



Mobile Climate Control
On Road



**Total comfort
day or night**



EcoSleeper 8000 – DC Powered Sleeper Bunk A/C Unit

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Stay comfortable during down time



Relax in peace and quiet, without engine noise, the MCC EcoSleeper 8000 will always give you comfortable sleeping

temperature during your down time, in the heat of the day or taking the chill of the night .

Turn off the engine, set the climate with the Electronic Climate Controller and you turn down operating costs. The MCC battery powered A/C system maintains an even temperature without using the truck's engine or battery. The system comprises of an Evaporator Unit, a Condenser

Unit, a Charging Unit with Battery Boxes and an Electronic Climate Controller.

It is easy to both install and maintain.

Equipped with a fast payback

The MCC EcoSleeper 8000 raises the value of your truck, is easy to install or remove and you can take it with you when you invest in a new truck. It saves fuel, maintenance, money and the environment.



Summary of advantages

- High cooling/heating capacity
- Meets anti-idling regulations
- Quiet operation
- Long running time
- Easy installation
- Low maintenance
- No fuel burned during cooling or heating cycle

Even temperature and quiet operation

Solid Construction

- Steel construction for durability
- Semi hermetically sealed compressor
- R134a refrigerant

Leading Edge Technology

- Advanced electronic climate control with built in system diagnostics and data logging
- Batteries can be used as auxiliary startup power source for the truck
- Semi hermetic scroll compressor with built in brushless motor
- MCC innovative battery maintenance technology

MCC recommended installations

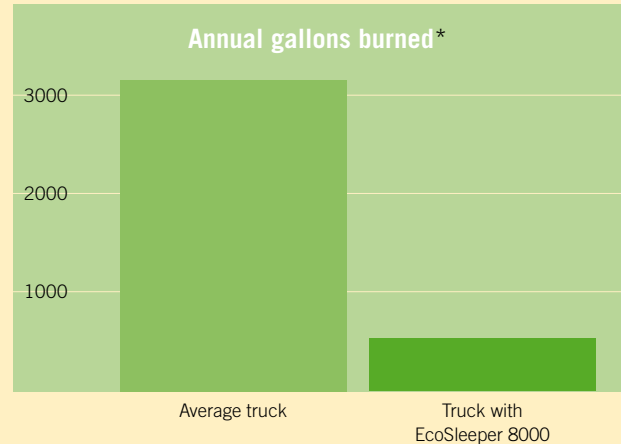
- AGM pure lead batteries
- Revolutionary MCC Fleet tracking system
- High current 230 Amp alternator

Features

- 8000 BTU/hr (2.34kW/h) cooling capacity
- Meets stringent anti-idling regulations
- Quiet operation less than 65dB
- Stand alone electronic climate control
- Stand alone power source
- Unit run-time 8 hours with standard AGM batteries
- Simple unit installation and low maintenance operation
- California Air Resources Board (CARB) approved
- Meets all anti idling regulation
- Shore Power and hotel load option
- Low battery voltage protection
- Heating option for colder climates

Estimated Savings with the EcoSleeper 8000

All test results have been verified in the MCC climate chamber



Estimated drop in carbon dioxide emissions with the EcoSleeper 8000

- Savings per night 48 kg/106 lbs
- Savings per year 12 000 kg/26 455 lbs
- Savings over five years 60 000 kg/132 277 lbs

