VOLVO

FACT SHEET

CLIMATE UNIT



Climate units

The different climate units have air conditioning as standard. They have many air inlets, effective air filters, air evacuation and air distribution, which contribute to a very comfortable interior climate.

The air ducts on the driver side have alternative modes of air distribution for a comfortable climate:

Closed	No air stream.
Diffused	Subtle air stream in a draught-free environment.
Mixed	Increased air flow. The stream can be adjusted in optional directions.
Spot	Focused air stream that can be adjusted in optional directions.

DRIVER APPEAL

- Manually or electrically controlled air conditioning for optimized comfort.
- Uniform interior temperature.
- Effective air filters.
- Comfort air ducts on the driver side.

Sales variants

CU-ECC	Electronically controlled air conditioning with a sun sensor. The driver sets the desired temperature and the system regulates heating, cooling, fan speed and air distribution automatically. Manual override is always possible.
CU-ECC2	Same functions as in CU-ECC plus mist sensor, air quality sensor and carbon filter.
CU-MCC	Electronic manually controlled air conditioning. Only available for diesel trucks.

PC24 | PCE4

FACT SHEET

CLIMATE UNIT

Electronically controlled air conditioning with a sun sensor

The sensor on the dashboard measures solar intrusion into the cab. Together with the temperature sensor, this system provides a correct climate.

Mist sensor

The sensor monitors the risk for mist on the windows and adapts the defroster.



Air quality sensor

The sensor continuously monitors the intake air quality. When the carbon monoxide (CO) and/or nitrogen oxides (NOx) in the air reaches a certain level, the fresh air intake is closed. The climate control then automatically enters recirculation mode.

As soon as the CO and NOx levels are below the set level, the climate control returns to normal mode.

There is an additional filter that cleans the air both in normal and recirculation mode. The filter also reduces odours from the incoming air.

Carbon filter

This filter prevents harmful gases from entering the cab through the climate unit air intake.

Ready to Run and parking climate (Electric)

The Ready to Run feature ensures that the traction batteries are at the right temperature at the set time of departure.

The parking climate feature heats or cools the air in the cab when the electric drive unit is turned off. This feature can be started from the control panel or by setting a timer, or via the My Truck app.

Since the components in the parking climate system are powered by the traction batteries, there are limitations of fan speed, defroster etc, and the system will automatically shut down if the traction batteries state of charge gets too low.

Volvo retains the right to modify design and specifications without prior notification.