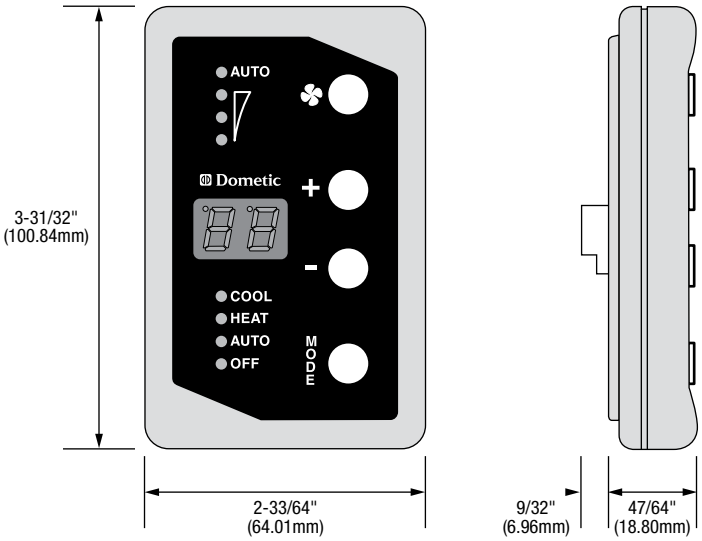
Air Conditioning & Heating Accessories
For Truck HVAC Systems by Dometic

Qt Control/Display

Dometic Qt Control/Display is used with Dometic auxiliary truck air conditioners. It is a compact surface mount unit, allowing easy incorporation into the truck's interior. A large, easy-to-read LED digital display shows temperature, setpoint, and fault codes. Four buttons allow easy control of mode, fan speed, and temperature. The control has a 12V signal that indicates a start requirement for generators (when the generator has this function), and it is CAN-bus capable. There is a program setting for battery-based systems that limits upper and lower temperature settings. The Qt can control a diesel-fired heater and two-stage electric heat elements.



Featured Accessories

- Qt Control/Display
- Alternators
- Inverters
- Discharge and Return Air Grilles
- Battery Separators
- Circuit Breaker
- Battery Fuel Gauge
- Battery Boxes
- Batteries
- Battery Connection Kit
- Shorepower

ISO 9001:2008

L–2328 Rev. 20090911

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Leece/Neville alternators are high-capacity for rapid and full recharging of batteries.

Dometic Model	Description	Battery Profile
710035063	270 amp pad mount with internal regulator	4 or less batteries
710035089	270 amp J180 mount with internal regulator	4 or less batteries
710035096	320 amp pad mount using an internal regulator	5 or more batteries
710035095	320 amp J180 mount using an internal regulator	5 or more batteries

Inverters change DC current into AC current. Dometic has partnered with HDM, an experienced inverter manufacturer, to provide a series of inverters that will allow a Dometic system to start and run efficiently. Dometic/HDM inverters are available as an inverter only or an inverter/charger with a shorepower pass-through. The efficiency of this inverter approaches 90% and will not degrade as it powers the system over time.

Dometic Model	Description
4220507	Inverter/charger, 2000 watts and 50 amp charger, Group 31 battery size
4220505	Inverter only, 2000 watts, Group 31 battery size
4220515	Inverter only, 2000 watts, no switch for Day Cabs, Group 31 battery size
4220516	Inverter only, 1800 watts, Group 31 battery size
4220518	Inverter only, 1800 watts, open frame – not for air conditioning; house loads only
4220517	Inverter only, 350 watts, ideal for TVs, computers, and other light loads

The Circuit Breaker protects the inverter and cables connected to the inverter.

Dometic Model	Description
4123420	Circuit breaker – 200 amp DC

The Battery-Fuel Gauge indicates the state of the battery system. The toggle allows one to monitor: a) voltage, b) current, c) capacity remaining, and d) hours remaining.

Dometic Model	Description
4220506	Battery fuel gauge (DOM/HDM) 2 kW

Diesel-Fired Heater options:

Dometic Model	Description
710035050	Espar D2 Airtronic, controlled only by Dometic HVAC Controller
710035067	Espar D2 Airtronic, with separate control
710035055	Espar D5 Hydronic Heater

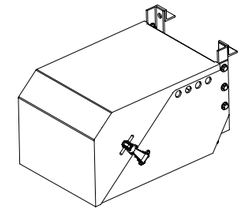
Discharge and Return Air Grilles are available in different sizes for a variety of applications. All grilles are black and compliment truck interiors. They are easy to install, with mounting frames and snap-on covers. Each system installation requires at least one discharge grilled and one return air grille. The grilles connect to the system with flexible ducting. Please refer to the Auxiliary Remote (L-2317) and Self-Contained (L-2327) HVAC Systems spec sheets for a chart of recommended duct and minimum grille sizes for various system capacities. Price sheets list available sizes.

