



Mobile Climate Control
On Road



Big solutions in a small format



PN: 89-0031

EcoLine 8/10 – low profile climate control for minibuses and mid-sized buses

EcoLine:

High performance, low profile, low weight, easy to install. All under an attractive cover.



The EcoLine is the new standard for mini bus A/C. With its improved performance, low weight and low-key

appearance, it is the easy choice if you're looking for a reliable A/C for your minibus.

To keep weight to a minimum, EcoLine models are manufactured with aluminum components and ABS covers. Exceptional engineering has allowed us to lower refrigerant charge, while increasing performance capabilities.



Summary of advantages

- Attractive low-profile design
- Low refrigerant charge
- Low weight thanks to aluminium parts and ABS covers
- Improved performance, using high performance heat exchangers
- Easy to maintain
- Easy to install
- Low product life cycle costs



EcoLine 8 AC/Heat / EcoLine 10 AC Only

MCC's Ecoline series consists of integrated compact roof mounted HVAC units designed specifically for minibus application.

Design Features Include:

- Low weight
- High performance MCX coil technology
- Ease of installation (OEM or retrofit)
- Improved reliability due to reduced hose/fittings

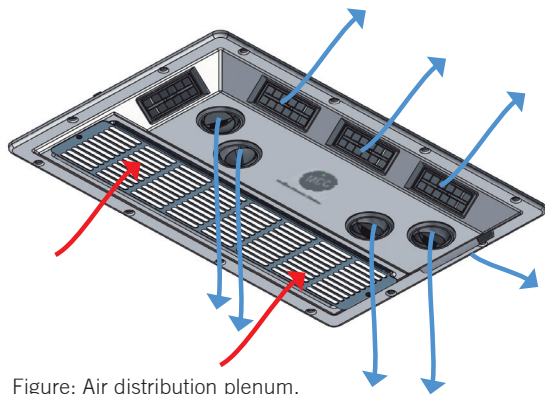


Figure: Air distribution plenum.

The EcoLine 8/10's airflow adjustment options and high performance capacity allows for a pleasant interior climate no matter where you may be.

The EcoLine 8/10's easy maintenance and installation, along with its superior quality and engineering, warrant low life cycle costs, saving you money now and in the future.

The elegant design of the ceiling mounted air distributor allows air to be directed throughout the vehicle through its multi-position louvers.

The tested and proven design of the Ecoline series rooftop A/C will provide reliable service and superior performance now and in years to come.

