



STH10

OMNIDIRECTIONAL SIREN

- **Powerful siren covers wide area**
- **Reliable design provides decades of service**
- **3-phase design makes moderate power demands**
- **Best siren choice for rural fire departments**



DESCRIPTION

The STH10 is an omnidirectional outdoor warning siren capable of a sound level of 115dBC at 100 feet on axis. Its high efficiency design provides many years of reliable, maintenance free service, making the STH10 the most cost effective choice for fire departments and other agencies operating on a limited budget. This siren can be easily mounted on a standard utility pole, or on any flat surface with the optional roof mounting stand. Controlling the siren with the FC controller makes radio activation possible in remote areas, while the Vedette Siren Activation System is the preferred controller when using the STH10 for fire department operations.

FEATURES

Twelve megaphonic sound projectors are evenly spaced around the stator with protective screens installed in both the air intake and throat of each projector. The motor is vertically installed with the stator attached to the motor housing. The rotor is mounted on the drive shaft. An eyebolt is attached to the top of the motor to provide a convenient lifting point when installing the siren. Where needed, 2-way control can be added to this siren to allow reporting capabilities for applications that require it. 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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STH10 SIREN SPECIFICATIONS

Outdoor Rating: 115 dBC @ 100' on axis
Effective Range: 2400 feet
Siren Type: Omnidirectional
Tone: Single
Output Frequency: 675 Hz

SIGNALS AVAILABLE*

Vedette: User-adjustable Wail
FC Controller: Wail, Steady and Fast Wail (non-adjustable)
Beam Width: 360° Horizontal
Required Motor Controls: RC5W or standard motor starter (indoor/outdoor)
Pole Mounting: included with equipment
Roof Mounting: Model RMS stand (See Options)

DIMENSIONS

Height (with pole mount): 74" (199 cm)
Diameter: 48" (123 cm)
Siren Weight: 400 lbs (182 kg)
Recommended Mounting Height: 35' - 40' (9-11 m)

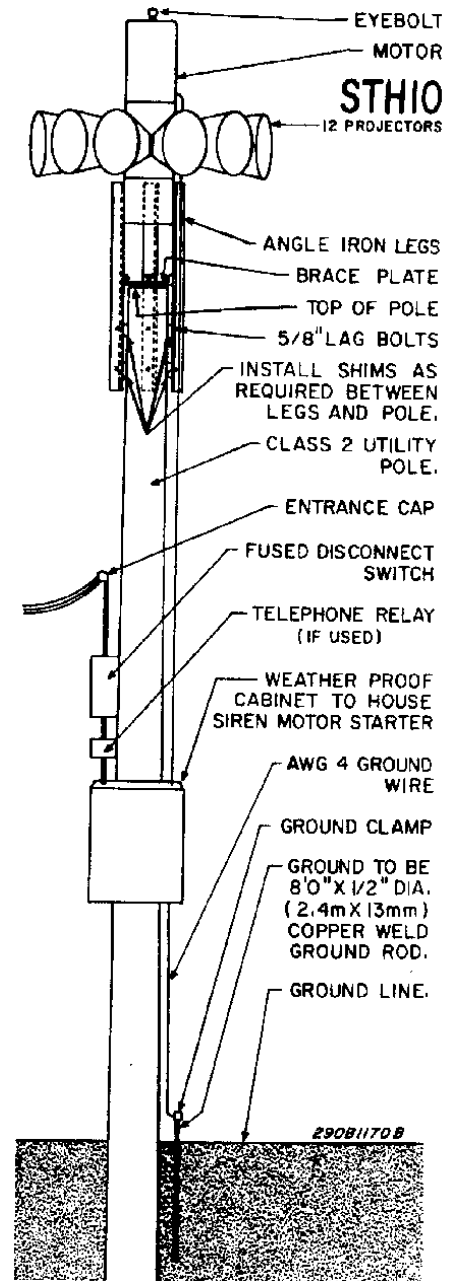
POWER REQUIREMENTS

208-240/480 VAC, 34/17 A, three phase
Power Rating: 7½ HP

OPTIONS

RMS Roof Mount Stand (30lbs., 14kg.)
no stand is needed for utility pole top mounting

* Motor controls are required for operation of the STH10 siren and must be purchased separately. The Vedette Siren Activation System and FC Controller are sold separately.



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