

# CLOUD DIFFUSERS (CLD)

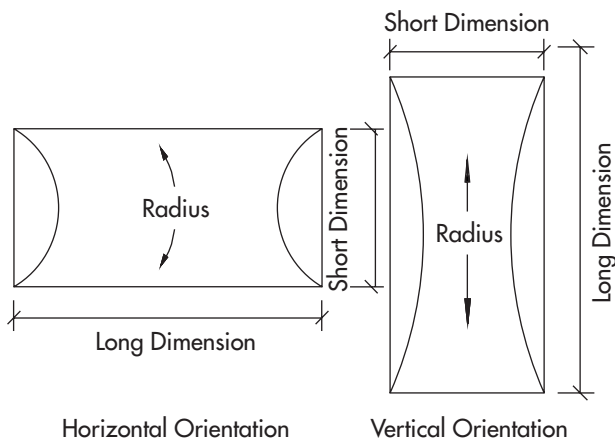
G&S Acoustics' barrel and pyramidal-shaped cloud diffusers combine shape and high-impact hardness to **diffuse sound evenly** across rooms to control "flutter" and "echo" effects from sounds in the room.

Our cloud diffusers are **excellent, low-frequency sound absorbers**. By absorbing low-frequency sounds, while reflecting the higher frequencies, the room maintains a "bright" sound.

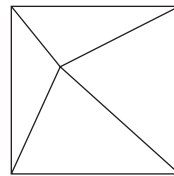
We offer two types of cloud diffusers: standard (CLD) and low-frequency absorber (CLDA). Select a sound-diffusion system using the tables shown below.

## CLOUD DIFFUSERS

### Barrel Cloud Diffusers (CLD-B)



### Pyramidal Cloud Diffuser (CLD-P)



## SOUND ABSORPTION

### CLD - Standard Cloud Diffuser

Hz	125	250	500	1000	2000	4000	N.R.C.
CLD	1.62	.46	.19	.08	.05	.05	.20

### CLDA - Cloud Diffuser with low-frequency absorption

Hz	125	250	500	1000	2000	4000	N.R.C.
CLDA	1.01	.52	.37	.21	.20	.20	.35



### CORE

CLD: 0.125 Thermoformed co-polymer (recyclable), N.R.C. = .20

CLDA: Add 1-1/2", 1-1/2 pcf fiberglass backing, N.R.C. = .35

### SIZES

Pyramidal (CLD-P): 4'x4'  
Barrel (CLD-B): 1'6"x1'6", 2'x2', 2'x4', 2'x4' ADA, 2'x6', 3'x3', 3'x4', 3'x5', 3'x6', 3'x8', 4'x4', 4'x5', 4'x6', 4'x8'  
Custom sizes also available

### MOUNTING

Internal aluminum frame for chain or wire attachments

### FINISH

Textured white, Fabric (Guilford 2100 or other approved fabrics)

### FLAMMABILITY

All components have a Class "A" rating per ASTM E84

*Controlling  
Sound  
Beautifully*