

Technical Specifications

S-660A Explosion-Proof Paging Horn

- 25/70 Volt transformer
- Fiberglass horn
- 30-Watt compression driver
- UL and CSA approved
- Indoor/outdoor use



30-Watt
25/70 Volt

Description:

The S-660A is designed for high-efficiency reproduction of voice and electronic signals in an explosive or flammable environment. The S-660A Explosion-Proof Horns is UL and CSA approved for use in Class 1, Division 1, Groups C & D: Gas Atmospheres. The S-660A horn includes a fiberglass projector, 30-watt driver, 25/70 Volt transformer and mounting bracket. Common applications include service stations and refineries.

SPECIFICATIONS

SOUND PRESSURE LEVEL

109 dB 1 W, 1 kHz at 1 meter on axis

POWER INPUT TO DRIVER

30-Watts continuous

LINE TRANSFORMER

25/70 Volt input

TRANSFORMER TAPS

70 V: 30, 15, 7.5, 3.7, 1.8 Watts

25 V: 15, 7.5, 3.7, 1.8 Watts

DISPERSION

120° horizontal and 60° vertical

FREQUENCY RESPONSE

250 Hz - 12 kHz

ENVIRONMENT

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

Humidity: 0-95% Non-condensing

HOUSING AND FINISH

Horn: Gray fiberglass

Driver: Metal with gray epoxy finish

Bracket: Heavy duty steel

MOUNTING

Removable steel bracket.

DIMENSIONS AND WEIGHT

6.00in H x 14.00in W x 17.50in D
(15.24cm x 35.56cm x 44.45cm)

Weight: 19.00lbs (8.64kg)

Shipping Weight: 22.70 (10.32kg)

2022 Rev. 3.6.9

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ARCHITECTS AND ENGINEERS

The Explosion-Proof Paging Horn, model S-660A shall consist of a high-efficiency, re-entrant horn, a fiberglass projector, a 25/70 Volt transformer with volume level taps at 30, 15, 7.5, 3.7 and 1.8 Watts at 70V, 15, 7.5, 3.7, and 1.8 Watts at 25V, a removable compression driver and a removable mounting bracket.

The S-660A Explosion Proof Horn frequency response shall be 250 Hz to 12 kHz. The continuous power rating of the horn shall be 30 -Watts. Dispersion shall be 120° horizontal and 60° vertical. Sound pressure level with a 1-Watt input shall be 109 dB @ 1 W, 1 kHz, 1 meter on axis.

The S-660A Explosion-Proof Paging Horn shall be molded of gray

fiberglass. The driver shall be constructed of metal with a gray epoxy finish. The adjustable mounting bracket shall be constructed of heavy duty steel that allows easy positioning in the vertical and horizontal planes. The Explosion-Proof Paging Horn shall be suitable for indoor/outdoor applications.

Maximum dimensions shall be: 6.00in H x 14.00in W x 17.50in D (15.24cm x 35.56cm x 44.45cm) Weight shall be approximately: 19.00lbs (8.64).

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