

S.CU dc100 cooling unit

Rethinking efficiency, performance and reliability

More powerful, intelligent and precisely tailored to your needs.

VarioFlow technology decouples refrigeration generation from heat transfer. The S.CU dc100 always operates at its most efficient operating point. The new cooling unit combines maximum energy efficiency with optimum temperature control, without compromising on cooling capacity, reliability or ease of servicing.



S.CU dc100

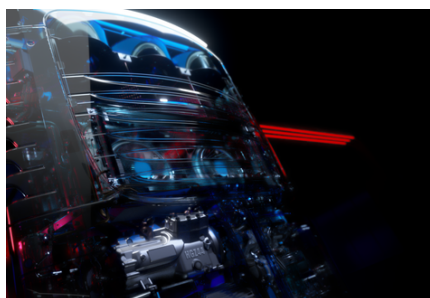
With VarioFlow-Technology

Up to **11%** more
cooling capacity*

Up to **8%** less
fuel consumption*

Precise temperature control for the highest product quality.

Lower fuel consumption, reduced noise levels and maximum cooling capacity: the new S.CU dc100 operates at its optimum operating point at all times, thanks to VarioFlow technology.



VarioFlow – efficiency at the optimum operating point

VarioFlow technology always provides the cooling capacity currently required to ensure the quality of the goods. As a result, the S.CU always operates at its optimum operating point, reducing energy and fuel consumption and shortening pull-down times. The compressor, motor and fan are controlled independently of one another and in line with demand.



Easy to set up – easy to use

The intuitive control panel, featuring self-explanatory symbols, is tilted at an angle of 7°, making it easier for the driver to operate. Alternatively, the S.CU can also be controlled via the display in the trailer or remotely using the app or telematics.

