

# Technical Specifications

## S-604/S-604-25 4-Watt FlexHorn™

- 70 Volt or 25 Volt transformer
- All stainless-steel hardware
- Flexible mounting  
Recessed, or surface
- Available in beige (-BGE) gray (-GY), white (-W)
- Indoor/outdoor use



25 or 70 volt  
one-way/talkback compatible

### Description:

The S-604/S-604-25 FlexHorn is a compact horn designed to provide voice paging and background music. Suitable for low ceilings and areas with low to moderate noise levels. It is an ideal solution for settings such as car washes, operating rooms and food processing plants.

## SPECIFICATIONS

### SPEAKER

3.50in (8.90cm)

### SOUND PRESSURE LEVEL

98 dB at 1 meter on axis with 1-Watt input at 1 kHz

### LINE TRANSFORMER

S-604: 70 V Transformer

S-604-25: 25 V Transformer

### TRANSFORMER TAPS

4, 2, 1, and 0.5 Watts

### FREQUENCY RESPONSE

400 Hz - 10 kHz

### POWER RATING

4-Watts continuous

### HOUSING AND FINISH

FlexHorn: High impact ABS

Bracket: 16 AWG CRS and black E-Coat finish.

Hardware: stainless steel.

### ENVIRONMENT

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

Humidity: 0-95% Non-condensing

### DIMENSIONS AND WEIGHT

6.80in H x 8.30in W x 3.30in D

(17.27cm x 21.08cm x 8.38cm)

Weight: 2.10lbs (0.95kg)

Shipping Weight: 4.90lbs (2.22kg)

2022 Rev. 3.7.6

**Clarity**  
by Valcom

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## ARCHITECTS AND ENGINEERS

The 4-Watt FlexHorn, model S-604/S-604-25 shall consist of a high efficiency re-entrant type horn with a 25 or 70 Volt transformer. A universal mounting bracket and "I" beam clamp shall be included for mounting.

The S-604/S-604-25 FlexHorn may be used as a one-way or two-way (talkback) speaker. This functionality is determined by the equipment used to source audio to/from the speaker.

The S-604/S-604-25 FlexHorn frequency response shall be 400 Hz to 10 kHz. The FlexHorn shall have a continuous power rating of 4-Watts. Sound pressure level with a 1-watt input @ 1 kHz shall be 98 dB measured at 1 meter on axis.

The S-604 FlexHorn shall operate on 70 Volt speaker lines. The S-604-25 shall operate on 25 Volt speaker lines. The S-604/S-604-25 shall have tap settings of 4, 2, 1 and 0.5 Watts.

The S-604/S-604-25 housing shall be constructed of high impact ABS and shall be available in gray, white or beige. All hardware shall be stainless steel. The universal bracket shall be constructed of 16 AWG CRS and finished with a black E-Coat. The S-604/S-604-25 FlexHorn shall be suitable for indoor/outdoor applications.

The S-604/S-604-25 is designed for recessed or surface mounting. Recessed mount can be mounted into a wall, surface mount can be mounted to a wall or ceiling using the adjustable mounting bracket (included) or to steel "I" beams using a "C" clamp (included).

Maximum dimensions of the baffle shall be: 6.80in H x 8.30in W x 3.30in D (17.27cm x 21.08cm x 8.38cm). Weight shall be approximately: 2.10lbs (0.95kg).

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