

7V8-B

Premium Warning Siren

Big power, small package, budget friendly....

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 middle-weight of our siren family is the 7V8-B. Proven, low pitch sound and battery functions make this siren the go to choice for small communities. Priced to compete, this siren is 100% FEMA and USDA grant compliant. This 8 HP siren is rated at 121 dB(c) @ 100 ft. continuous*. This rating is not just for 25% of its cycle time, like its rotating competitors, the 121 dB measurement is for 100% of its full RPM run time. Plus, this 121 dB 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.

A feature worth noting is the length of time that the 7V8-B siren will run on its battery reserve. As is common in the United States, storms frequently come in lines over a 3 or 4 hour period. If your first storm knocks out

power, you may need a siren which can be sounded 6 or 7 times before power is restored. The Sentry model 7V8-B can sound 10 full 3 minute signals using its battery reserve, that's more than double the reserve capacity of its competitors.

The 7V8-B features an ultra durable AC/DC transformer / Rectifier / Diode Bridge, which provides true UPS backup for users who want the peace of mind of an automatic battery backup system. This AC/DC system is completely maintenance free and suited for harsh environments. Further, the 7V8-B'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 seaside environments. The 7V8-B is 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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Performance

This siren is rated by Sentry @ 121 dB(c) at 100 ft.*

Estimated sound radius is 4,000 ft. continuous.**

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

The 7V8-B produces a 460 Hz pitch.

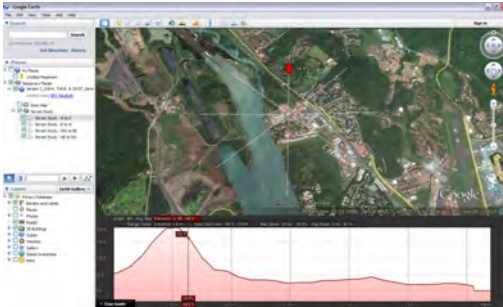
Power Requirements

AC/DC Kit (Included)—Siren operates on AC rectified power when available then automatically switches to battery power when AC power fails.

Siren uses one American Made, 8 HP, DC motor.

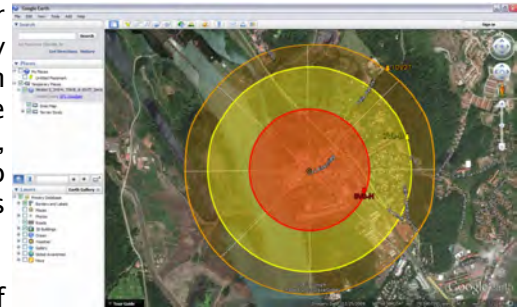
The 7V8-B requires 100 amp, 1 phase dedicated service.

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.