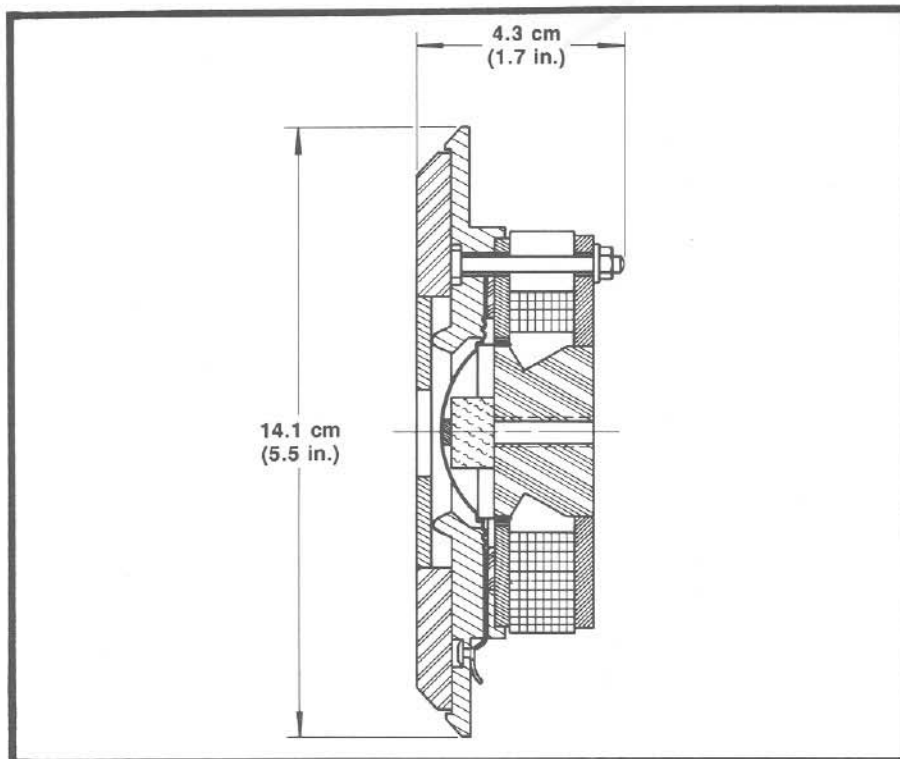
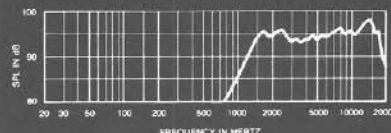




Electro-Voice®
a gulton company



Model 89478 Dome Tweeter

SPECIFICATIONS

Frequency Response:

±3 dB, 1,500-18,000 Hz

Nominal Impedance:

8 ohms

Nominal DC Resistance:

7.5 ohms

Long-Term Average Power Capacity,

Shaped Pink Noise, 8 Hours,

6 dB Crest Factor:

25 watts (1,500-15,000 Hz)

Recommended Minimum Crossover

Frequency:

1,500 Hz

Sound Pressure Level at 1 Meter, 1 Watt

Input Averaged 1,500 Hz to 15,000 Hz:

94 dB

Voice Coil Diameter:

3.81 cm (1.50 in.)

Voice Coil Construction:

Pure aluminum wire wound on
high-temperature polyimide coil form

Diaphragm Construction:

Rugged phenolic impregnated cloth

Magnetic System Weight:

0.68 kg (1.5 lb)

Magnet Material:

Ceramic

Total Gap Flux:

47,000 maxwells

Gap Flux Density:

1.24 T

Dimensions:

14.1 cm (5.5 in.) diameter

4.3 cm (1.7 in.) deep

Net Weight:

1.05 kg (2.3 lbs)

Mounting:

3 off 8-32 clearance holes on
a 4.625 bolt circle

DESCRIPTION

The 89478 dome tweeter is designed for use above 1,500 Hz in high-efficiency, direct-radiating speaker systems. It combines smooth extended high-frequency response with efficient performance. A 3.81 cm (1.5 in.) aluminum voice coil wound on a high-temperature polyimide coil form enables the 89478 dome tweeter to handle 25 watts of input power (most tweeters operate in the 5-watt range), while faithfully reproducing program material with response out to 18,000 Hz. Its wide, uniform dispersion (120 degrees at 5,000 Hz) is especially important in stereo reproduction to allow the largest possible listening area.



ELECTRO-VOICE, INC., 600 Cecil Street, Buchanan, Michigan 49107

MANUFACTURING PLANTS AT ■ BUCHANAN, MI ■ NEWPORT, TN ■ SEVIERVILLE, TN ■ REDMOND, WA ■ GANANOQUE, ONT
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