



Model 7V8 OMNIDIRECTIONAL SIREN

- **2,500 foot effective range**
- **Available in AC or DC for battery operation**
- **Horns allow for optimal sound penetration**
- **Perfect choice for maximum warning on a limited budget**



DESCRIPTION

The Model 7V8 outdoor warning siren is an omni-directional siren capable of producing intense warning signals over a large area. This highly efficient siren produces a single tone sound level of 112dBC at 100 feet on axis while making moderate power source demands. The siren can be easily mounted on any flat surface, roof, or utility pole. The Model PMB pole mount bracket is used to mount this siren on a standard utility poletop.

FEATURES

The Model 7V8 has a universal motor which operates from either 230/460 Volts AC, single or three-phase, or 72 Volts DC for battery operation. The vertical axis siren mechanism is enclosed in a metal housing which is powder coated for the most durable finish available. The motor fan and housing are constructed from non-corrosive cast aluminum. A motor starter is required to operate the siren, while a siren controller is needed to enable the siren to produce the required signals. The Vedette Siren Activation System is recommended for fire department applications, while several other timers are available for weather emergencies and other public warnings. Siren controllers can be configured for local or remote activation, including wireless (radio) control. All outdoor warning equipment is easily installed by any licensed electrician.



AUDIOTECH DIGITAL SIGNAL CORPORATION

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MODEL 7V8 SIREN SPECIFICATIONS

Outdoor Rating: 112 dBC @ 100' on axis (30.5 m)

Effective Range: 70 dBC @ 2500' (762 m)

(based on a 10 dB loss factor)

Siren Type: Omnidirectional

Tone: Single **Output Frequency:** 460 Hz

SIGNALS AVAILABLE*

Vedette: User-adjustable Wail & Timed Steady
Custom Timing upon request

Required Motor Controls: S5 (3-phase AC); S6 (single phase AC); Add suffix W for weathertight case

Pole Mounting: Model PMB recommended
(See Options)

DIMENSIONS

Height: 41" (1 m)

Diameter: 56" (1.42 m)

Max. Mounting Base: 19" sq. (48 cm)

Siren Weight: 350 lbs (158 kg)

Motor Control Weight: 15 lbs (7 kg)

Recommended Mounting Height: 35' - 40' (9-11 m)

POWER REQUIREMENTS

230 VAC, 60 Hz, 37 A, single phase (model 7V8-1P)

208/230/460 VAC, 60Hz, 19 A, three phase (model 7V8-3P)

72 VDC uses 120 VAC, 50/60Hz, 5A charge circuit (model 7V8-B)

AC powered motors can be configured for 50Hz

Power Rating: 7½ HP

OPTIONS

PMB Pole Mount Bracket 46 lbs. (21 kg)

no stand is needed for flat surface mounting

* Motor controls are required for operation of the Model 7V8 siren and must be purchased separately. The Vedette Siren Activation System is sold separately.



Optional Pole Mount Bracket
for 7V8 series siren (PMB)



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