

Cyclone™ C-125-AC

Features

- ❖ **Omni-Directional 360° siren tone coverage.**
- ❖ **No Maintenance Required.**
- ❖ **All exposed components made of corrosion-resistant Aluminum, Stainless Steel or Fiberglass.**
- ❖ **Rated 125dB @ 100 ft. per FEMA and ANSI specifications.**
- ❖ **In service in the harshest environments since 1967.**
- ❖ **Applications include wide area warning for Nuclear EPZ, Chemical Plants, Municipal, and Military Bases worldwide.**
- ❖ **Over 4 sq. mile coverage at 70 dB.**
- ❖ **Testings for Nuclear client exceeded expectations of 70dB at 1 mile radius (Recorded SPL level of 84 dB).**
- ❖ **Ten (10) year mechanical parts warranty against manufacturer defects.**



Cyclone™ C-125-AC

The Cyclone™ by ASC is designed for community, industrial, nuclear, petrochemical, military applications that require high levels of consistent 360° sound coverage.

The Cyclone™ can be activated locally or from a central point using radio or land line activation systems. An encoder located at a central control point can be used to transmit activation commands via hardware or radio frequency. RTU units can initiate activation, provide signal timing, and with the Compulert™ SCADA program transmit siren status information to document operational capabilities.

We challenge you to compare our sirens & control systems with any manufacturer's!



4801 W. Woolworth Ave., Milwaukee, WI 53218
Phone: 800-243-2911 or (414) 358-8000 Fax: (414) 358-8008
Website: www.americansignal.com

C-125-AC™

System Design

The **Cyclone™ C-125-AC™** Siren utilizes aluminum sound-producing components which are covered in color-impregnated fiberglass to eliminate rusting and painting maintenance. Sirens are mounted directly over the center mounting poles so that guy wires are not required. The **C-125-AC™** is the largest omni mechanical sound-producing sirens capable of covering over 4 square miles. Making the **C-125-AC™** very cost effective for large area warning signals.



SYSTEM SPECIFICATIONS

Acoustical Characteristics	Rating
Cyclone™ C-125-AC	125dB @ 100 ft.

230V 3Ph Siren

Control	MC-35-3
Running Amps	116
Starting Amps	850
Fuse Rec.	200 Amp., slow blow

460V 3Ph Siren

Control	MC-35-3
Running Amps	58
Starting Amps	425
Fuse Rec.	100 Amp., slow blow

208V 3Ph Siren

Control	MC-35-3
Running Amps	130
Starting Amps	900
Fuse Rec.	200 Amp., slow blow

Environmental

Operating Temperature	-40°C to 60°C
Storage Temperature	-65°C to 125°C
Humidity	0% to 100%
Wind Speed	100 Mph

Size and Weight

H x Dia.	60" X 48"
Weight (crated)	900 lbs.

The specifications and decibel ratings on ASC equipment listed herein are based on testing done by independent laboratories under ideal conditions. Test results may vary depending on various factors, including weather. System should be designed accordingly.

Activation

The **C-125-AC™** can be activated by using landlines (hardwired relays) or by radio controls. Various encoding formats allow for tone activation of multiple siren signals. Two items are required: an encoder at a central dispatch location, and a **Universal Remote Terminal Unit (U-RTU)** mounted at the siren location. The **U-RTU** is interfaced with the MC-35-3 Siren Motor Control. American Signal manufactures a complete line of radio controlled systems.

Installation

The **C-125-AC™** should be mounted 65' to 75' above ground level per FEMA CPG 1-17 and for maximum sound dispersion. Controls should be mounted 10' to 15' above ground to discourage vandals.

SIGNAL FORMAT

ALERT

Steady 3-5 Minute Duration

ATTACK

Wail (6-sec. up/6-sec. down sweep)

FIRE

Wail (12 sec. up/6 sec. down sweep)