*Based on truck idling for 6 hours on 250 operating nights per year

Investment for the environment

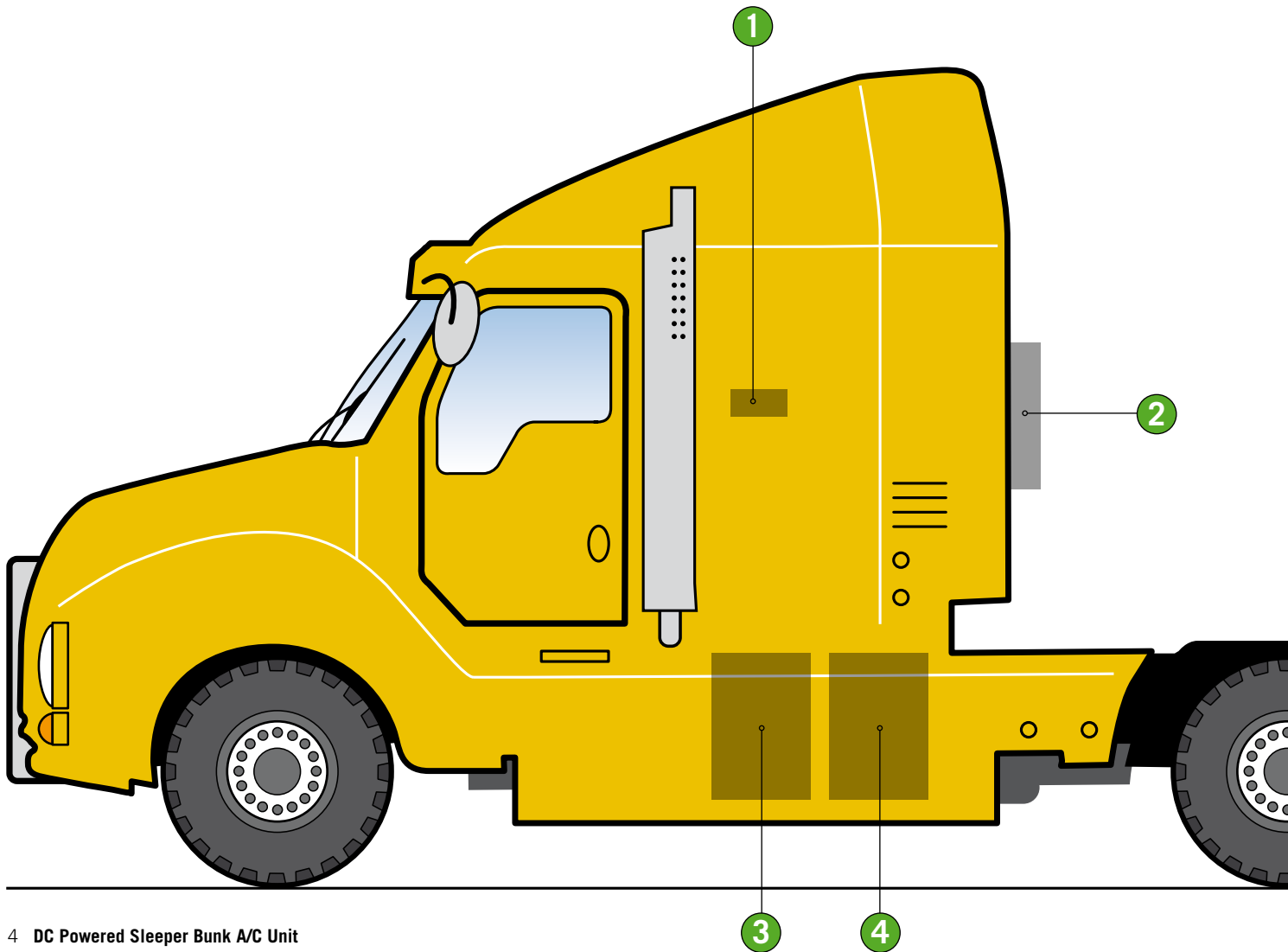
- Meets all anti idling regulation
- California Air Resources Board (CARB) approved
- 8 hours run-time
- Jump start feature
- Reduce CO₂ emissions by 12 000 kg/26 455 lbs per year*

*Reduce CO₂ emissions by 12000kg per year

Easy installation and low maintenance on all

Control Unit 1

Mounted inside the sleeper area, the display allows user to turn the system on, adjust temperature and fan speed.



trucks

Condenser Unit 2

The condenser unit mounts outside of the cab. It consists of a high performance aluminum



Evaporator Unit 3

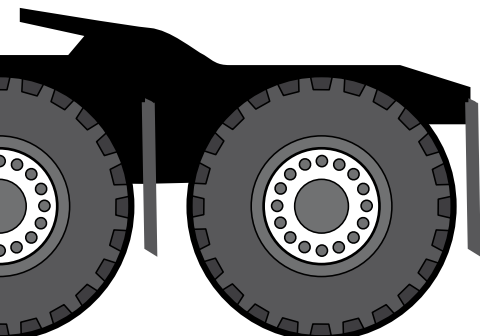
The evaporator unit fits under the bunk area and connects into existing ducting system.



