

# EXCELLENT STAND-ALONE CLIMATE CONTROL INSTALLED IN ONLY THREE HOURS



Cooltronic 1400 G2 Slim Hatch



## EBERSPÄCHER COOLTRONIC 1400 G2 SLIM HATCH

### COOLTRONIC INSTALLATION EXAMPLE FOR A MERCEDES-BENZ ACTROS

**Swelteringly hot in the cab? It doesn't have to be that way! Put things right – cost-effectively – with a stand-alone climate control unit from Eberspächer. Installation is simple and quick.**

Both drivers and road haulers stand to benefit from the retrofitting of an Eberspächer stand-alone climate control unit: the models in the Cooltronic range not only ensure a pleasantly cool environment but also reduce air humidity in the cab. The special advantage: the compressor technology is battery-operated and completely independent of the engine – unlike in standard air-conditioning solutions, which only work while the engine is running. The units are designed to consume particularly low amounts of energy and have integrated undervoltage protection to guarantee that the engine will start at all times. In air-conditioning mode, this not only avoids annoying idling noise and CO<sub>2</sub> emissions but also saves fuel and thereby costs.

#### Advantage: unit pre-assembled and filled

Fitting, in three main steps, proves so easy that it can be carried out by experienced, qualified workshop personnel in three or a maximum of four hours. A major advantage of Eberspächer's Cooltronic roof-mounted systems: the units, including air outlets, are pre-assembled ready for fitting and precharged with refrigerant in the closed system. No pipe connections therefore have to be connected and there is no need to charge with refrigerants. As these are standard products, workshops require no special tools or particular training certificates to fit them. For every climate control unit, Eberspächer provides clearly understandable fitting instructions complete with detailed illustrations. In addition, individual questions can be answered via a hotline.

#### Extra compact, extra powerful

The Eberspächer Cooltronic 1400 G2 Slim Hatch is distinguished by its high cooling power of 1,400 watts. With an overall height of 12 cm on the cab roof, it is designed to be extremely flat and compact to comply with the height restrictions for modern cabs. A further special feature and major plus point for the Eberspächer product: the complete unit can be inserted perfectly into the existing roof hatch of the cab. Error-prone operations such as drilling, welding or even cutting open the cab roof are thus simply not required. Besides the cover plate, the installation kit, which is specific to the vehicle, contains the appropriate cables and sealing materials, retaining brackets and all necessary



Vehicle-specific installation kit

small parts. Tip: in the case of Mercedes models, depending on the standard equipment, please ensure the truck has the optional electrical distribution accessory installed.



# 1

## Installation step 1: remove roof hatch, insert unit

The first step on the way to good air-conditioning in the cab is to replace the roof hatch with the climate control unit: take off the curtain rail and external cover of the roof hatch, remove the tubes for conveying rainwater, unplug the roof hatch motor. Now just simply lift the roof hatch and bring it inside. Next, clean the edge of the hatch and remove any adhesive residues on the cab roof, then apply the new sealing flush around the hatch edge. With the help of an assembly crane, now place the pre-filled and pre-assembled climate control unit (weight approximately 31 kilograms) onto the roof hatch. Make sure that the sealing does not block the condensate outlets of the unit.



## Installation step 2: screw in unit

The second step involves screwing in the bolts for the cover plate and fixing the retaining brackets of the unit with hexagonal profiles. Now put on the plate loosely and – very important – align the unit exactly in the middle of the hatch. Then screw in the plate parts completely and connect the plug and cable.

# 2

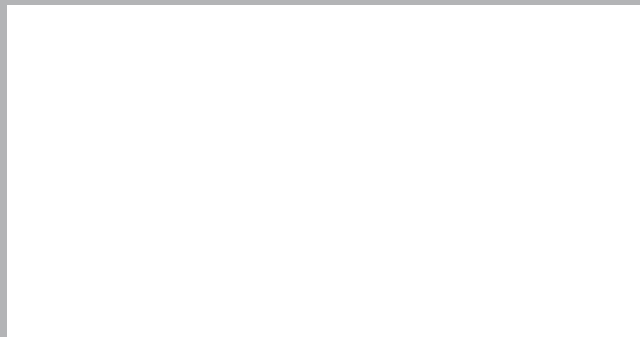
# 3

## Installation step 3: connect unit

The third step involves cabling: to prepare the cable routing, first remove the cab light and dashboard cover. Lay the cables of the climate control unit through the roof lining up to the fuse box. At this point, the Eberspaecher experts recommend a small auxiliary construction including a solid wire, in order to guide the cable harness along directly behind the cab trim. Finally, the cables just have to be suitably cut and connected to the cab's power supply – then you're finished!



The scope of supply includes a remote control for simple, user-friendly control of a comfortable climate in the cab.



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