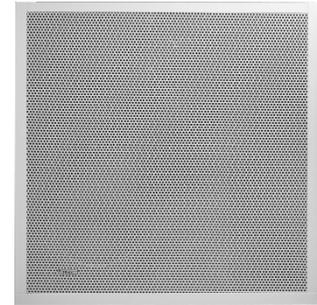


TECHNICAL SPECIFICATION
2' x 2 LAY-IN CEILING SPEAKER
MODEL V-9022-EC



FEATURES:

- Excellent Voice and Music Reproduction
- One-Way Amplified
- Aesthetically Pleasing White Grille
- Baked Enamel Finish
- Integral Plenum Rated Backbox Meets or Exceeds ASTM E84 Flame & Smoke Test
- Replaces a 600mm X 600mm Metric Ceiling Tile



DESCRIPTION:

20.32 cm (8") Speaker assembly with speaker, amplifier and volume control mounted in 600mm x 600mm grille with integral backbox.

Specifications

SPEAKER

20.32 cm (8") Speaker

OUTPUT

Rating: > 96 dB @ 4'
Signal/noise ratio: -70 dB

FREQUENCY RESPONSE

80 Hz to 15 kHz

POWER REQUIREMENT

50 mA at 24 Vdc

HOUSING AND FINISH

Steel housing with a white baked on acrylic enamel Finish

ENVIRONMENT

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

DIMENSIONS AND WEIGHT

600mm L x 600mm W x 95.25mm D (23.62 "H x 23.62 "W x 3.75 "D)
Weight: 2.61 kg (5.8 lbs) **Shipping Weight:** 3.78 kg (8.4 lbs)

ARCHITECTS' AND ENGINEERS

The V-9022-2-EC Lay-in Ceiling Speakers shall consist of a white 600mm by 600mm nominal perforated grille, a speaker and integral backbox. The volume control is accessible through the perforated grille.

The speaker for the V -9022-2-EC shall be 8" (20.32 cm) in diameter and have a 5 oz. (142 g) ceramic magnet. The speaker cone material shall be paper. The speaker impedance shall be 45 ohms. The diameter of the voice coil shall be 75" (1.91 cm) diameter. Operating temperature shall be 0 to +50°C (+32 to +122°F).

The Model V-9022-2-EC shall include an amplifier assembly and volume control. Distortion shall be less than 1.5% at rated output of 1-watt RMS. Signal to noise ratio shall be -70dB. The amplifier shall operate on a -24Vdc nominal power supply. Operating current shall be 50mA 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).

Maximum dimensions of the grill shall be 600mm L x 600mm W x 95.25mm D (23.62 "H x 23.62 "W x 3.75 "D). Weight shall be approximately 2.61 kg (5.8 lbs).

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