Charging Unit and Battery Box 4

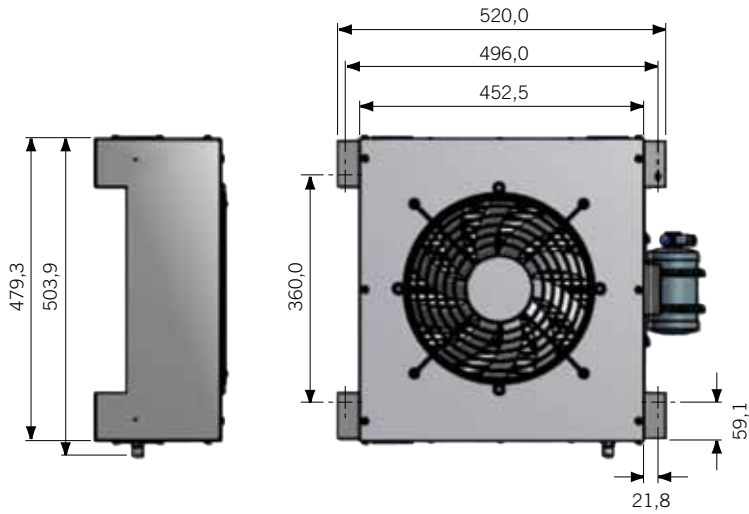
All the electronic controllers, compressor and batteries necessary to run the EcoSleeper unit are contained in these two frame mounted battery boxes.

The MCC EcoSleeper 8000's battery management system monitors in real-time to protect battery pack from over current, over charging and discharging.

