

User-friendly control via TrailerConnect® portal and app

For over-the-air updates and setting of defined operating modes

With the preconfigured operating modes, it is now ensured for every refrigerated transport that the goods are always at the correct temperature. This is achieved thanks to simple creation of the CargoSets in the TrailerConnect® portal and with direct transmission of the CargoSets "over-the-air" to the cooling unit. The driver simply activates them via the display of the S.CU.



- **Secured refrigerated transport** - presetting options ensure optimized and driver-independent setting of the cooling unit for any type of goods.
- **No loss of control** - Control and simultaneous monitoring via the TrailerConnect® portal prevents manual operating errors of the cooling unit.
- **High degree of flexibility** - Custom creation of CargoSets in the TrailerConnect® portal enables precise pre-settings for the cooling unit.
- **Easy handling** - CargoSets can be transferred to the cooling unit with a mouse click and set in no time at all via the display on the S.CU.
- **Better planning** - CargoSets ensure improved preparation for the next refrigeration transport.
- **Increased efficiency** - avoidance of workshop visits for the installation of pre-setting options as well as perfectly temperature-controlled goods during transport.



One-Stop Solution Premium Services from Schmitz Cargobull



**SCHMITZ
CARGOBULL**

The Trailer Company.



Cooling units S.CU

Precise temperature control for high fabric quality

Benefits at a glance:

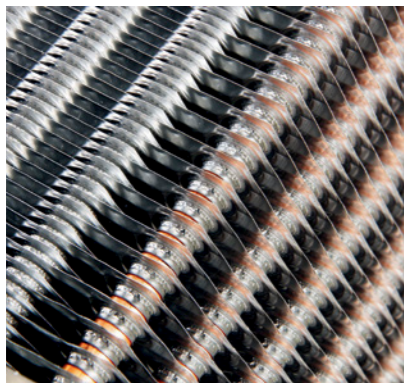
- Diesel and electrically powered cooling units for efficient and safe transport of temperature-controlled cargo
- Optimized temperature control especially for the transport of sensitive goods
- Short defrost cycles and high heating capacity for fast defrosting
- Up to 15% less fuel consumption*, especially in partial load operation
- Over-the-air updates, control and monitoring of technical functions with TrailerConnect®.
- Greater comfort and lower noise levels thanks to a newly developed decoupling of the drive unit
- Proactive service through real-time monitoring of the cooling unit**.
- Extended maintenance cycles
- Europe-wide service network with trained specialist workshops

Subject to change without notice. Illustrations partly with optional equipment.

SCU-FLY-DEIGB-0600-3622

Applies to all cooling units S.CU:

Performance



Fewer defrost cycles: Optimized evaporator design prevents premature icing.



Higher cooling and heating capacity: Cooling unit S.CU are fast at the set temperature and maintain it efficiently.



Silent-Kit is installed as standard in the casing of every cooling unit S.CU and reduces drive noise.

Comfort



The control panel has intuitive menu navigation. 17 national languages can be set. The operating panel is PIN-protected against unauthorized access.



Two-way communication*: Operator-friendly control over-the-air via TrailerConnect® portal and app. e.g. switch on/off, start/stop mode, set setpoints, set CargoSets.



Preconfigured operating modes: CargoSets ensures that the transported goods are correctly temperature-controlled for each refrigerated transport.

Service



Proactive monitoring 2.0* protects against failures: Telematics data is analyzed in real time - if necessary, the customer is alerted and the stop at the service partner is prepared.



Professional full service* enables maximum availability of the cooling unit S.CU.



Solar panel* protects the starter battery from deep discharge and thus from damage. Battery life is increased and comfort functions are available for longer.



Diesel-powered cooling units



Powerful cooling unit with MultiTemp option

- Highly efficient common rail diesel engine and optimized generator with precise temperature management
- Performance mode with three selectable modes for efficient operation: Power, Normal and Eco
- Start/stop in electric mode
- Save up to 15% fuel with Performance Mode
- Highest cooling and heating capacity for fast pre-cooling and heating up
- 15,900 watts cooling capacity, 12,500 watts heating capacity
- Maximum flexibility - available as Mono- and MultiTemp



New, quiet cooling unit also for low fuel quality

- Proven, robust, emission-optimized diesel engine
- Optimized refrigeration circuit with scroll technology and microchannel condenser for higher operational reliability at increased outside temperatures
- Quietest cooling unit on the market: 94.9 dB(A)
- Up to 14,000 watts cooling capacity, up to 10,500 watts heating capacity
- Reduced refrigerant charge for greater sustainability
- Available in MonoTemp version



Electrically operated cooling units



Emission-free, all-electric cooling unit with innovative charging technology

- Integrated power electronics, battery operation incl. e-axis
- Optimized temperature control, especially for the transport of sensitive goods
- Autonomous running time \varnothing ~4.5 h
- 15,800 watts cooling capacity, 10,500 watts heating capacity
- Power supply (400 V AC, 50 Hz) by battery system or via mains, charging with CEE plug
- On-board charger 22 kW



Electric cooling unit for distribution use

- Optimized temperature control, especially for the transport of sensitive goods
- Mains operation 32 A, 400 V at 50 Hz, operation via ePTO possible
- 15,800 watts cooling capacity, 10,500 watts heating capacity
- Available in MonoTemp version