

10V

Premium Warning Siren

Tested, established, proven and trusted.....

SENTRY SIREN Inc.



Dependability, we all want it, in our cars, dishwashers, lawnmowers, even in ourselves. The 10V, introduced in 1981, was designed to be just that. With over 5,000 units in service world-wide, this rock solid siren is our cornerstone. Of course, this siren is 100% FEMA and USDA grant compliant, and with a 10 HP, continuous duty motor pushing it's aluminum rotor, this siren produces 115 dB(c) @ 100 ft. continuously*. This rating is not just for 25% of its cycle time, like its rotating competitors, but for 100% of its full RPM run time. Plus, this sound output is produced in a 460 Hz tone, the lowest pitch in the industry. Therefore, its sound will fade at a lower rate than its competitors, giving the user more distance per decibel. This pitch has been shown to stand up to

wind fade and tree cover better than its high pitch competitors.

The 10V utilizes staged horn projectors, 4 long and 4 short. This design helps to spread sound over the coverage area more evenly, balancing the need for short distance penetration with long distance throw. Again, like all our products, the 10V is backed with the industry's longest warranty and best customer service.

The 10V's exposed siren components are of powder coated metals, providing the most durable finish available. The siren can be upgraded to Stainless Steel for use in harsh environments. Another state of the art system from Sentry Siren, created with tried and true technology for a winning combination.

- **100% Maintenance Free**, not just the siren, the whole system!
- **Non-Rotating**: Forget the worries of rotating sirens, this unit has only two moving parts and does not require lubrication or any type of scheduled adjustment or maintenance.
- **Compatibility**: This siren will integrate seamlessly with most existing siren systems.
- **5 year Warranty**: rest assured your siren will be functional at all times and enjoy the confidence of free lifetime tech support and the best customer service in the industry.

ELECTRO-MECHANICAL SIRENS

produce stronger and further reaching sound than electronic sirens while providing far better reliability.

OMNI-DIRECTIONAL DEVICES

"..present a distinct advantage.. over rotational devices," according to FEMA's warning system guide. It says "a rotational device will have an overall lower dB level when assessed across a given time period than an Omni-directional device operating at the same frequency. " (4.4.5 FEMA OWS Technical Bulletin 2.0) Further, the guide states: "Omni-directional sirens provide a greater area of coverage than do rotating or directional devices. They provide a more constant signal that improves public alerting..." (4.4.5 FEMA OWS Technical Bulletin 2.0)

10V

Premium Warning Siren

Performance

This siren is rated by Sentry @ 115 dB(c) at 100 ft.*

Estimated sound radius is 3,300 ft. continuous.**

Sound pattern is Omni-Directional producing 100% volume at peak RPM 100% of the siren cycle time.

The 10V produces a 460 Hz pitch.

Power Requirements

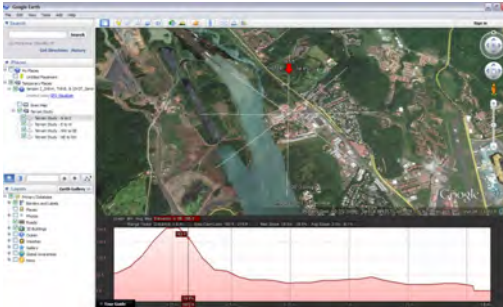
Three Phase Siren:

10 HP: 208/230 (460V-special order), 60 Hz
NP/NEC FLA (230V) - 24.0 / 28.0
Uses Starter # S7W

Single Phase Siren:

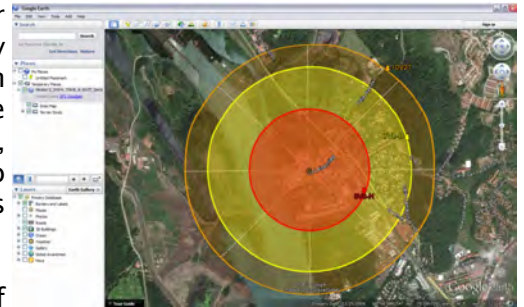
10 HP: 208/230, 60 Hz
NP/NEC FLA (230V) - 48.0 / 50.0
Uses Starter # S8W

Additional Services / Accessories



Need a site design? One of our engineers will work with you step by step to determine the optimum location for your siren(s). We analyze topography and terrain, population, available infrastructure, and more to design a siren system that best suits your community's needs.

Best of all, this is done 100% free of charge, no obligation!



Siren Starters and Controllers:

Our "S" series siren motor starters and "Generation" series siren controllers make powering and activating your siren simple and easy. Call us today and let our knowledgeable staff help you select the perfect control solution for your system!



"S" series motor starter



GEN-1 manual controller



GEN-3 radio controller

Be sure to ask about our full line of siren activation, weather monitoring and communication packages including "Storm Sentry", the world's first fully automatic siren activation system, "S.T.A.R.", our state-of-the-art report-back status monitoring system, and "E.P.I.C.", the world's first PC-based FEMA IPAWS interface.



* - Sentry rating based on field tests using FEMA Guidelines; assumes perfect conditions, actual coverages may vary based on multiple factors. No guarantee is expressed or implied concerning dB or SPL of sirens.

** - Based on FEMA guidelines of 9 dB drop and assumes perfect conditions, actual coverages may vary based on unforeseen factors. No guarantee is expressed or implied concerning sound coverage of sirens.