



DESIGNED FOR OUTDOOR WARNING

- High efficiency design requires only moderate power
- Two-tone siren covers a 360° area
- Requires 240VAC or 480VAC (3 phase) power supply
- 115dBc @ 100 ft. (30m)
- Utility pole mount standard and roof mount optional

Omni-Directional Siren

Model STH10

Federal Signal's Model STH10 outdoor warning siren is an omni-directional siren capable of producing high-intensity warning signals over a large area. The siren can be installed on a utility pole or roof. Model STH10 produces a high sound level (115dBc at 100 feet on axis – 30 meters) with a top sound frequency of 675Hz while making only moderate power source demands.

A Federal Signal Model RC5W motor starter is required to operate the siren. The three-phase motor operates from 208-240 or 480VAC, 34/17A., 50/60Hz.

Twelve megaphonic sound projectors are evenly spaced around the stator with protective screens installed on both the air intake and throat of each projector. The motor is vertically positioned with the stator attached to the motor housing and the rotor mounted on the driveshaft. An eyebolt is attached to the top of the motor to provide a convenient lifting point.

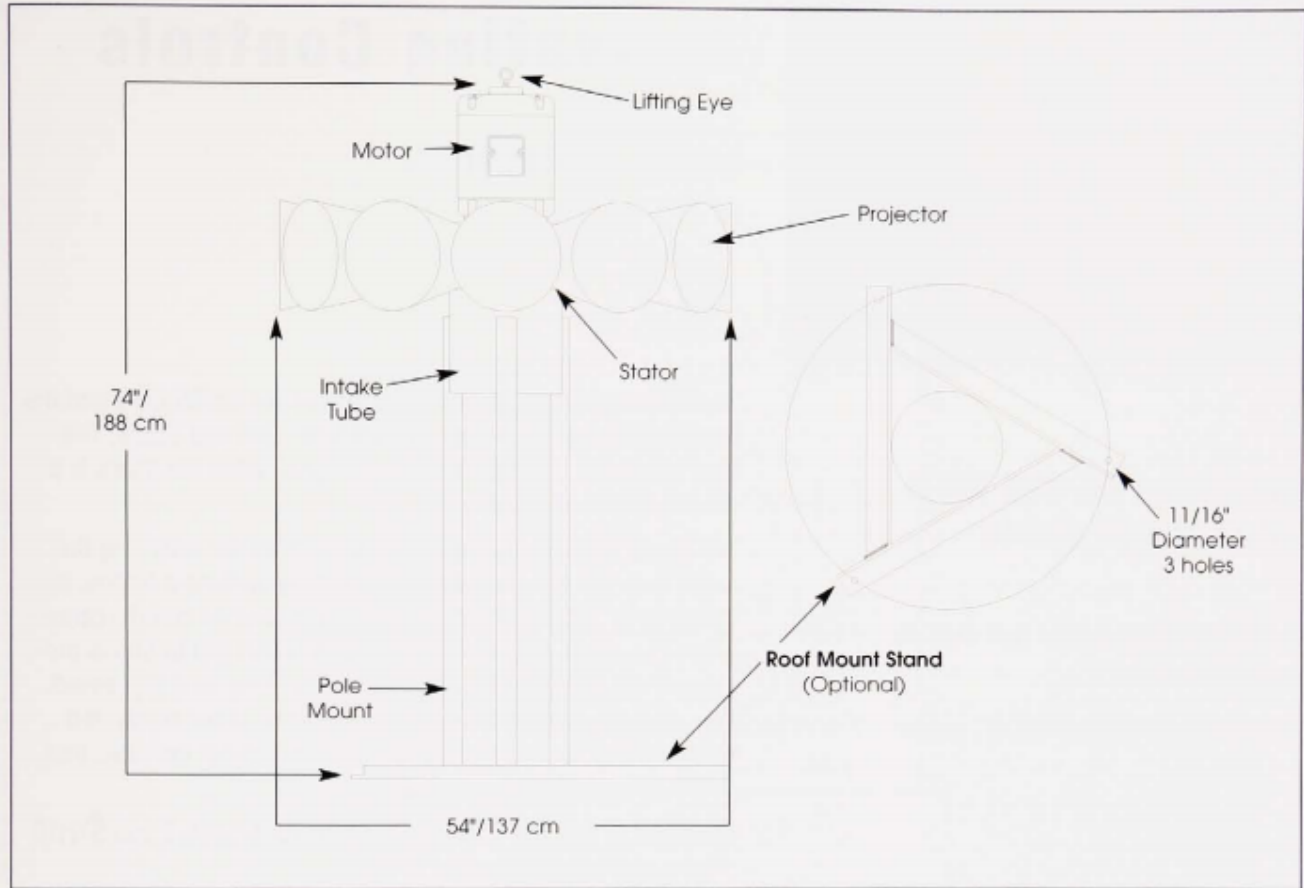
The siren is capable of producing a STEADY and a WAIL signal. An optional Model AR Timer can be purchased separately.

Model STH10 can serve as an outdoor, plant-wide warning system where volume is needed to contrast with high ambient industrial sounds. It is ideal for use in large, wide open areas found in industrial facilities such as refineries, steel mills, and manufacturing plants. The STH10 can be used for signaling start/stop work, evacuation, or other emergency situations.

| Model | Voltage | Decibels @ 100' (30m) | Output Frequency | Beam Width |
|------------|---------|-----------------------|------------------|------------|
| STH10-240P | 240VAC | 115dBC | 675Hz | 360° |
| STH10-480P | 480VAC | 115dBC | 675Hz | 360° |



OMNI-DIRECTIONAL SIREN (STH10)



SPECIFICATIONS

| | | |
|--------------------------------|--|-------------------------------------|
| Net Weight: | 360 lbs. | 163.3 kg |
| Shipping Weight: | 400 lbs. | 181.4 kg |
| Height (including pole mount): | 74" | 188 cm |
| Diameter: | 54" | 137 cm |
| Recommended | | |
| Mounting Height: | 35-45 feet | 10.7-13.7 m |
| Available Tones: | | 1 standard 2 with Model AR timer |
| Effective Range: | 2,400 feet | 731.5 m |
| | (standard operating range @ 70dBc for various signals) | |
| Power Rating: | 7.5 HP | 7.5 HP |
| Power Requirements: | | |
| | 208-240VAC or 480VAC 50/60Hz | 34/17A, 3-phase |

HOW TO ORDER

- Specify model and voltage (Pole mount stand is standard)
- Specify Motor Starter (RC5WA)
- Specify options:
 Timer (AR)
 Roof Mount Stand (RMS-G)
 Radio Activated Controller (FC)