

A SOLUTION TO AMBULANCE IDLING

MediDock

By American Idle Reduction, LLC
Represented and Distributed by

Medic Aire, LLC

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Don't reduce emissions – eliminate them !

MediDock Unit



MediDock Unit







Inserting Retractable 110v Cord For On-Board
Battery Charging

MediDock Unit Features

- Rugged stainless steel construction
- Always delivers fresh uncontaminated air
- Modular components – simple to maintain & replace
- 12 month warranty
- Installed and working within about 90 days

The MediDock Unit

Special features to suit specific application:

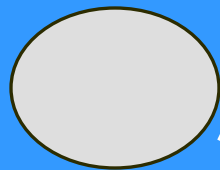
- Air Conditioning rated at 14,400 BTUs
- Heating capacity between 12,000 and 22,000 BTUs
- Non-corrodible casing, will withstand extreme weather - salt air resistant.
- Constructed to resist high winds
- Locking metal door for ease of monitoring utilization

The MediDock Unit

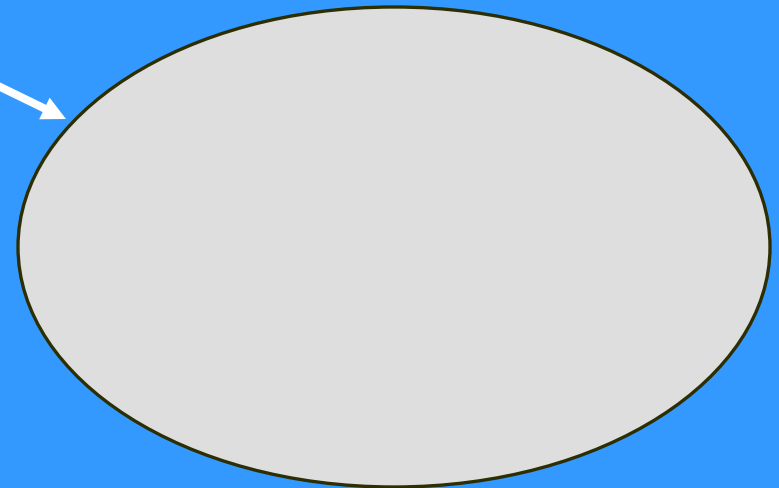
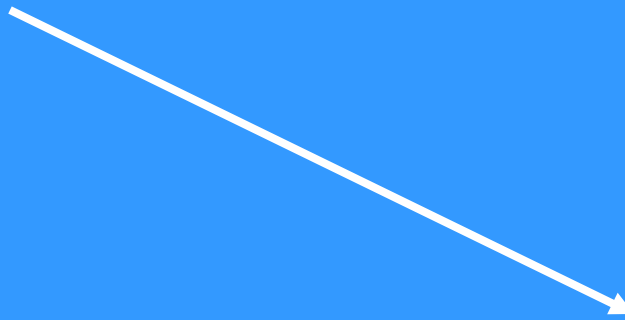
- ☐ EPA Certified
- ☐ Most competitive product available
- ☐ Layout can be back-in, nose-in, or pull through
- ☐ Highest performance rating on the market
- ☐ Best value for money
- ☐ Made in America

The MediDock Unit

Flexibility



From Single Unit sites



To any size and any shape

There are several requirements that ambulances have that will be met by maintaining environmental stability (air and noise pollution) and electrical power capability

Eliminate the idling ambulance while parked at the hospital.

- a. If the ambient temperatures are greater than 86 degrees, or below freezing the ambulance must idle while completing paperwork, or during their stay at the hospital. This usually results in about 45 minutes or more of idling while parked at the hospital.
- b. Protocol requirements are to maintain the temperature inside the ambulance between 40 and 85 degrees. This is to keep drugs from becoming unusable due to temperature extremes. Most medications are required to be kept in this temperature range.

- a. Ambulances have medical equipment such as suction machines, EKG monitors, ventilators and others that require a constant charge to keep the batteries from failing prematurely. They also have medical equipment that must be plugged in for the majority of the time; these are the IV warmers, and the refrigerator that keep specific medications at a uniform temperature, and keeps some IV's cooled for specific emergency situations. While most all of the ambulances have inverters that provide the electricity required, it also requires the ambulances be at least at idle.
 - b. In addition, we provide electrical power to battery charger's that keeps the engines' batteries at maximum capability for immediate starting.
- The electrical power provided by the MediDock unit will allow the ambulance to keep these components at maximum capability without the need to idle.

1. **Maintain the air quality at the hospital and eliminate the sound of noisy engines.**
 - a. While moving the patient from the ambulance into the emergency department the ambulance is usually not running. As soon as possible the ambulance is moved to a parking area near the hospital emergency department entrance.
 - b. Leaving the ambulance idling results in a general decrease in the air quality surrounding the ambulance and a high level of noise. Diesel exhaust is frequently entrained into the fresh air vents of the hospital, and through the doors into the Emergency Department. The very factors that require the ambulance to keep running are often the least desirable in terms of air and noise pollution.
 - c. Hot, Humid summer days or very cold, clear winter days
2. **An idling diesel engine consumes from about 1/3 to nearly 1 gallon per hour of fuel - the savings in fuel and engine wear are significant over the long run.**

The MediDock Unit Use and Operation

- Unit lines up with driver's cab window
- Driver inserts Window Plate on window
- Secure canvas cover around window (magnets holds cover in place)
- Activate unit with timer switch
- Driver can adjust desired temperature

Benefits of MediDock

- Drivers, operators and hospital workers, patients and visitors exposed to less emissions;
- Less local health threatening emissions, less greenhouse gas emissions;
- More efficient use of energy;
- Reduced noise;
- Eliminating idling reduces engine maintenance costs; and
- More reliable emergency services equipment

MediDock® Ambulance Specifications

Model	A200
Source Voltage	208/120v 60hz 40 amp feed
Dimensions	76.75"H x 38"W x20"D
Total Available Power	(3) - 120vac/20amp rated GFCI receptacles (3840va total combined available power)
Block Heater Receptacle	(1) 120vac/20amp GFCI 1920va available power
Cab Power and UWA Faceplate Receptacles	(2) 120vac/20amp GFCI -1920va combined available power.
Optional Data Jack	(1)- RJ45 weather resistant internet connection. The baud rate is related to the Site installation.
Unit Weight	Approx. 470 Pounds
A/C Capacity	14,000 BTU
Heating Capacity	12,000 BTU
Auxiliary Resistive Heat	(2)@1500W/208V, 3000W Total
Total Heat Capacity	Approx. 22,000 BTU
Air Flow Capacity	150 CFM @ the window adapter

For additional information:

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