

# 3V8-H-B

Premium Warning Siren

Big-time power, UPS reliability, amazing affordability...

**SENTRY**  
**SIREN** Inc.®



Made in the USA



Sentry Siren is proud to introduce the 3V8-H-B! Powered by a continuous-duty, 4HP, 48V DC motor, the 3V8-H-B provides UPS reliability and 30 minutes of run time while producing 116dB(C) at 100 ft. continuous\*. Keep in mind, this rating is not just for 25% of its cycle time, like its rotating competitors, the 116dB measurement is for 100% of its full RPM run time. Plus, this 116dB 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. Priced to compete, this siren is 100% FEMA and USDA grant compliant.

A feature again worth noting is the length of time that the 3V8-H-B siren will run on its battery bank. As is common in the United States, storms frequently come in lines over a 3 or 4 hour period. When that happens, you may

need a siren which can be sounded 6 or 7 times before the storm strikes. The Sentry model 3V8-H-B provides 30 minutes of continuous run time from its battery bank - that's more than double the battery capacity of its competitors.

Ease of installation is of paramount importance to emergency management teams and the 3V8-H-B fills that need perfectly. All you need is a 120VAC, 30amp power supply for the siren's battery chargers and siren controller - connect the batteries, chargers and controller and the siren is ready to run! A costly and time consuming high voltage power service is no longer necessary. This DC system is completely maintenance free. Furthermore, we can add solar panels to the battery chargers for optional "green energy" capability.

The 3V8-H-B is 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.
- **UPS Reliability**: This 48V DC powerhouse provides 30 minutes of run time from its battery bank, so you know you'll have your siren ready when you need it!
- **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)

# 3V8-H-B

## Premium Warning Siren

### Performance

This siren is rated by Sentry @ 116 dB(C) at 100 ft.\*

Estimated sound radius is 3,400 ft. continuous.\*\*

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

The 3V8-H-B produces a 460 Hz pitch.

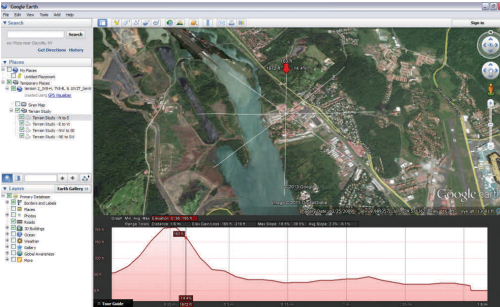
### Power Requirements

Siren operates on 48V DC power from its included charger / battery bank. Optima Red Top 34R batteries are recommended (not included).

Siren uses one American Made, 4 HP, 48V DC motor.

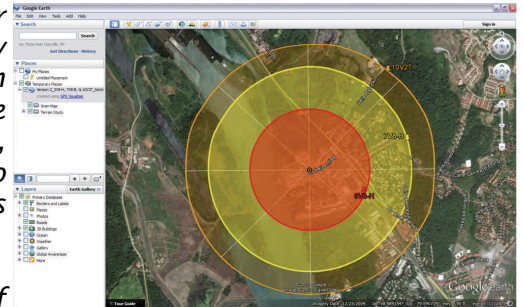
The 3V8-H-B requires a 120VAC, 30amp power service to power its battery chargers and siren controller. Solar panels are available as an optional add-on.

## 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

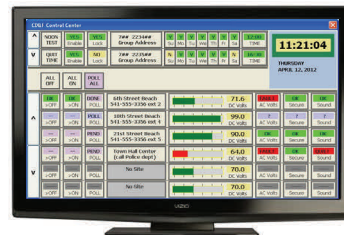


GEN-1 manual controller



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.