Alternator

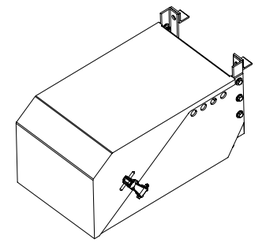
Inverter/charger model #4220507 shown

Fuel gauge model #4220506 shown

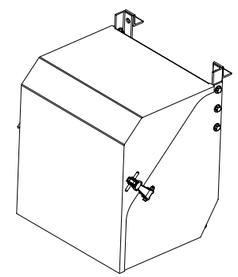
Supply and discharge air grilles shown



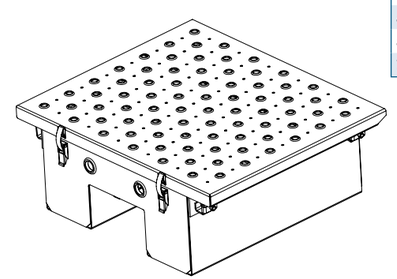
Battery Box model #710035109 shown



Battery Box model #710035108 shown



Battery Box model #710035107 shown



Battery Box model #710035119 shown

Battery boxes by Dometic provide a dry and secure place for the batteries providing power to Dometic HVAC Systems. Ruggedly constructed of aluminum, Dometic battery boxes are attached with an extremely strong clamping device and are installed in minutes. They are available empty, or loaded and assembled with Group 31 AGM batteries, inverter, circuit breaker, holddowns and all connecting cables. Surfaces made from 1/4" and 1/8" 5052-H32 aluminum; clamps and channels made from 6061-T6 aluminum; steel angle iron made from 1/4" steel; hardware is metric equivalent of Grade 8.

Dometic Model	Description	Dimensions (W x H x D)	Weight
710035107	Battery box, holds 6 Gp. 31 AGM batteries, 2-levels	25.9" x 26.3" x 20.6"	73 lbs.
710035108	Battery box, holds 4 Gp. 31 AGM batteries, 1-level	20.4" x 15.1" x 30.9"	57 lbs.
710035109	Battery box, holds 3 Gp. 31 AGM batteries, 1-level	20.4" x 15.1" x 27.4"	52 lbs.
710035119	Battery box, in-frame, holds 4 Gp. 31 AGM batteries	29.7" x 12.4" x 33.7"	55 lbs.

Dometic specifies and recommends Group 31 batteries from the following manufacturers. Use only batteries with 3/8" posts.

Dometic Model	Description	Manufacturer P/N	CCA	RC min @ 80 F
1066003	Exide GP 31 AGM Battery	XRF31D	925	200
1066004	Deka GP 31 AGM Battery	8A31DT	800	190

The Battery Separator prevents backflow of current between two banks. There will be no voltage drop across the separator.

Dometic Model	Description
4192000	Battery separator 200 amp bi-directional
4192001	Battery separator 200 amp uni-directional

Dometic's Battery Security Kit ensures a firm electrical connection.

Dometic Model	Description
710035069	Battery security kit for 4 batteries; contains special lock nuts and grease

Electrical Wiring Kit options:

Dometic Model	Description
4163713	Shorepower inlet with cable to inverter connections
4163714	Receptacle and "Y" to inverter and receptacle
4163710	Extension kit, inverter to HVAC, 13.5'
710035049	Shorepower cord, 50', 10.2, 20 amp rated

Air Distribution Kits for Truck HVAC Systems by Dometic

Air Distribution Kits for Remote Systems

Dometic Model	Description
104461	All makes 7-10K
104470	All makes 14K
105264	Day Cab 7K installation kit
105738	Freightliner Cascadia 7-10K
104459	Freightliner Century, Columbia, Coronado, Classic XL 7-10K
104464	Freightliner Century, Columbia, Coronado, Classic XL 14K
105171	International PROSTAR 7-10K
104798	International PROSTAR 14K
104474	Mack 7-10K
104473	Mack 14K
104469	Peterbilt 379, 70" 7-10K
104472	Peterbilt 379, 70" 14K
104462	Peterbilt 387, 70" 7-10K
104471	Peterbilt 387, 70" 14K
104460	Volvo 630/670 7-10K
104457	Volvo 630/670 14K
104463	Volvo 770-880 7-10K
104458	Volvo 770-880, 14K

Air Distribution Kits for Self-Contained Systems

Dometic Model	Description
104507	All makes 7-10K
104509	All makes 14K
104506	Freightliner Century, Columbia, Coronado, Classic XL 7-10K
104508	Freightliner Century, Columbia, Coronado, Classic XL 14K
104505	Peterbilt 379, 70” 7-10K
104511	Peterbilt 379, 70” 14K
104503	Peterbilt 387, 70” 7-10K
104510	Peterbilt 387, 70” 14K

Dealer:

Environmentally Responsible

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