

STOP IDLING. START SAVING.

- CARB compliant
- Designed for class 5, 6, 7 and 8 trucks on short-haul routes
- 7,000-BTU capacity – designed for 2-hour runtime on batteries
- Battery powered
- Zero fuel consumption
- No moving parts – low maintenance
- Compact compressor/evaporator unit fits between seats
- Patented split-system design with flexible refrigerant linesets and reusable quick-connect fittings
- No special tools for installation
- Designed for the harshest over-the-road conditions
- Backed by factory engineering and service team



Dometic is a customer-driven, world-leading provider of innovative leisure products for the caravan, motorhome and marine markets. Dometic offers a complete range of air conditioners, refrigerators, awnings, cookers, sanitation systems, lighting, windows, doors and other equipment that makes leisure life more comfortable away from home.

Dometic also provides refrigerators for specific use in hotel rooms, offices and for storage of medical products and wine along with comfort products designed for the over-the-road truck market. Dometic's products are sold in almost 100 countries and are produced mainly in Dometic's own production facilities around the world. Dometic has more than 4,400 employees.



 **Dometic**

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PATENTS

7,171,822 • 7,234,315 B2 • 7,140,192 • 7,316,119 • 7,237,397 B2

L-2600 Rev. 20080822

**ANOTHER HOT DAY
AT THE TERMINAL.
HOW WILL YOU
KEEP YOUR COOL?**



**BATTERY-POWERED
HVAC FOR DAY CABS**

CARB-COMPLIANT

 **Dometic**

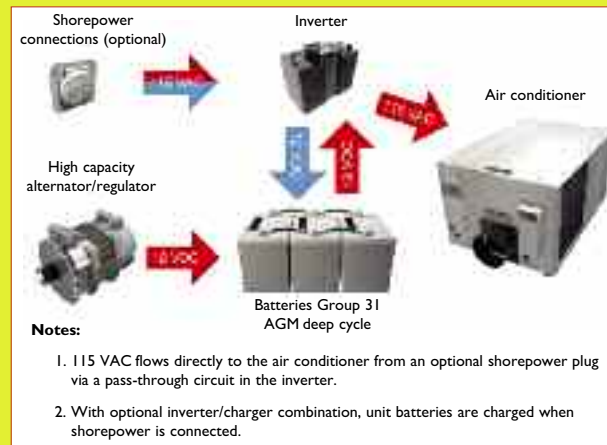
NO FUEL. NO EMISSIONS. NO NOISE. JUST CLEAN, QUIET COMFORT.

Dometic's battery-powered day cab HVAC solution is designed to meet the unique requirements of class 5, 6, 7 and 8 trucks on short-haul routes. It provides a maximum of 2 hours of cooling without running the truck's engine. The system uses a bank of Group 31 absorbed glass mat (AGM) batteries, which replaces the truck's existing batteries. It consumes no fuel and emits no exhaust fumes. The system's 2,000-watt inverter converts the 12-volt output from the batteries into 115-volt AC power to run the air conditioner. The inverter has been specially engineered to meet the demanding power requirements of the air conditioner. The high-capacity alternator/regulator recharges batteries quickly on short runs between stops and keeps them fully charged when the engine is running. The 7,000-BTU air conditioning system consists of a compressor/evaporator/blower unit that fits between the seats inside the cab and a ruggedized condensing unit that mounts outside of the truck – either behind the cab or under the truck. The inside and outside units are connected by flexible refrigerant linesets with reusable quick-connect fittings. The system is precharged with refrigerant at the factory, so that all components charge automatically to the correct pressures when the linesets are connected. No additional charging is needed, and no special tools are required for installation.

Dometic Corporation has more than 45 years experience in engineering and building air conditioning systems for harsh mobile environments. Dometic backs its products with the industry's best factory support and service.

TABLE OF SPECS:

Air conditioning capacity:	7,000-BTU
Condensing unit:	6.125"H x 11.3125"W x 21.875"D
Compressor/evaporator/blower unit with cover:	14.25"H x 13.00"W x 21.00"D
HVAC control:	Digital Qt control/display panel
Batteries:	Absorbed glass mat Group 31
Inverter:	2,000 Watt Group 31 size (Optional inverter/charger with 115 VAC pass-through circuit)
Alternator:	Leece Neville 270 Amp alternator/regulator



Inverter converts 12 VDC output from AGM 31 batteries into 115 VAC to drive air conditioner. Alternator recharges batteries quickly and keeps them fully charged when engine is running. When used with optional shorepower connection, inverter/charger unit passes 115 VAC directly through to air conditioner and also sends charging current to batteries.



Compressor/evaporator/blower unit with molded composite cover fits between seats, discharges cool air toward driver, connected by flexible refrigerant linesets to condenser unit on back of cab or under truck. Digital control mounts on top of unit for easy driver access.

Integrated turnkey system includes Group 31 AGM batteries, inverter, high-capacity alternator/regulator, compressor/evaporator/blower unit inside cab, external condenser unit, connecting refrigerant linesets and optional shorepower plug.

