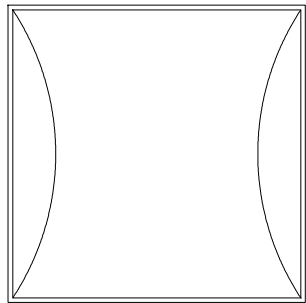




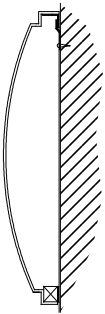
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Absorbers & Diffusers

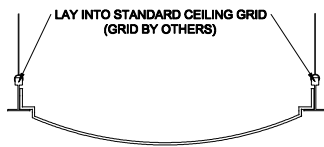
Interact Barrel Diffusers



TYPICAL BARREL



WALL MOUNTED



LAY-IN CEILING

Interact Barrel Diffusers Provide

Sound Concepts interact barrel diffusers are manufactured from fiberglass reinforced gypsum (frg).

Our diffusers are noncombustible and dimensionally stable. Interact barrel diffusers are available fabric covered, painted white textured (lemon peel) finish or in a painted custom color. Interact barrel diffusers absorb low frequency sound while diffusing high frequencies.

The barrel shaped faceted face is designed to reflect and scatter sound waves. Wall mounted and ceiling hung diffusers interact with our acoustical absorbers to provide proper acoustical treatment in musical performance and practice facilities.

A proper acoustical environment allows both performers and audience members to better hear and enjoy the performance. Acoustical analysis – on your next project don't forget this free service sound concepts offers.



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Mounting

Wall: diffusers are mounted with factory z-clips to continuous z-bar fixed to the wall

Ceiling: lay into t-bar grid (must support 4 lbs. Per s/f)

Ceiling: custom ceiling cloud hardware (made for independant mounting)

Facing Materials

100% Woven polyester, white textured paint finish, custom color paint finish. (Contact your local rep or factory consultant for availability & suitability)

Size

2' X 2', 2' X 3', 2' X 4', 3' X 3', 3' X 4', 3' X 5', 3' X 6', 4' X 4',
4' X 5', 4' X 6', 4' X 8'
(Custom Sizes Also Available)

Standard Tolerances

(+) (-) 1/16" On Length, Width & Thickness

Desciption	hz	125	250	500	1000	2000	4000	NRC
Wall Mounted Barrel Diffuser - Painted		0.20	0.22	0.10	0.05	0.04	0.07	0.10
Wall Mounted Barrel Diffuser - Fabric Covered		0.18	0.27	0.18	0.14	0.19	0.15	0.20
Ceiling Mounted Barrel Diffuser - Painted		0.32	0.15	0.13	0.12	0.10	0.10	0.12

ALL CEILING MOUNTING NOISE REDUCTION COEFFICIENT (NRC) TESTS AS PER ASTM C-423 (TYPE E-400 MOUNTING) ALL NOISE REDUCTION COEFFICIENT TESTS (NRC) AS PER ASTM C-423 ARE CONDUCTED AS DEFINED BY ASTM E-795 ALL WALL MOUNTING NOISE REDUCTION COEFFICIENT (NRC) TESTS AS PER ASTM C-423 (TYPE A MOUNTING) ALL DIFFUSER COMPONENTS MEET CLASS A FLAME SPREAD AS TESTED UNDER ASTM E-8