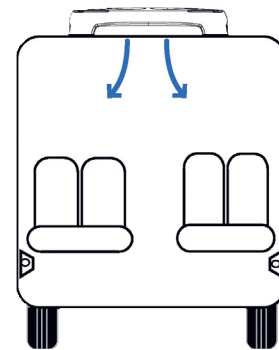
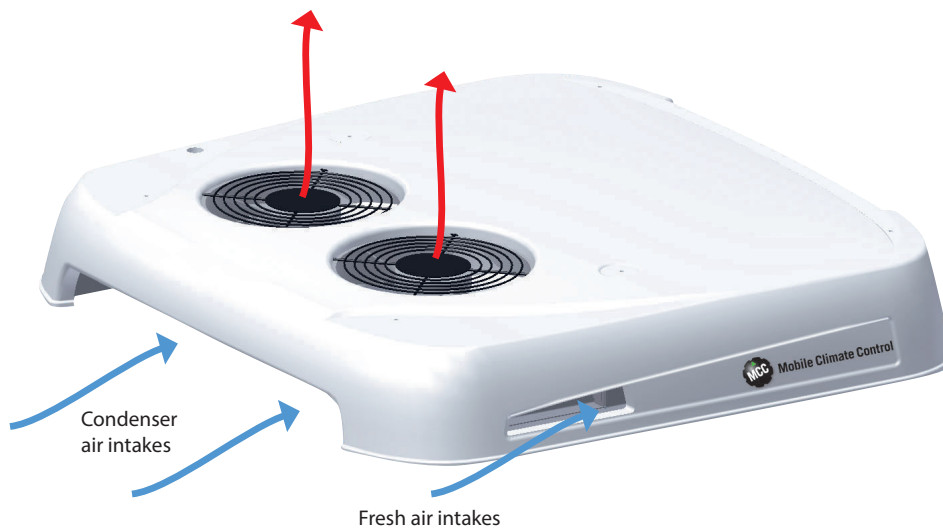
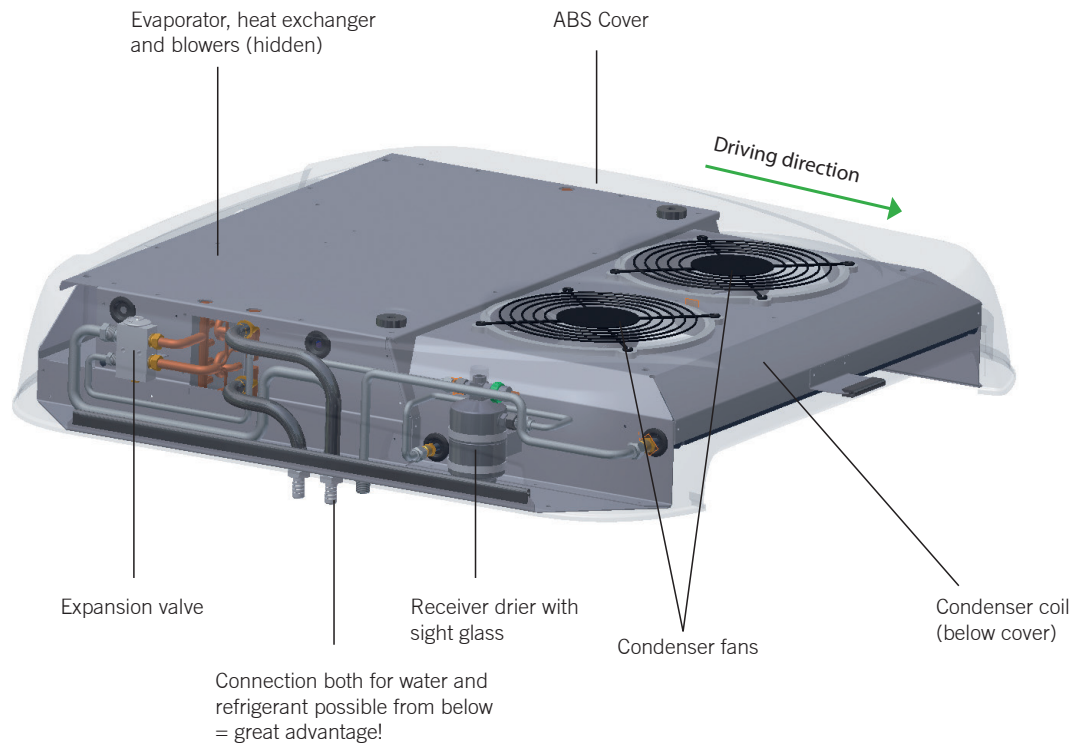


Figure: The EcoLine 8/EcoLine 10 blows directly into aisles of the minibus.

