

DOUBLE DUTY™ DIFFUSERS – STANDARD

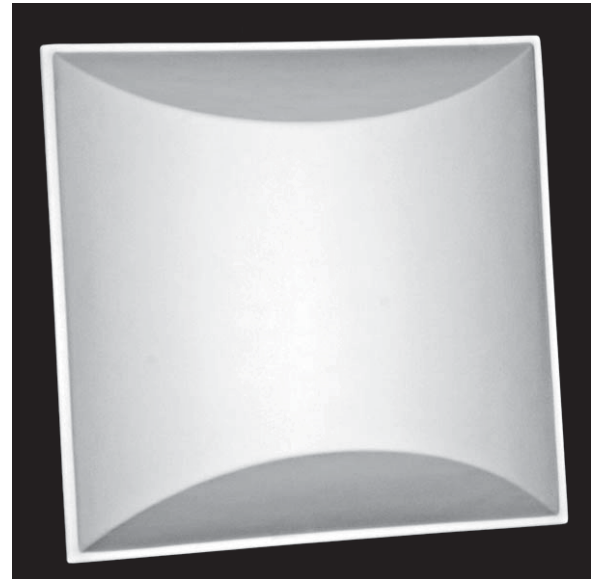
Construction: Class A Thermoformed plastic with natural white finish.

Nominal Sizes: 2'x2', 2'x4', 4'x4' and *4'x8' (Molded Fiberglass only, not Thermoplastic). *Other sizes are available, please inquire for more information.*

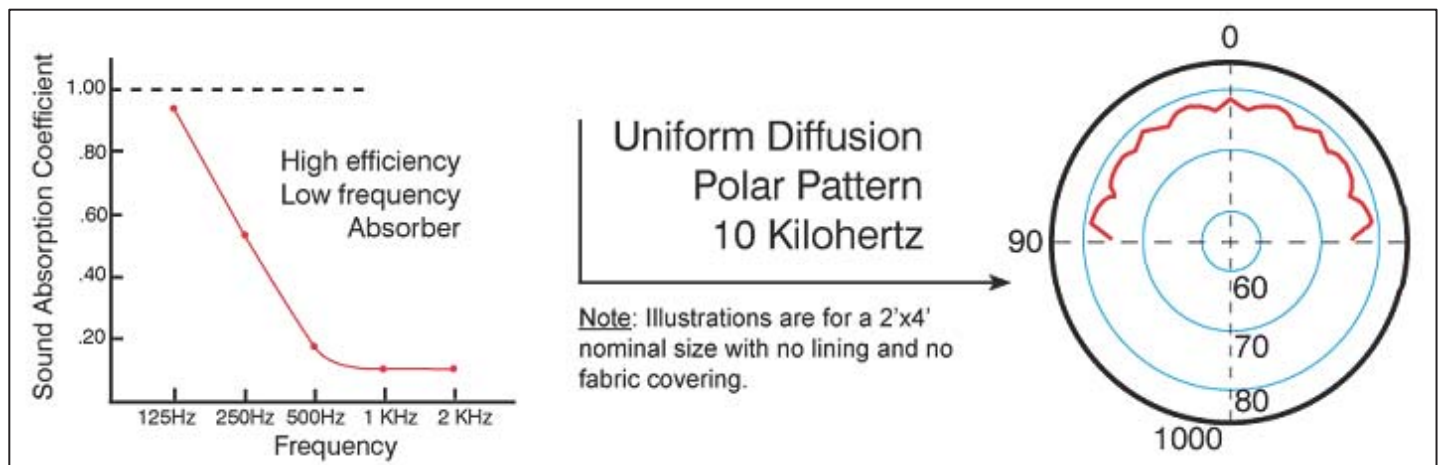
Depth: 7"

Mounting: L-Bracket for direct mount to wall/ceiling – **OR** – Manufactured to fit into standard T-bar grids.

The internal cavity of the Double Duty Diffuser can be lined with a 1½" thick layer of glass fiber batting to increase absorption and prevent resonance (denoted "w/ insulation" in data table).



Sound Absorption Coefficients – Double Duty Diffusor									
Size	Mounting	Weight	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
2'x2'	D-5	4lbs	0.41	0.22	0.19	0.15	0.12	0.05	0.15
2'x2'	E-400	4lbs	0.33	0.27	0.19	0.15	0.11	0.11	0.20
2'x2' w/insulation	D-5	4.7lbs	0.64	0.28	0.26	0.18	0.11	0.15	0.20
2'x2' w/insulation	E-400	4.7lbs	0.33	0.24	0.21	0.16	0.10	0.15	0.20
2'x4'	D-5	7.9lbs	0.24	0.26	0.17	0.16	0.11	0.06	0.20
2'x4'	E-400	7.9lbs	0.25	0.23	0.16	0.17	0.09	0.12	0.15
2'x4' w/insulation	D-5	9.25lbs	0.41	0.27	0.19	0.16	0.07	0.12	0.15
2'x4' w/insulation	E-400	9.25lbs	0.38	0.27	0.20	0.19	0.09	0.15	0.20
4'x4'	D-5	13.2lbs	0.29	0.29	0.08	0.05	0.06	0.05	0.10
4'x4'	E-400	13.2lbs	0.30	0.23	0.09	0.08	0.06	0.08	0.10
4'x4' w/insulation	D-5	15.8lbs	0.43	0.39	0.14	0.06	0.06	0.08	0.15
4'x4' w/insulation	E-400	15.8lbs	0.38	0.32	0.14	0.09	0.09	0.12	0.15
4'x8'	D-5	31.2lbs	0.21	0.19	0.06	0.03	0.05	0.02	0.10
4'x8'	E-400	31.2lbs	0.19	0.13	0.07	0.06	0.07	0.05	0.10
4'x8' w/insulation	D-5	36.5lbs	0.34	0.3	0.12	0.08	0.02	0.01	0.15
4'x8' w/insulation	E-400	36.5lbs	0.19	0.18	0.12	0.07	0.07	0.07	0.10



**Note: Additional diffusion data available upon request*