

3V8

Premium Warning Siren

Unmatched Power, Reliability, and Performance



SENTRY SIREN Inc.

- **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.



A power packed, entry-level siren, the 3V8 is our first step into large scale, warning sirens. With its low power demands this compact siren is meant for spot signaling or industrial warning. Designed for single siren installations, this siren is FEMA and USDA grant compliant. This 5 Horsepower performer is rated at 107 dB(c) @ 100 ft. continuous*. Not just for 25% of its cycle time, like its rotating competitors, the 107 dB measurement is for 100% of its full volume run time. Plus, this 107 dB is produced in a 460 Hz tone, the lowest pitch in the industry; meaning 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. Plus, its projection skirt is meant for projecting sound down and flooding the immediate vicinity with intense warning signals.

The 3V8 is available in single or three phase power. All 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. Shipping weight of the siren is 325lbs.

Couple the 3V8 with the Generation 3 or Generation 1 series siren controller, a motor starter and pole mounting bracket for a state of the art system created with tried and true technology for a winning combination.

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)

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Performance

This siren is rated by Sentry @ 107 dB(c) at 100 ft.*

Estimated sound radius is 1,600 ft. continuous.**

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

3V8 produces 460 Hz pitch

Power Requirements

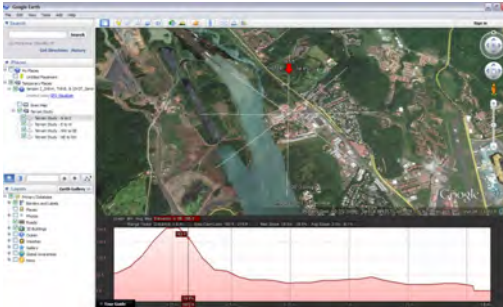
Three Phase Siren:

5 HP: 208/230 (460V-special order), 60 Hz
NP/NEC FLA (230V) - 12.0 / 15.0
Uses Starter # S3W

Single Phase Siren:

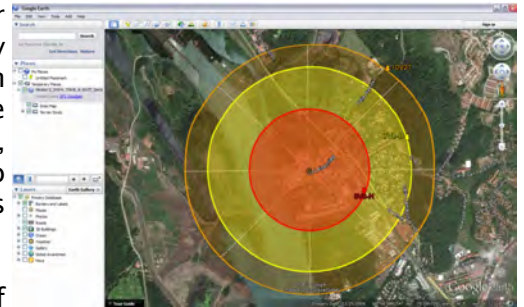
5 HP: 208/230, 60 Hz
NP/NEC FLA (230V) - 23.0 / 28.0
Uses Starter # S4W

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.