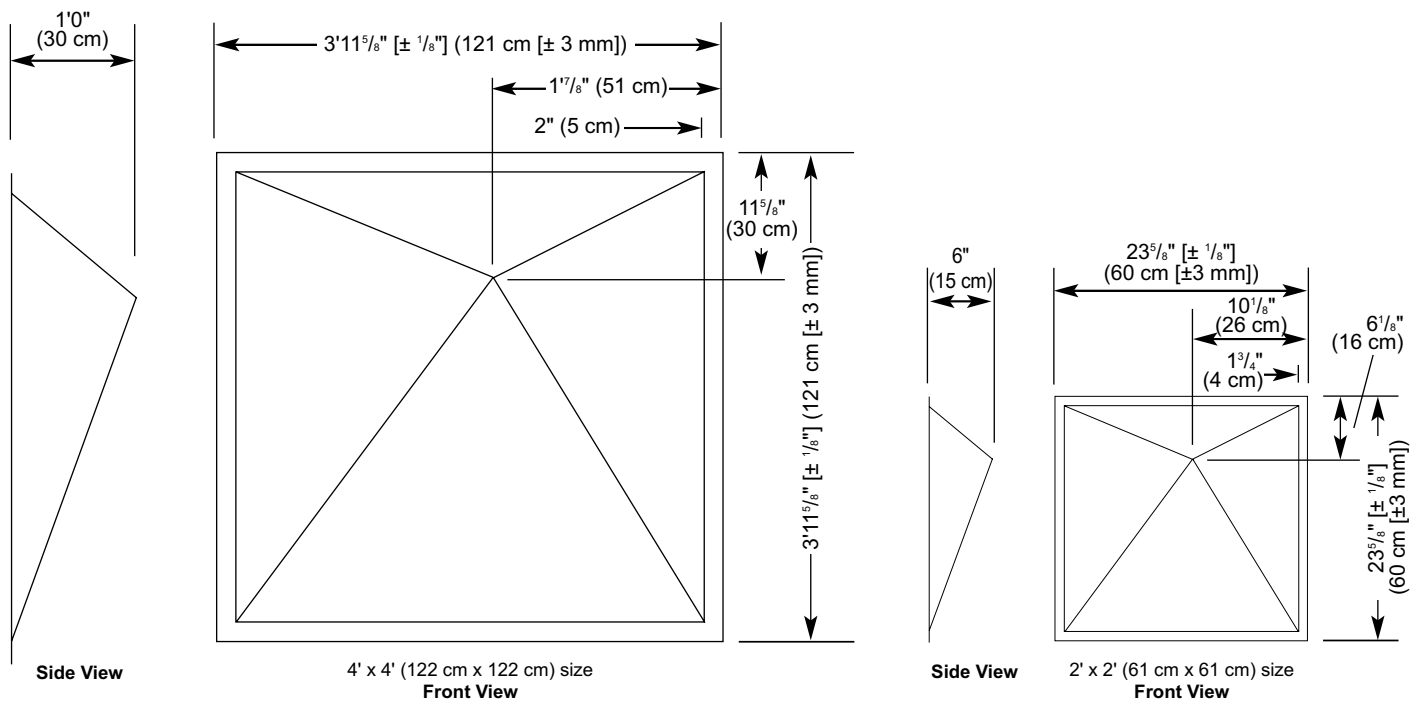


# Pyramidal Ceiling Diffusers

- 4' x 4' (122 x 122 cm) and 2' x 2' (61 x 61 cm) sizes.
- Impact resistant, offset pyramid shape; suitable for support by standard T-bar ceiling suspension system.
- Optionally available internally lined with 1/2" (1 cm) gypsum board; suitable for support by heavy-duty T-bar ceiling suspension system (4' x 4' only) (122 x 122 cm).
- Manufacturer's standard construction of Geon X1502 - 170 - 5001 thermo molded plastic, 1/8" (3 mm) material thickness with white "lemon-peel" finish.
- Surface is paintable by others using acrylic based paint only.
- Made from PVC/acrylic plastic which meets Class A flame spread and smoke developed requirements according to NFPA 101 Life Safety Code Requirements.
- Recyclable.
- Five-year warranty.



## Acoustical Performance

Sound absorption coefficients, measured with Type A, Type E-150 and Type E-400 mounting according to ASTM E795, determined according to ASTM C423:

Mounting Type	Sound Absorption Coefficient						Mounting Type	Sabins/Unit					
	Octave Band Center Frequency (Hz)							Octave Band Center Frequency (Hz)					
	125	250	500	1000	2000	4000		125	250	500	1000	2000	4000
Diffuser Panel (4' x 4')(122 x 122 cm)													
A	0.13	0.13	0.05	0.02	0.06	0.08	A	2.1	2.1	0.8	0.3	1.0	1.3
E-150	0.08	0.12	0.07	0.05	0.09	0.12	E-150	1.3	1.9	1.1	0.8	1.4	1.9
E-400	0.09	0.13	0.12	0.10	0.16	0.25	E-400	1.4	2.1	1.9	1.6	2.6	4.0
Lined Diffuser Panel (4' x 4')(122 x 122 cm)													
A	0.09	0.10	0.06	0.10	0.08	0.17	A	1.4	1.5	0.91	1.6	1.2	2.7
E-400	0.14	0.14	0.11	0.14	0.15	0.26	E-400	2.2	2.2	1.8	2.2	2.4	4.2

A mounting – 0" air space  
 E-150 mounting – 6" air space  
 E-400 mounting – 16" air space

Sound Transmission Class (STC), determined according to ASTM E90 and ASTM E413: Diffuser panel, STC 23; lined diffuser panel, STC 29.

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