

# 2001-130 Siren

## Features

- **130 dB(C) output**
- **Directional, rotating siren for maximum coverage**
- **Three distinct warning signals**
- **Full battery operation or battery back-up**
- **Maintenance-free sealed bearing motors**
- **Weather-resistant coating**
- **Ideal for outdoor warning**
- **5-year limited warranty**



The Federal Signal 2001-130 public siren is a high power, rotating, uni-directional outdoor warning siren that offers an anechoic certified signal strength of 130 dB(C) +/- 1 dB(C) at 100-ft. 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's projector produces a 60-degree projection of sound which rotates at 3 RPM and can produce three distinct warning signals: steady, wail and fast wail. The 2001-130 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.

Ideally suited to provide warning for hazardous weather conditions, fires, floods, chemical spills and other types of emergencies, the 2001-130 siren is a perfect choice to protect any community.

# 2001-130 Siren

## Specifications

### Power Requirements\*

Siren Motor	48V (DC or full wave rectified AC) 110A (nom.)
Rotator Motor	48V (DC or full wave rectified AC) 1A (nom.)

### Wiring

Siren Motor	2 AWG
Rotator Motor	12 AWG

### Motor Type

Siren	Series wound DC 6 Hp
Rotator	Permanent magnet DC 1/8 Hp

### Signal Information

Signal	Frequency Range	Sweep Rate
Steady	790 Hz	N.A.
Wail	470-790 Hz	10 sec.
Fast Wail	600-790 Hz	3.5 sec.
Signal Duration	3min. std. (programmable)	
Signal Output (SPL)	130 dB(C) +/- 1 dB(C) at 100' (30.5 m) 6400 feet Effective Range at 70dBC	
Rotation	3 RPM	

### Dimensions

Height x Width x Depth	55" x 37" x 41" 140cm x 94cm x 10cm
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### Weight

Shipping Weight	450 lbs. (205 kg)
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### Environmental

Operating Temperature	-30°C to +60°C**
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\* Power requirements refer to the power supplied by the batteries or optional AC operation through 2001TRB.

\*\* The siren can operate throughout this temperature range provided that battery temperature is maintained at 18° C or higher.

### Ordering Information\*

2001-130	Rotating electro-mechanical Siren 130 dB(C) +/- 1dB(C), 48VDC, pole mount included
2001AC <sup>1</sup>	AC operated motor control, 208 or 220/240VAC (specify voltage) NEMA 3R control cabinet, two 48VDC contactors and transformer/rectifier, 182 lbs. 53 kg
DCFCB <sup>1,2</sup>	Federal Controller 120VAC motor control, NEMA 4 control cabinet, four chargers, two 48VDC contactors and NEMA 3R battery cabinet. 224 lbs. 102 kg

\* 2001-130 Siren requires a Federal Controller such as FC (See controller product literature for options)

<sup>1</sup> For use with Electro-mechanical sirens. Antenna and cable are not included with any radio activation control and must be purchased separately. (See your sales representative)

<sup>2</sup> Batteries not included.

