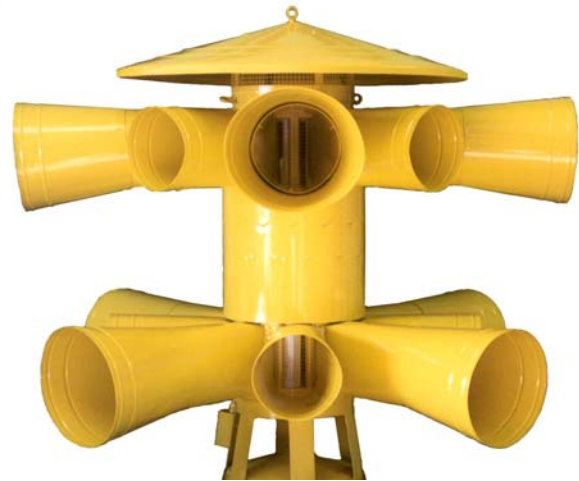




# Model 10V2T OMNIDIRECTIONAL SIREN

- **4,000 foot effective range**
- **Available in single or 3-phase AC power**
- **Two-tone sound quickly captures attention**
- **Fan cooled motor for maximum reliability**



## DESCRIPTION

The Model 10V2T outdoor warning siren is an omni-directional siren capable of producing intense warning signals over a large area. This highly efficient siren produces a dual tone sound level of 120dBC at 100 feet for maximum effectiveness. This 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 10V2T uses a 10HP motor which operates from 208/230/460 Volts AC 3-phase or 230 Volts AC single phase. 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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# (800) 99-SIREN

## MODEL 10V2T SIREN SPECIFICATIONS

**Outdoor Rating:** 120 dBC @ 100' on axis (30.5 m)

**Effective Range:** 70 dBC @ 4000' (1.2 km)

(based on a 10 dB loss factor)

**Siren Type:** Omnidirectional

**Tone:** Dual

**Output Frequency:** 460 Hz and 920 Hz

### SIGNALS AVAILABLE\*

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

**Required Motor Controls:** 10V2T-1P: S8; Add suffix W for weathertight case. *Single phase version requires two starters.*  
10V2T-3P: S7; Add suffix W for weathertight case.

**Pole Mounting:** Model PMB recommended (see Options)

### DIMENSIONS

**Height:** 66" (1.65 m)

**Diameter:** 78" (1.98 m)

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

**Siren Weight:** 600 lbs (272 kg)

**Motor Control Weight:** 15 lbs (7 kg)

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

### POWER REQUIREMENTS

208/230/460 VAC, 60Hz, 24 A, three phase (model 10V2T-3P)

230 VAC, 60Hz, 74A, single phase (model 10V2T-1P)

**Power Rating:** 10 HP (single phase version uses two 7½ HP motors)

### 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 10V2T siren and must be purchased separately. The Vedette Siren Activation System is sold separately.



Optional Pole Mount Bracket  
for 10V2T series siren



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