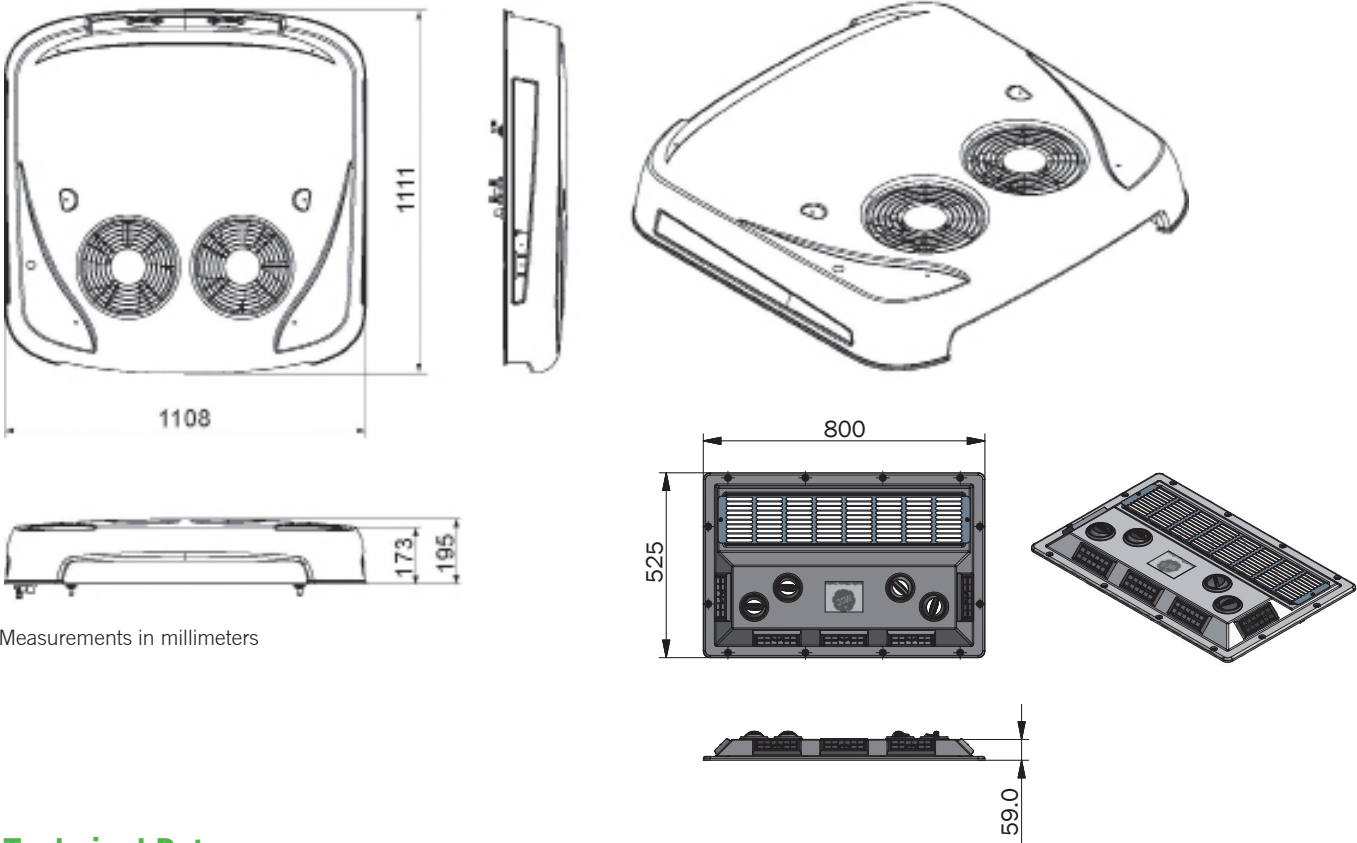
Overview of the components

EcoLine 8/EcoLine 10: Major components



Dimensions

EcoLine 8/EcoLine 10



Measurements in millimeters

Technical Data

	Ecoline 8	Ecoline 10
Application	Conventional A/C	Conventional A/C
Cooling capacity	27000 Btu/hr (8.5 kW) ARI ^[1]	33000 Btu/hr (12 kW) ARI ^[1]
	55000 Btu/hr (16 kW) IMACA ^[2]	60000 Btu/hr (17.5 kW) IMACA ^[2]
Heating capacity	34121 Btu/hr (10 kW)	n/a
Voltage	12/24V	12/24V
Width	43.62" (1108 mm)	43.62" (1108 mm)
Length	43.74" (1111 mm)	43.74"(1111 mm)
Height ^[3]	7.68" (195 mm)	7.68" (195 mm)
Air flow evaporator, max	706 CFM (1200 m³/h)	706 CFM (1200 m³/h)
Current consumption max	49 A (12V)	60A (12V)
	25 A (24V)	30A (24V)
Weight (total)	106 lbs (48 kg)	104 lbs (47 kg)

[1] ARI conditions: 95°F (35°C) / 80°F (27°C) / 50% RH
 [2] IMACA condition: 100°F (38°C) / 90°F (32°C) / 50% RH
 [3] + 0.8" (20 mm) for Sprinter bus van rails

Every passenger deserves the best possible vehicle climate with MCC products

Our mission is to create climate comfort by providing exceptional performance



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