

Weatherproof Devices

VF4029-X0 (24V Low Profile Evacuation Horn)

VF4006-X0 (24V Low Profile Evacuation Outdoor Strobe)

VF4007-X0 (24V Low Profile Evacuation Outdoor Horn / Strobe)



Product Overview

The Outdoor VES Series offers dependable visible and/or audible alarms for all outdoor needs. Included with the VES Series is the VF4008 outdoor enclosure. The enclosure is made of high quality Lexan material, providing protection from weather related conditions and allowing the necessary full candela output. This highly constructed enclosure meets various installation requirements including deterring moisture from entering the enclosures.

The Outdoor Series is equipped with the 4" mounting plate which incorporates the Super-Slide™ feature that allows the installer to easily test for supervision. The product also features a locking mechanism which secures the product to the bracket without any screws showing. The VES Series also features the Checkmate™ - Instant Voltage Verification feature which allows the installer to check the voltage without removing the signal. The VES Series strobe has a minimal operation current and has a minimum flash rate of 1Hz and can vary up to 2Hz regardless of input voltage.

The VES Series appliances are UL 464 and UL 1638 listed for use with fire protective systems and are warranted for three years from date of purchase.

Standard Features

- Nominal Voltage 24VDC
- Unit is Shipped with UL1638 listed VF4006 Candela Strobe or VF4007 Candela Horn/Strobe
- Unit Dimensions: VF4008 5.75" High x 4.75" Wide x 4.18" Deep
- To Obtain Outdoor Horn, Must Order VF4029 and VF4008 Separately
- Super-Slide™ - Ease of Supervision Testing
- Checkmate™ - Instant Voltage Verification
- Lower Installation and Operating Costs
- Switch Selection for High dBA
- Switch for Mechanical and 2400Hz Tone
- Switch for Continuous Tone
- Tamperproof Re-entrant Grill
- Wide Voltage Range 16-33 VDC or FWR
- Separate Horn and Strobe Functions
- Synchronize Strobe and/or Horn by Using VES Synchronization Control Module
- Listed for UL1638 when used with the VF4008 enclosure
- VF4008 Made of Clear Lexan - Provides Maximum Visibility and Reliability for effective Visible Signaling - Allowing Full 75cd Output
- Input Terminals 12 to 18 AWG
- Faceplate available in Red or Off-White



VF4004 Ordering Codes

Part No.	Description	Reverberant dBA @ 10ft. Per UL 464	In Anechoic Room dBA @ 10ft.
VF4029-10	24V Low Profile Evacuation Horn - Red Faceplate	70-82	100
VF4029-30	24V Low Profile Evacuation Horn - Off-White Faceplate	70-82	100
VF4006-10	24V Low Profile Evacuation Outdoor Strobe - Wall Mount, Red Faceplate	N/A	N/A
VF4006-30	24V Low Profile Evacuation Outdoor Strobe - Wall Mount, Off-White Faceplate	N/A	N/A
VF4007-10	24V Low Profile Evacuation Outdoor Horn/ Strobe - Wall Mount, Red Faceplate	70-82	100
VF4007-30	24V Low Profile Evacuation Outdoor Horn/ Strobe - Wall Mount, Off-White Faceplate	70-82	100
VF4008-00	Outdoor Enclosure	N/A	N/A

NOTES The VES Outdoor Series is listed for outdoor use. Indoor Operating Temperature: 32° to 120°F (0° to 49°C). Outdoor Operating Temperature: -31° to 150°F (-35° to 66°C). For nominal and peak current across UL regulated voltage range for filtered DC power and unfiltered (FWR [Full Wave Rectified]) power, see installation manual.

VES does not recommend using a coded or pulsing signaling circuit with any of our strobe products

VES Outdoor Product Strobe Current Ratings

Candela 15cd

24 VDC 112 mA

UL Max¹ 180 mA

¹RMS current ratings are per UL average RMS method. UL max current rating is the maximum RMS current within the listed voltage range 16-33VDC for 24VDC units. For strobes, the UL max current is usually at the minimum listed voltage 16VDC for 24VDC units. For audibles the max current is usually at the maximum listed voltage. For unfiltered FWR ratings, see installation manual.

Horn Mode	Minimum dBA @ 10ft. per UL464 (HIGH)	Reverberant dBA @ 10ft per UL464 (LOW)	Regulated 24VDC Max. Operating @ High Setting (mA)
Temp 3 2400Hz	78	71*	28
Temp 3 Mechanical	76	70*	25
Temp 3 Chime	70*	66*	15
Continuous 2400Hz	81	74*	28
Continuous Mechanical	80	72*	25
Continuous Chime	70*	66*	15
Whoop	82	69*	56

*Operating the horn in this mode at this voltage will result in not meeting the minimum UL reverberant sound level required for public mode fire protection service. These settings are acceptable only for private mode fire alarm use. Use the high dBA setting for public mode application (not applicable when using the chime tone. The chime tone is always private mode).

NOTES The sound output for the temporal 3 tone is rated lower since the time the horn is off is averaged into the sound output rating. While the horn is producing a tone in the temporal 3 mode its sound pressure is the same as the continuous mode. To obtain the horn/strobe current draw, add the strobe current draw and the horn current draw.