

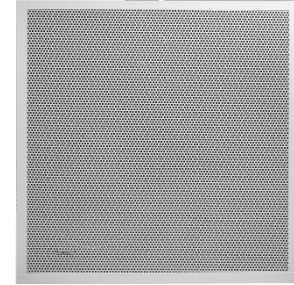
TECHNICAL SPECIFICATION

HIGH-FIDELITY 2' X 2' LAY-IN CEILING SPEAKER SIGNATURE SERIES - MODEL V-1422



FEATURES:

- Excellent Voice and Music Reproduction
- High-Fidelity 6-Watt Amplifier Built-In
- Aesthetically Pleasing White Grille
- Baked Enamel Finish
- Integral Plenum Rated Backbox Meets or Exceeds ASTM E84 Flame & Smoke Test
- Four Seismic Tabs Provided for Additional Mounting Integrity
- Replaces A 2' X 2' Or 1/2 Of A 2' X 4' Ceiling Tile



DESCRIPTION:

Coaxial Speaker assembly with speaker, amplifier and volume control mounted in 2' x 2' grille with integral backbox. Used for high fidelity music and voice reproduction. The speaker/amplifier assembly features an 8" speaker with a 3" tweeter, a steel grille with white baked enamel finish and a 6-watt high fidelity amplifier. A screw driver adjustable volume control is accessible through the perforated grille.

Specifications

AMPLIFIER

Output Power: 6 Watts Operating
Voltage: -24 Vdc
Current Consumption: 200 mA

SPEAKER

WOOFER

Voice Coil Impedance: 8 Ohm
Diameter: 8"
Magnet Weight: 10 oz
Magnet Material: Ceramic

TWEETER:

Voice Coil Impedance: 8 Ohm
Diameter: 3"
Magnet Weight: 3 oz
Magnet Material: Ceramic

SPEAKER/AMPLIFIER

Frequency Response: 60 Hz to 20 kHz
Power Rating: 6 Watts
THD: < .5%
SPL: > 102 dB @ 4' (1.22m)

ENVIRONMENT

Temperature: 32 to +122°F (0 to +50°C)
Humidity: 0-85% Non-Condensing

HOUSING AND FINISH

Steel housing with a baked-on acrylic enamel finish.

DIMENSIONS AND WEIGHT

23.75 "Lx 23.75 "W x 3.75 "D (60.325 cm x 60.33 cm x 9.525 cm)
Weight: 5.5 lbs (2.49 kg)
Shipping Weight: 9.5 lbs (4.28 kg)

ARCHITECTS' AND ENGINEERS

The V-1422 Signature Series High Fidelity Lay-in Ceiling Speaker shall consist of a white two foot by two-foot perforated grille, a speaker and integral backbox. The volume control is accessible through the perforated grille.

The woofer for the V-1422 shall be 8" (20.32 cm) in diameter and have a 10-ounce (284 g) ceramic magnet. The tweeter for the V-1422 shall be 3" (7.62cm) in diameter and have a 3-ounce (85 g) ceramic magnet. Operating temperature shall be +32 to +122°F (0 to +50°C).

The Model V-1422 shall include an amplifier assembly and volume control. The amplifier shall operate on a -24Vdc nominal, positive ground power supply. Operating current shall be 200mA at -24 Vdc.

The baffle shall be constructed with a single piece of perforated steel with a white baked on acrylic enamel finish.

The backbox meets or exceeds A.S.T.M. E84 flame and smoke test and has a three hour burn rating (UL181). Four seismic tabs provided for additional mounting integrity.

Maximum dimensions of the grill shall be: 23.75 "Lx 23.75 "W x 3.75 "D (60.325 cm x 60.33 cm x 9.525 cm). Weight shall be approximately 5.5 lbs (2.49 kg).

Warranty information may be found on our website at www.valcom.com/warranty.