

Additional Cooling for Trucks and Specialist Vehicles



Whilst many trucks and specialist vehicles have original fitment air conditioning included within their specification, additional or alternative cooling is required on occasions when the engine is not running, such as sleeping or resting in the cab, when it is expensive and ecologically unfriendly to operate the engine just to power the integrated air conditioning system.

Eberspächer can now offer two different solutions for the problem of excessive heat in the cab when parked.

Evaporative Coolers

The Bycool evaporative unit ranges are cooling systems that can operate during the day or night, with the engine either on or off. Based on the principle that, when a liquid evaporates it absorbs the surrounding heat, these units draw warm air over a wet filter and the water is evaporated absorbing the heat and thus cooling the air.

Since these units do not have a compressor, the operation is very quiet, very useful if the driver is sleeping. This also means that the power consumption is a lot lower than compressor driven options, less than 4amps per hour which means the unit can operate for long periods without draining the battery.

The units are roof mounted, often within the space occupied by the roof hatch, for which there are a range of dedicated roof panels available. For other vehicles there is a standard roof panel with 4 individual outlets with an integrated control panel. The operator has the choice of using either these controls or the supplied convenient remote control.

Special "Microfilter" versions are available for vehicles that operate in off-road or dusty conditions. These units have air inlets with active carbon filters, also useful for a wide range of agricultural machinery.

There are also versions specially prepared for vehicles carrying dangerous goods such as fuel tankers with ADR electrics.

Also available to special order in 12 volt.



Power Consumption	0.4 to 4 Amp/hour
Airflow	900 m ³ /hr
Water Capacity	35 Litres
Dimensions (WxDxH)	790 x 860 x 240 mm