

# 3V8-H

## Premium Warning Siren

Big Coverage Area, Small Price, Huge Smile.....



**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.

The power-packed, entry-level siren in our family is the 3V8-H. With over 3,000 units in service world-wide, this rock solid unit has seen it all. At a price point anyone can appreciate, this siren is 100% FEMA and USDA grant compliant. With a 5 HP, continuous duty motor pushing its aluminum rotor, this siren produces 109 dB(c) @ 100 ft. continuously\*. Peak volume is not just for 25% of its cycle time, like its rotating competitors, but for 100% of its full RPM run time. Plus, the 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. At home in a variety of

environments, the 3V8-H is a seamless fit in the Mining, Industrial, Shipping, and Manufacturing industries. Of course, the majority of 3V8-H's will find their way to the tops of utility poles where they will warn of approaching tornadoes or burning fires. Like all our products, the 3V8-H is backed with the industry's longest warranty and best customer service.

The 3V8-H'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. The 3V8-H, another state of the art system from Sentry Siren, 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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## Premium Warning Siren

### Performance

This siren is rated by Sentry @ 109 dB(c) at 100 ft.\*

Estimated sound radius is 2,000 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

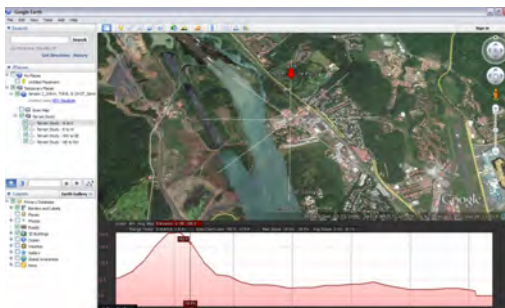
Three Phase Siren:

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

Single Phase Siren:

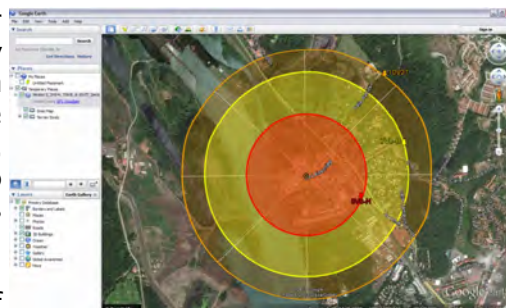
5 HP: 208/230, 60 Hz  
NP/NEC FLA (230V) - 23.0 / 28.0  
Uses Starter # S4W

## 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.