

Technical Specifications

V-1420 Signature Series™ High-Fidelity Round Ceiling Speaker

- Exceptional frequency response for voice and music reproduction
- Built-in high-fidelity 6-Watt amplifier
- External accessible volume control
- Pop-on, pop-off volume control knob included
- Sturdy steel grille
- Quick and easy installation
- Indoor use only



8in self-amplified
one-way flush mount

Description:

The V-1420 Signature Series™ High-Fidelity Round Ceiling Speaker is self-amplified and designed to provide exceptional quality for clear, intelligible voice messages and music reproduction. The V-1420 high-fidelity speaker broadcasts theater quality sound throughout your organization. Valcom's Signature Series™ High-Fidelity Round Ceiling Speaker are an attractive solution for offices, retail and hospitality environments.

SPECIFICATIONS

SPEAKER ELEMENT

Woofers

Voice Coil Impedance: 8 Ohm

Diameter: 8-inch

Tweeters

Voice Coil Impedance: 8 Ohm

Diameter: 3in

MAGNET

Woofers

Magnet Weight: 10oz

Magnet Material: ceramic

Tweeters

Magnet Weight: 3oz

Magnet Material: ceramic

OUTPUT

> 102 dB @ 4ft (1.22m)

POWER REQUIREMENTS

Operating Voltage: -24 Vdc

Current Consumption: 200 mA

FREQUENCY RESPONSE

60 Hz to 20 kHz

AMPLIFIER MODULE

Output power: 6 Watts

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

13.00in Dia x 3.00in D

(33.02cm x 7.62cm)

Weight: 3.50lbs (1.59kg)

Shipping Weight: 5.15lbs (2.32kg)

MOUNTING ACCESSORIES

V-9816 Bridge and Backbox Assembly

2022 Rev. 7.7.18

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ARCHITECTS AND ENGINEERS

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

The V-1420 Signature Series High-Fidelity Ceiling Speaker woofer shall be 8in (20.32 cm) in diameter and have a 10oz (284g) ceramic magnet. The tweeter shall be 3in (7.62cm) in diameter and have a 3oz (85g) ceramic magnet. Operating temperature shall be +32 to +122 °F (0 to +50 °C).

The V-1420 Signature Series High-Fidelity Ceiling Speaker shall include an amplifier assembly and volume control. The amplifier shall operate on a -24 Vdc nominal positive ground power supply.

Operating current shall be 200mA at -24 Vdc.

The V-1420 Signature Series High Fidelity Ceiling Speaker grille shall be finished with a baked-on powder coat epoxy finish. The volume control located in in the front of the grille is adjustable using a removable knob. The V-1420 shall be suitable for indoor applications.

The maximum dimensions shall be: 13.00in Dia x 3.00in D (33.02cm x 7.62cm). Weight shall be approximately: 3.50lbs (1.59kg).

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