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.



Protecting people and our planet

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	Freguency Range	Sweep Rate

NΑ

 Wail
 470-790 Hz
 10 sec.

 Fast Wail
 600-790 Hz
 3.5 sec.

790 Hz

Signal Output (SPL) 130 dB(C) +/- 1 dB(C) at 100' (30.5 m)

6400 feet

Effective Range at 70dBC

3min. std. (programmable)

Rotation 3 RPM

Dimensions

Signal Duration

Steady

Height x Width x Depth 55" x 37" x 41"

140cm x 94cm x 10cm

Weight

Shipping Weight 450 lbs. (205 kg)

Environmental

Operating Temperature -30°C to +60°C**

- 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*
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2001-130 Rotating electro-mechanical Siren 130 dB(C) +/- 1dB(C),

48VDC, pole mount included

2001AC¹ 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^{1,2} Federal Controller 120VAC motor control, NEMA 4 control

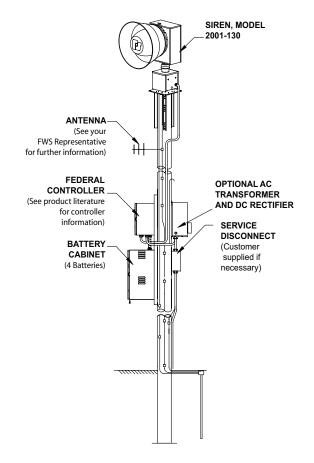
cabinet, four chargers, two 48VDC contactors and NEMA

3R battery cabinet. 224 lbs. 102 kg

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

¹ 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)

² Batteries not included.





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