

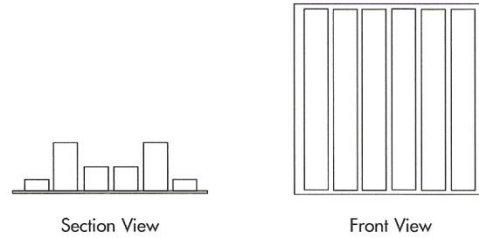
DecayControl QRD

Decay Control Series

APPLICATIONS

Auditoriums | Band & Choral Rooms | Performance Spaces

Perform Acoustics DC-QRD units are designed to be installed in a ceiling grid system or hung independently. Used in ceilings QRD (Quadratic Residue Diffusers) help control room decay by scattering energy in the frequency range from 775 Hz to 2.26 kHz. The scattering and lessening of specular energy create a more “musical space.” Used alone or in combination with other Perform Acoustics DC, RT, and EC Series products, better sound can be achieved in your room.



MECHANICAL SPECIFICATIONS

Core: 0.125 Thermoformed copolymer (recyclable)

Sizes: 2'x2'x 7 wells

Well Depth: 1-1/4", 2-1/2", and 5"

Well Width: 3"

Finishes: Textured white finish, fabric

Mounting: Lay-in ceiling grip system, custom mounting available

Flammability: All components have a Class “A” rating per ASTM E84

ACOUSTICAL SPECIFICATIONS

| Sound Absorption | | | | | | | |
|------------------|-----|-----|-----|------|------|------|--------|
| Hz | 125 | 250 | 500 | 1000 | 2000 | 4000 | N.R.C. |
| DC-QRD | .22 | .50 | .55 | .30 | .10 | .13 | .35 |
| Sound Scattering | | | | | | | |
| Hz | 125 | 250 | 500 | 1000 | 2000 | 4000 | N.R.C. |
| DC-QRD | .09 | .33 | .64 | .81 | .82 | .91 | .87 |