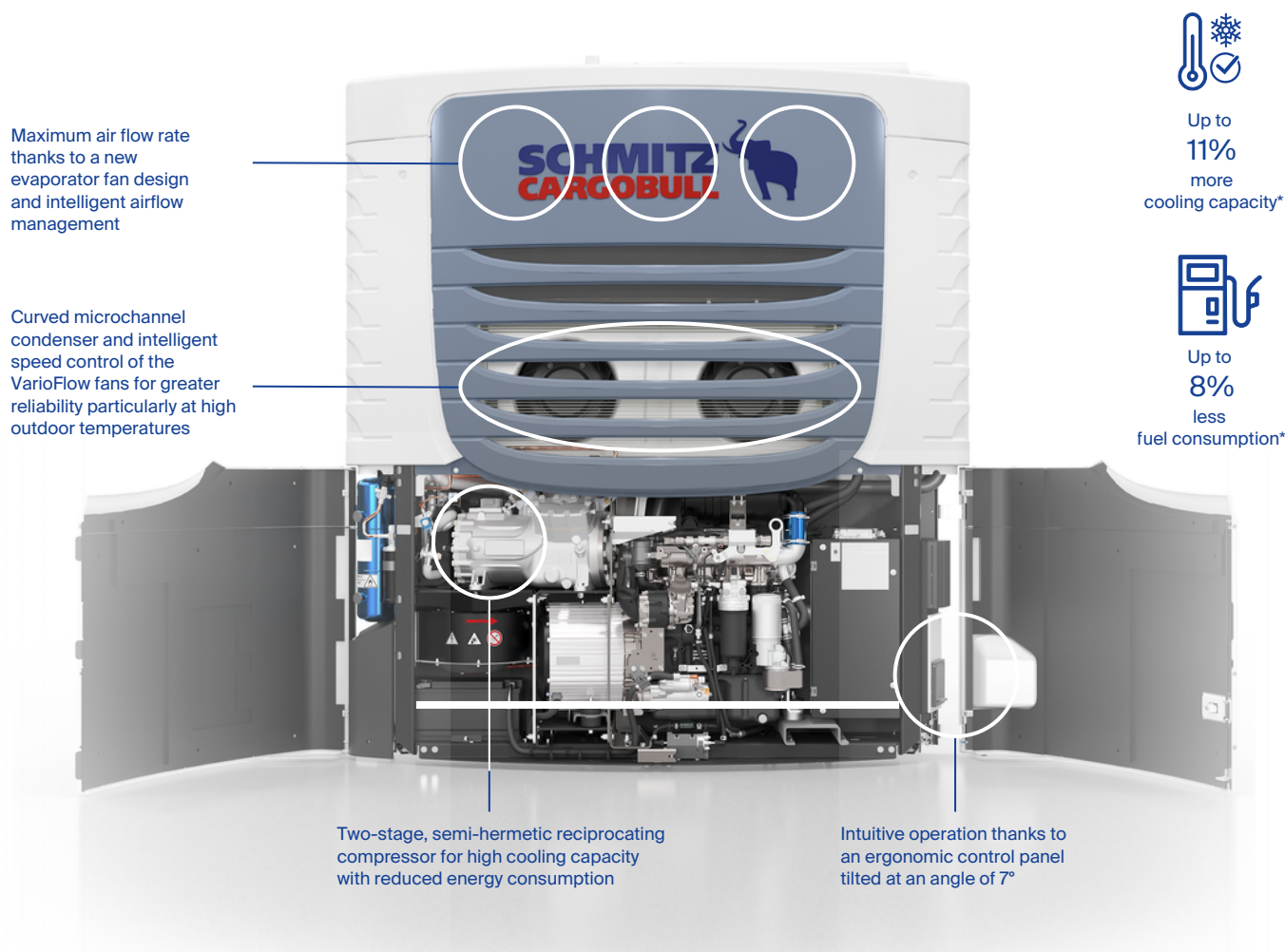


Contribution to low-emission transport

With the new R454A refrigerant in the European S.CU modular system, Schmitz Cargobull is significantly reducing the carbon footprint of its refrigerated transport. Thanks to an 89% reduction in CO₂-equivalent compared with R452A, the solution makes a significant contribution to lower-emission transport.

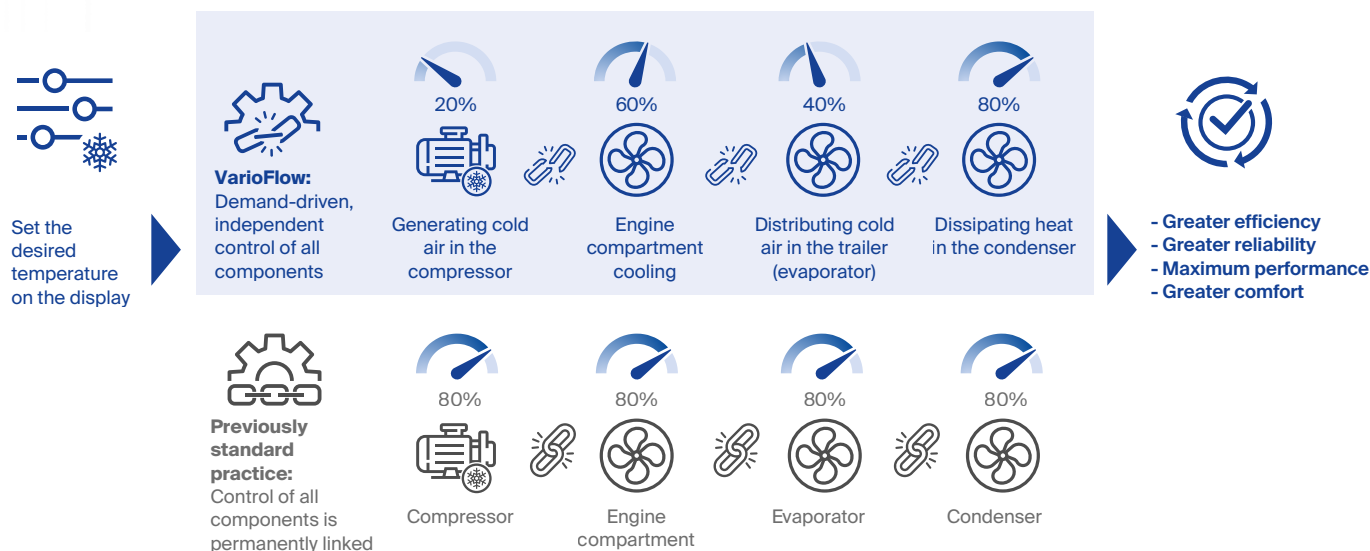
Absolutely reliable –
even at high
outdoor temperatures.

Intelligent and precisely tailored to your
needs: the S.CU dc100 is the cooling unit
designed for maximum energy efficiency and
precise temperature control without
compromise.



VARIOWFLOW

Always the performance you need.
Optimal air flow and demand-driven cooling
capacity with minimum fuel consumption.



* Compared with the previous model, the S.CU dc90

Reliable services for maximum efficiency.

From maintenance and digital solutions to a full-service offering, we help you to increase the availability of your refrigerated vehicles and reduce operating costs.

Optimal availability and lower service costs thanks to a maintenance-friendly design

A low-maintenance electrified refrigeration circuit, including 48V diagnostic-capable fans, reduces operational effort and strain. In addition, the S.CU's 12V battery is recharged via the EBS when the tractor is coupled, regardless of whether the S.CU is in operation, thanks to the Body Control Unit (BCU).



Ex works: intelligently connected with TrailerConnect®

Maximum transparency and simplified control via the central Body Control Unit (BCU). As a digital interface, it connects the vehicle, the cooling unit and TrailerConnect® telematics to ensure seamless connectivity and the optimal use of digital services.



You can rely on this:

Schmitz Cargobull Premium Services for Maximum Uptime

- Tailored financing and insurance solutions from an industry expert
- Second Hand – First Class Quality-Tested Used Vehicles
- TrailerConnect® telematics and digital services for smarter logistics
- Spare parts you can count on for timely repairs
- Full service for trailers, cooling units, and tyres
- Genuine spare parts online, delivered within 24 hours
- Cargobull Mobile Service Van
- 24 h Cargobull Euroservice roadside assistance across Europe
- 1,400 service partners: your professional workshop network
- DR. COOL AI Repair Assistant

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