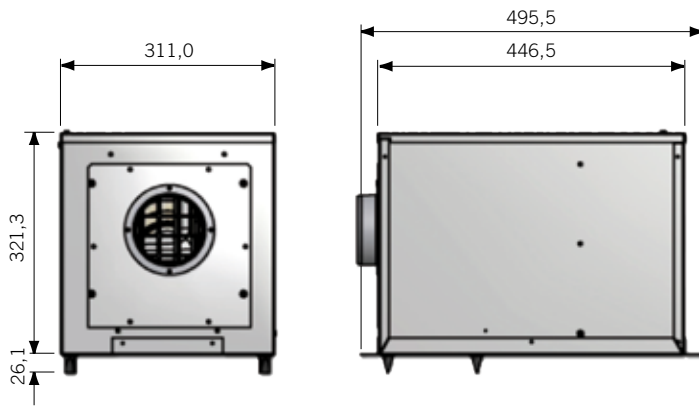


Dimensions

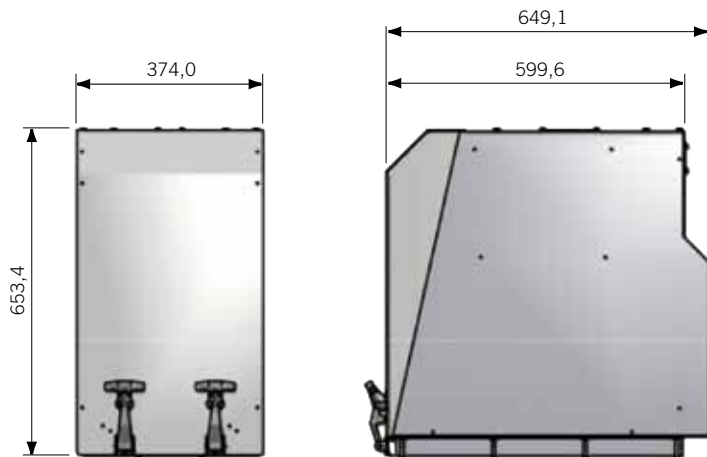
Condenser Unit



Evaporator Unit



Charging Unit and Battery Box

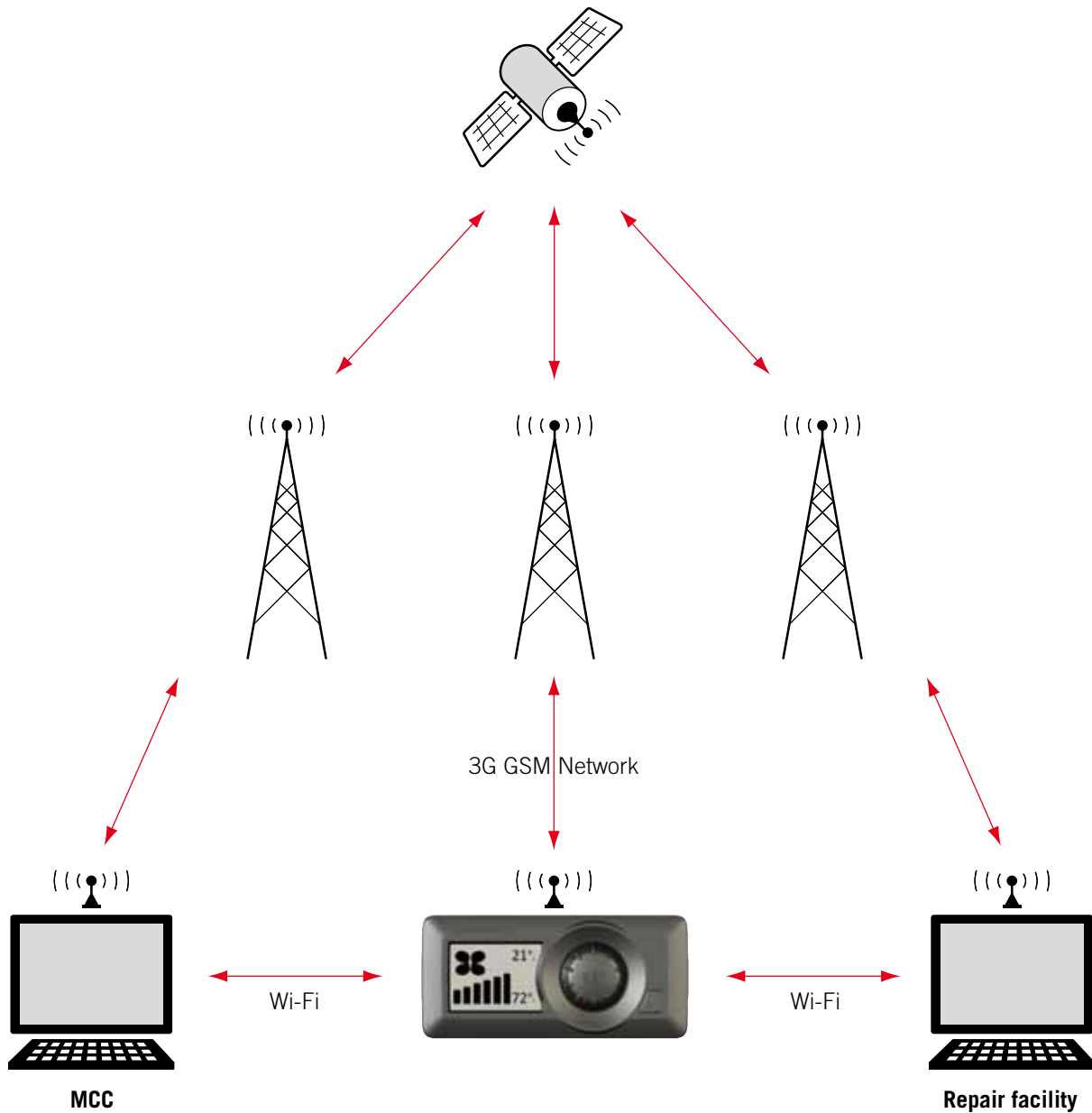


Dimensions in mm

Link up to perfect conditions

MCC Coolview Fleet Tracking is a standard MVC with an optional Wi-Fi or 3G GSM transceiver. Coolview Fleet Tracking allows real-time monitoring and diagnostics.

Data stored in ECC's memory can be downloaded at any time for troubleshooting or analysis by MCC and local service personnel.



Every driver deserves the best possible vehicle climate with MCC products

MCC provides exceptional performance in mobile climate comfort.



Mobile Climate Control

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