



► Model 508-128

## High Powered Outdoor Siren

Federal Signal's 508-128 siren is a high power, rotating, unidirectional, 500 Hz outdoor warning siren that offers an anechoic chamber-certified signal strength of 128 dBc. The high-decibel output provides maximum coverage with minimum installation cost. Radio activation can further minimize installation costs by eliminating the need for leased dedicated control lines.

The siren rotates at 3 RPM and can produce three distinct warning signals: steady, wail and fast wail. The 508-128 siren will supply a minimum of 15 minutes of full power output from its batteries after AC power loss. The siren controls are available with battery operation, Solar AC operation, and AC operation with battery back-up, one-way and two-way radio control, wired or wireless Ethernet, satellite/cellular or landline.

Ideal applications for these warning sirens include hazardous weather conditions, fires, floods, chemical spills and other types of emergencies, the 508-128 siren is an excellent choice to protect any community.

### F E A T U R E S

- High-powered rotating siren for maximum coverage
- 500 Hz, 128 dBc output
- Three distinct warning signals
- AC or Solar powered with battery operation or back-up
- Weather-resistant coating

# High Powered Outdoor Siren (508-128 Siren)

## SPECIFICATIONS

**Power:**<sup>1</sup>

Sirens can be powered from 120VAC, 240VAC, with battery back-up or battery operation. Solar powering can also be provided

Coverage: <sup>2</sup>	70 dB	7,300' Calculated <sup>2</sup>
	60 dB	14,700' Calculated <sup>2</sup>

**Signal Information:**<sup>3</sup>

Signal /Sweep Rate	Frequency Range	Sweep Rate
Steady /Continuous	500 Hz	N.A.
Wail /10 sec.	180-500 Hz	10 sec.
Fast Wail /3.5 sec.	300-500 Hz	3.5 sec.

**Pole Mounts:**

Wood, steel, composite or concrete poles can be provided.

Contact Federal Signal for details

**Communications:**

Federal Signal can supply one-way and two-way communications.

Radio, IP, Landline, Satellite and Cellular can be combined to provide a robust alerting solution

Operating Temperature:<sup>4</sup> -22°F to 140°F / -30°C to 60°C

Dimensions Height x Width x Depth: 70.1" x 53.4" x 43.1"  
(1780.5mm x 1356.4mm x 1094.7mm)

Shipping Weight: 590 lbs 268 kg w/mtg. legs

## HOW TO ORDER

Contact our Federal Signal Sales Engineers to design a system that meets your specific requirements.

**Description**

**Part Number**

**Siren Ordering Information:**

Rotating electro-mechanical siren 128 dBc  
+/- 1 dBc 48VDC, pole mount included  
Rotating electro-mechanical siren, low frequency

**508-128  
Equinox**

**Siren Control Ordering Information:**

One-way FC Controller, 120VAC operation  
Two-way FC Controller, 120VAC operation  
One-way FC Controller, 120VAC to battery operation  
Two-way FC Controller, 120VAC to battery operation

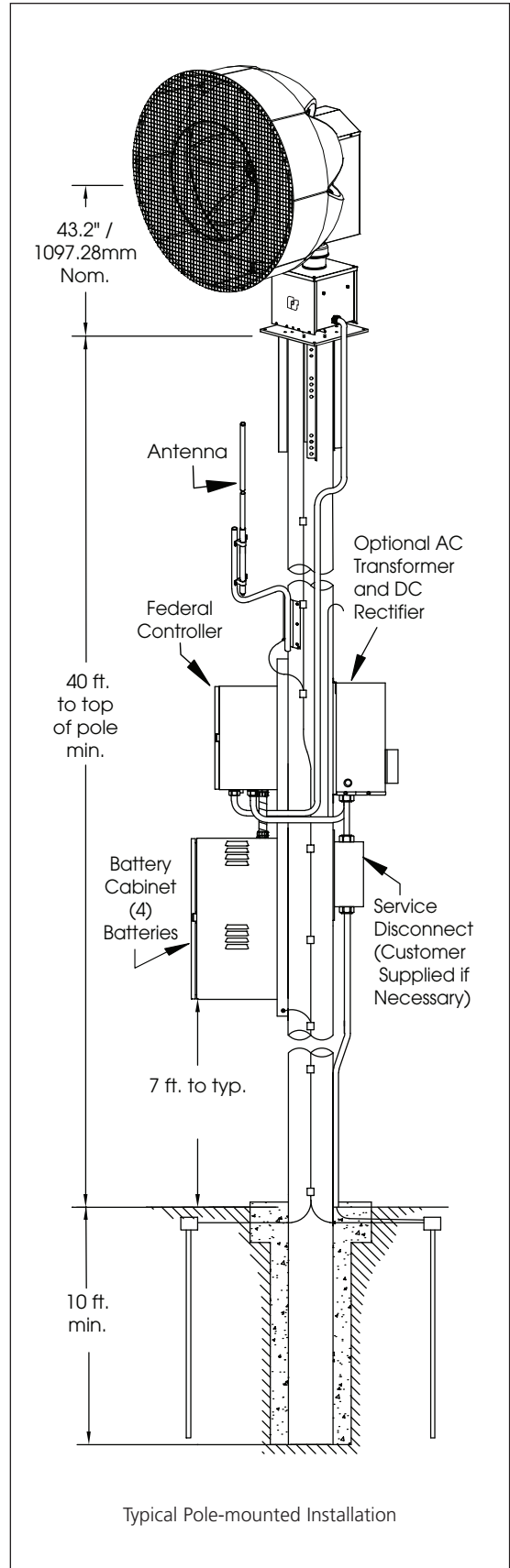
**FC/H/U  
FCTBD/H/U  
DCFCB/H/U<sup>4</sup>  
DCFCTBD/H/U<sup>4</sup>**

**Command and Control for Multiple Siren Installation:**

Console for siren activation (R for rack mount)  
Commander software for PC based siren activation, monitoring and control

**SS2000+/R  
SFCD<sup>5</sup>**

<sup>1</sup> Contact Federal Signal for powering options  
<sup>2</sup> Actual coverage is dependent on many factors, contact Federal Signal for sound analysis of your specific location  
<sup>3</sup> The siren can operate throughout this temperature range provided that battery temperature is maintained at 18°C or higher  
<sup>4</sup> Batteries not included  
<sup>5</sup> See Product Selection Guide for ordering options



Typical Pole-mounted Installation