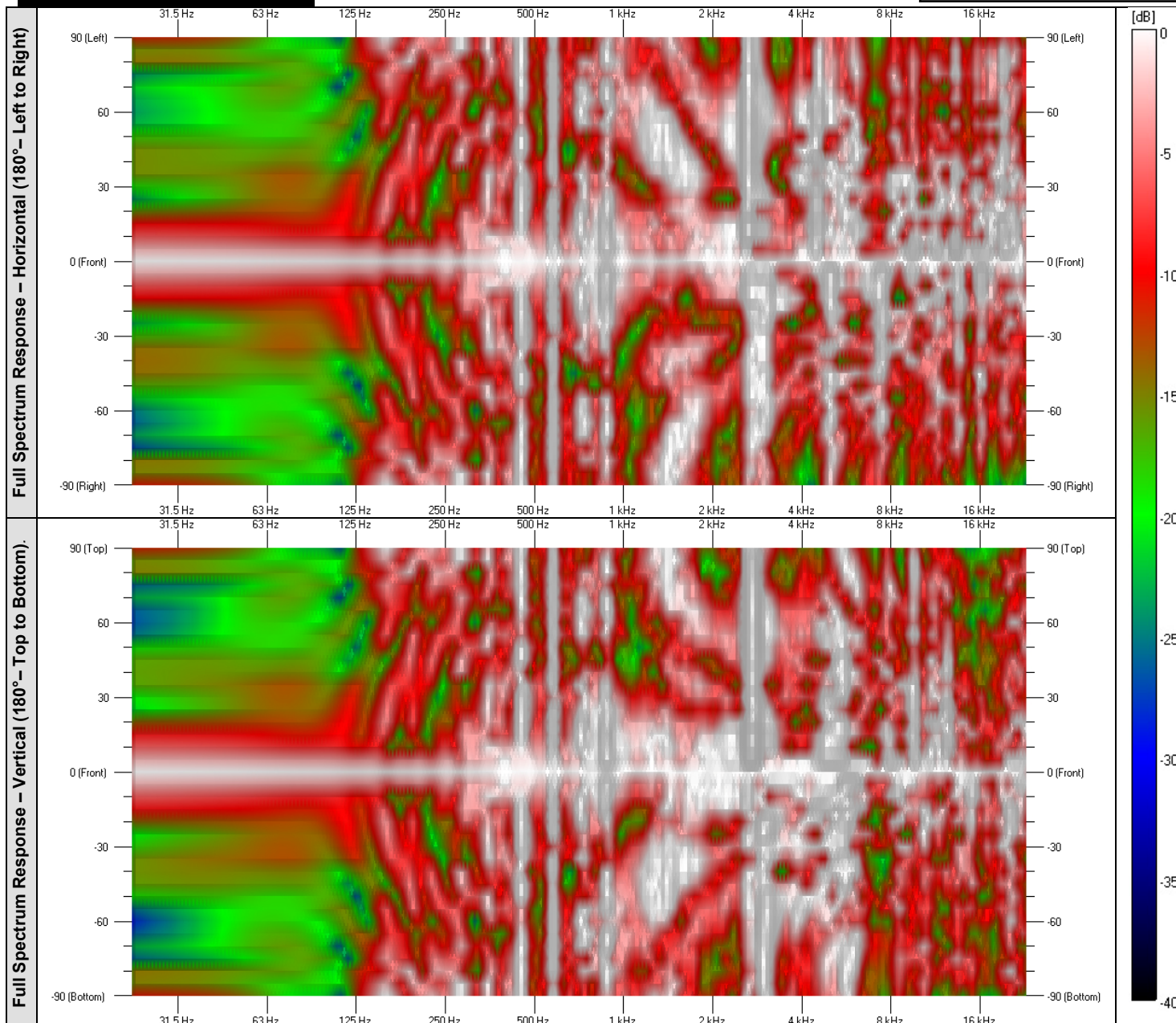
Mounting: Direct mount to wall/ceiling

– OR – Fit into standard T-bar grids.

