

Model 2 Omni-Directional Siren

Features

- **Designed for outdoor warning**
- **Compact, light-weight design**
- **Omni-directional midrange coverage**
- **Universal motor that can operate from 25-60 Hz AC and 120 or 240 VAC**
- **Pole mount option available — Roof mount is standard**



The Federal Signal Model 2 is an omni-directional warning siren designed for easy installation on a roof top, making it an ideal solution for fire houses, golf clubhouses, correctional institutions, and other similar facilities. With the pole mount stand (purchased separately), the Model 2 can also be mounted on an utility pole in trailer parks, amusement parks, camp grounds, and other locations.

The highly efficient Model 2 siren produces a single tone sound pressure level of 102 dB(C) at 100 feet on axis while making moderate power source demands.

The Model 2 siren and the enclosed motor control required to operate the siren are NEMA 3R. The Motor control operates from 25-60 Hz, AC and is available in 120/125 and 240/250 volt models. The Federal Controller (Model FC) can be utilized to create steady, wail, and fast wail tones and offers various length alert tones from distinctive warnings.

The Model 2 siren is enclosed in a sheet metal housing with polyester powder coated paint for durability and protection against the elements. Protective screens are installed across the housing to prevent birds from nesting. The Model 2 is the ideal choice to alert a community or call firefighters in an emergency.

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Specifications

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Outdoor Rating	102 dB(C) @ 100' axis
Effective Range	70 dB(C) @ 1000'
Siren Type	Omni-directional
Tone	Single
Output Frequency	533 Hz (Steady)
Temperature	-30° to 65°C
Humidity	0-100%

Siren Controllers Specifications

FC Controller	Wail, steady and fast wail
FCTB Controller	Wail, steady and fast wail; two-way communications (requires SK-SM current sensor)
Beam Width	360°
Required Motor Controls	RC2W (indoor/outdoor)
Pole Mounting	Model PMS recommended (see options)

Dimensions

Siren Height	25"
Shipping Weight	19-5/8"

Weight

Siren Weight	59 lbs
Shipping Weight	85 lbs. (38kg)
Motor Control Weight	13 lbs (6kg)
Recommended Mounting Height	35'-40' (9-11 m)
Power Rating	2 HP

Power Requirements

120/125 VAC, 24 A, single phase (model 2-120)
 240/250 VAC, 12A, single phase (model 2-240)

Select Model

2-120 ¹	Standard siren roof mount stand 102 dB(C), 120 VAC, 1 phase, 25-60 Hz.
RC2W-120	Motor control, 120 VAC, NEMA 3R enclosure
2-240 ¹	Standard siren roof mount stand 102 dB(C), 240 VAC, 1 phase, 25-60 Hz.
RC2W-240	Motor control, 240 VAC, NEMA 3R enclosure
FC	Federal Controller timer with six functions
FCTB	Two-Way Federal Controller (requires SK-SM current sensor)
PBS-4	Push button station with four buttons
PMS	Pole mount stand, 65 lbs (30 kg)

¹Motor controls are required for operation of the Model 2 siren and must be purchased separately. The FC is sold separately.

