

# Technical Specifications

## V-1036C/V-1036M High-Efficiency Horn

- Built-in 15-Watt amplifier & volume control
- One-way paging
- High impact ABS housing
- Omni-directional mounting base
- Wall or electrical box mount
- Operates on -24 Vdc power supply
- I-Beam clamp Included
- Quick and easy installation
- Available in beige (V-1036C), gray (V-1036C-GY) and marine white (V-1036M)
- Indoor/outdoor use



*Self-amplified one-way  
15-Watt*

### Description:

The V-1036C/V-1036M is a 15-Watt High-Efficiency Paging Horn that generates high quality voice paging, emergency alerts, and loud ringing for indoor and outdoor installations such as industrial facilities, warehouses, parking lots, stadiums, schools or transportation terminals. The V-1036C marine version is equipped with O-ring seals and resist the deteriorating effects of sun, salt and high humidity making them ideal for use at shipboard and marinas.

The V-1036C/V-1036M includes a Omni-Lock™ Mount for quick and easy installation on multiple surfaces including beams, walls, electrical boxes and other areas.

## SPECIFICATIONS

### INPUT

**Impedance:** 600 Ohms (1 kHz at rated output)

### SOUND PRESSURE LEVELS

121 dB measured at 4ft (1.22m) on axis with a -10dBm input at 1 kHz

### POWER REQUIREMENTS

**Power supply:** -24 Vdc nominal, positive ground

**Operating current:** 750 mA at -24 Vdc

### FREQUENCY RESPONSE

225 Hz to 14 kHz

### AMPLIFIER MODULE

**Rated output:** 15-Watts RMS

**Output load:** 8 Ohms input

### DISPERSION

120° horizontal and 90° vertical

### ENVIRONMENT

**Temperature:** -4 to +131 °F (-20 to +55 °C)

**Humidity:** 0 to 95% non-condensing

### HOUSING AND FINISH

**Horn:** high impact ABS plastic

**Mounting base:** ultra-high impact polycarbonate

**Marine horn:** high impact ASA plastic

### DIMENSIONS AND WEIGHT

7.38in H x 10.00in W x 10.40in D  
(18.75cm x 25.40cm x 26.42cm)

**Weight:** 3.70lbs (1.68kg)

**Shipping Weight:** 6.60lbs (2.97kg)

### MOUNTING

Omni-Directional mounting fully adjustable, 360° horizontal and 160° vertical. Detachable base for wall or electrical box mounting with I-beam clamp included.

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## ARCHITECTS AND ENGINEERS

The High-Efficiency Paging Horn, model V-1036C/V-1036M, shall be reentrant type horns with high frequency diffuser. The High-Efficiency Paging Horn shall be equipped with an amplifier and an externally accessible volume control. The V-1036C/V-1036M shall include a detachable base for wall or single, double or octagon electrical box mounting and omni-directional ball joint mounting bracket to allow precise positioning in the vertical and horizontal planes with a single adjustment. An I-beam mounting clamp shall also be provided. The V-1036M shall be equipped with O-ring seals.

The V-1036C/V-1036M High-Efficiency Paging Horn frequency response shall be 225 Hz to 14 kHz. Dispersion shall be 120° horizontal and 90° vertical. Sound pressure level shall be 121 dB measured at 4ft (1.22m) on axis with an input to the amplifier module being -10 dBm at 1 kHz. Distortion shall be less than 2.0% at rated output of 15-Watts RMS. Output load shall be 8 ohms. Input impedance shall be 600 ohms nominal. The amplifier shall operate on a -24 Vdc nominal, positive ground power supply. Operating current shall be

750 mA at -24 Vdc. Operating temperature shall be -4 to 131 °F (-20 to 55 °C). Operating humidity shall be 0-95% non-condensing.

The V-1036C High-Efficiency Paging Horn shall be constructed of high impact ABS plastic. The mounting base shall be constructed of ultra-high impact polycarbonate plastic. The V-1036M shall be constructed of high impact ASA material that resists deteriorating effects of salt, sun and high humidity. The I-beam mounting clamp shall be constructed of zinc chromate plated steel. The High-Efficiency Paging Horn shall be suitable for indoor and outdoor applications.

The maximum dimensions shall be: 7.38in H x 10.00in W x 10.40in D (18.75cm x 25.40cm x 26.42cm). Weight shall be approximately: 3.70lbs (1.68kg).

Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty).