

FEATURES:

- SOLID METAL HOUSING
- WEATHER-RESISTANT
- UL LISTED
- INCLUDES V-1092 VOLUME CONTROL
- HEAVY DUTY STEEL MOUNTING BRACKET



DESCRIPTION:

Used for high-efficiency reproduction of voice and electronic signals in an explosive or flammable environment. These explosion proof horns are UL Listed approved for use in Class 1, Division 1, Group C & D and Gas Atmospheres. The horn includes a fiberglass projector, built-in 7 watt amplifier, and mounting bracket. Common applications include grain mills, service stations and refineries.

Specifications:

SOUND PRESSURE LEVEL

>115 dB at 4 feet

FREQUENCY RESPONSE

250 Hz to 12 kHz

DISPERSION

120° Horizontal and 60° Vertical

AMPLIFIER MODULE:

Output: 7 Watts

Input Impedance: 600 Ohms

Power Supply: -24 Vdc nominal, positive ground

Operating Current: 1.0 Amp max at -24 Vdc

HOUSING AND FINISH

The horn is molded of rigid fiber glass. The driver is all metal construction with gray epoxy finish.

ENVIRONMENT

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

Humidity: 0-95% Non-Condensing

DIMENSIONS AND WEIGHT

6.0 "H x 14.0 "W x 17.5 "D (15.24 cm x 35.56 cm x 44.45 cm)

Weight: 19.0 lbs (8.55 kg)

Shipping Weight: 21.5 lbs (9.675 kg)

MOUNTING

Removable Steel Bracket

ARCHITECTS' AND ENGINEERS

The Explosion Proof Horn, Model V-1039A shall be a high efficiency, re-entrant explosion proof horn. It shall be equipped with a removable compression driver. A removable steel mounting bracket allows easy positioning in the vertical and horizontal planes.

The frequency response of the horn shall be 250 Hz to 12 kHz. Dispersion shall be 120° horizontal and 60° vertical. Sound pressure level shall be greater than 115 dB @ 4 feet on axis.

The explosion paging horn shall be equipped with a built-in amplifier. Amplifier output is 7 watts. Input impedance shall be 600 ohms nominal. The amplifier shall operate on a -24 Vdc, positive ground power supply. Operating current shall be 1.0 Amp at -24 Vdc. Operating temperature shall be -4 to 131 °F (-20 to 55 °C). Operating humidity shall be 0-95% noncondensing.

The bell housing shall be molded of gray fiberglass. The driver shall be all metal construction with a gray epoxy finish. Dimensions shall be 6.0 "H x 14.0 "W x 17.5 "D (15.24 cm x 35.56 cm x 44.45 cm). The weight shall be 19.0 lbs (8.62 kg).

LIMITED WARRANTY

Valcom, Inc. warrants its products to be free from defects in materials and workmanship under conditions of normal use and service for a period of one year from the date of shipment. The obligation under this warranty shall be limited to the re-placement, repair or refund of any such defective device within the warranty period, provided that:

1. inspection by Valcom, Inc. indicates the validity of the claim,
2. the defect is not the result of damage, misuse, or negligence after the original shipment,
3. the product has not been in any way repaired by others and that factory sealed units are unopened (A service charge plus parts and labor will be applied to units defaced or physically damaged).
4. freight charges for the return of products to Valcom, Inc. are prepaid,
5. all units "out of warranty" are subject to a service charge. The service charge will cover minor repairs (major repairs will be subject to additional charges for parts and labor)

This warranty is in lieu of and excludes all other warranties expressed or implied, and in no event shall Valcom, Inc. be liable for any anticipated profits, consequential damages, loss of time or other losses incurred by the buyer in connection with the purchase, operation or use of the product.

This warranty specifically excludes damage incurred in shipment. In the event a product is received in damaged condition, the carrier should be notified immediately. Claims for such damage should be filed with the carrier involved in accordance with the F.O.B. point.