Modified 2D Quadratic Diffuser
Asymmetric Organic Quadratic

Operational Parameters:
Diffusion: Mid to High-Mid band
Primary: 1.6K- 7.5k
Hemispheric Pattern (2D -150°H/V)
Wide Phase & Directional Diffusion

Ceiling or Wall Mountable
Asymmetric Distribution

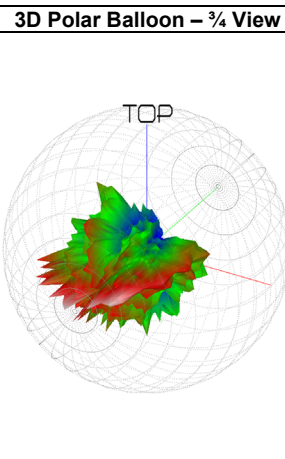
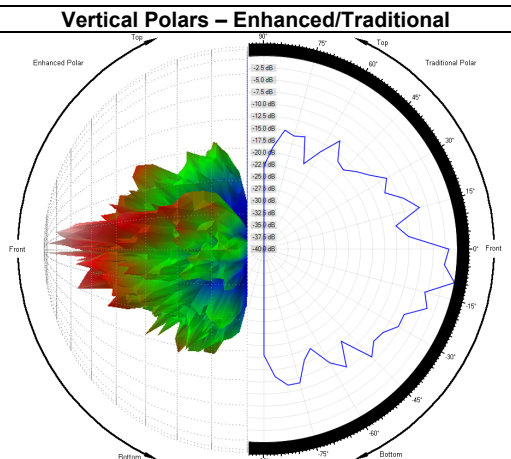
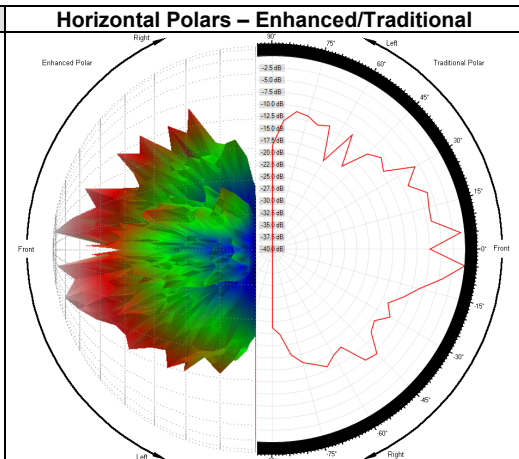


Sound Absorption Coefficients – Aeolian[®] Performance

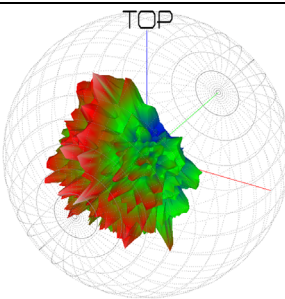
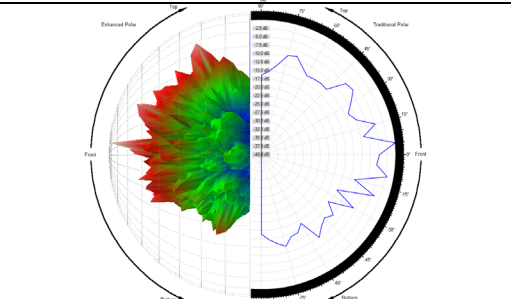
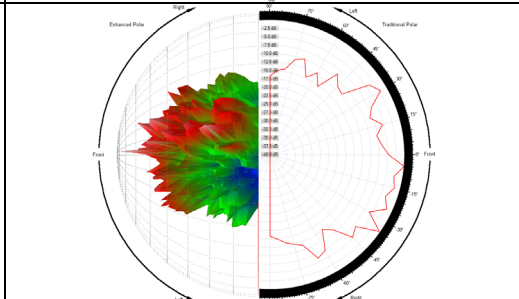
Mounting	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
Type A	0.55	0.24	0.22	0.16	0.10	0.13	0.20
E400 (No Insulation)	0.40	0.26	0.26	0.25	0.17	0.15	0.25
E400 (Insulated)	0.41	0.24	0.25	0.25	0.17	0.15	0.25

The horizontal and vertical polars are displayed in Traditional and Enhanced format; the traditional view shows only the dB at an angle along the axis, the enhanced shows adjacent angles.

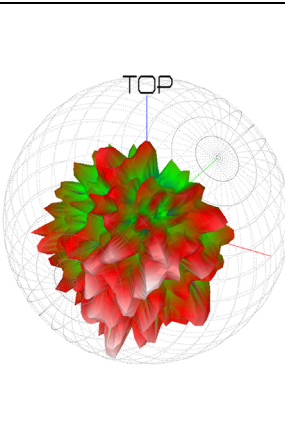
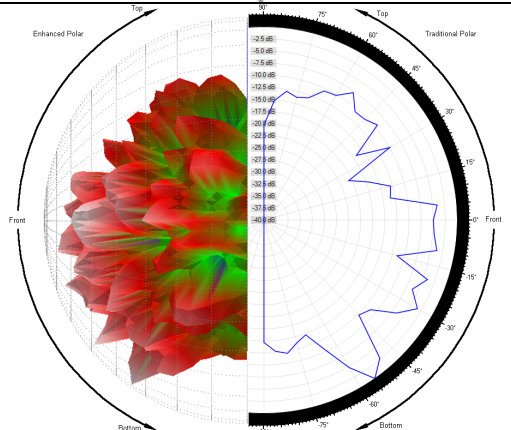
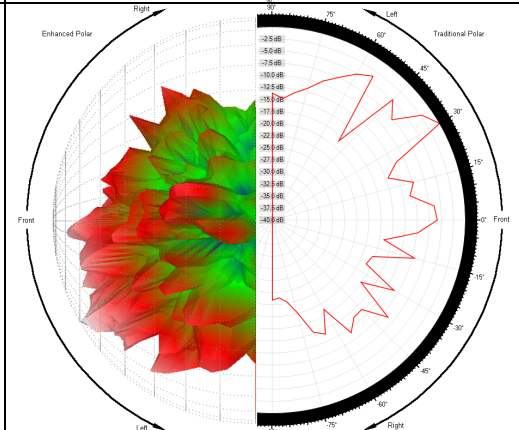
16000 HZ



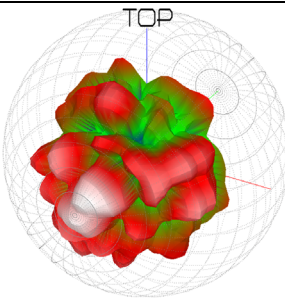
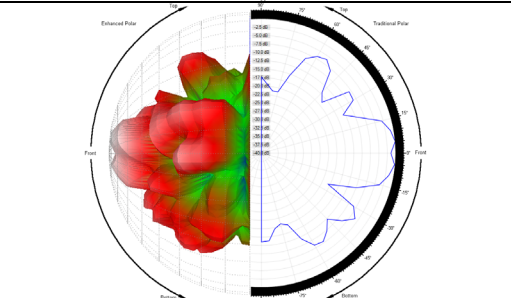
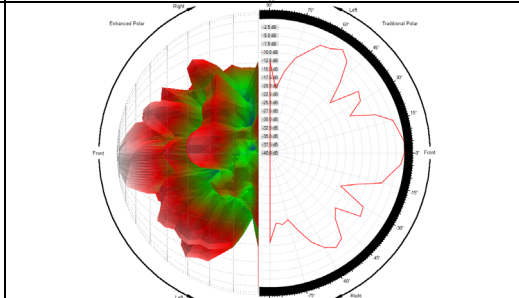
8000 HZ



4000 HZ



2000 HZ



1000 HZ

