

TECHNICAL SPECIFICATION

HIGH-FIDELITY CO-AXIAL CEILING SPEAKER SIGNATURE SERIES- MODEL V-1420

FEATURES:

- Excellent Voice and Music Reproduction
- High-Fidelity 6-Watt Amplifier Built-In
- Operates on -24 Vdc Power Supply
- White Epoxy Powder Finish Grille
- External Accessible Volume Control



DESCRIPTION:

A flush mount coaxial ceiling speaker used for high fidelity music and voice reproduction. The speaker/amplifier assembly features an 8" speaker with a 3" tweeter, a steel grille with a scratch resistant white epoxy finish and a 6-watt high fidelity amplifier. An externally set volume control with a removable knob is included.

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 constructed from 18-gauge material finished with a baked-on powder coat epoxy finish.

DIMENSIONS AND WEIGHT

12.9 "Dia x 3.5 "D (32.766 cm x 8.89 cm)
Weight: 3.5 lbs (1.59 kg)
Shipping Weight: 4.5 lbs (1.67 kg)

MOUNTING ACCESSORIES

V-9816 Bridge and Backbox

ARCHITECTS' AND ENGINEERS

The V-1420 Signature Series High Fidelity Co-Axial Ceiling Speaker shall consist of a white co-axial speaker, amplifier, volume control, and round grille. The volume control is accessible through the grille using a removable knob.

The woofer for the V-1420 shall be 8" (20.32 cm) in diameter and have a 10-ounce (284g) ceramic magnet. The tweeter for the V-1420 shall be 3" (7.62cm) in diameter and have a 3-ounce (85g) ceramic magnet. Operating temperature shall be +32 to +122°F (0 to +50°C).

The Model V-1420 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 grille shall be finished with a baked-on powder coat epoxy finish.

Dimension shall be 12.9 "Dia x 3.5 "D (32.766 cm x 8.89 cm). Weight shall be approximately 3.5 lbs. (1.59 kg).

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