



P R E S S R E L E A S E

**Excellent air-conditioning in the midi bus: Eberspaecher
Suetrak AC 520**

Renningen, 02. November 2010 – Especially for medium-sized urban buses and touring coaches – so-called midi buses – Eberspaecher Suetrak now offers a new on-roof air-conditioning unit: The AC 520 product family stands out due to its high refrigerating capacity (between 15 and 30 kW) coupled with low weight. In addition, the space-saving arrangement of capacitor and vaporizer units gives bus and coach makers a great deal of leeway in integrating this new unit into the vehicle.

Midi buses are in use in many countries of the world – from Turkey via India through to South America. In larger cities they are often used as so-called “feeders” to the main bus routes, but they are also suitable as intercity touring buses. So that these buses and coaches can make an impact in terms of appropriate comfort in these mostly hot countries, they require a powerful air-conditioning unit that suits the relatively low weight and space conditions of a midi bus. When it comes to passenger number and vehicle size, midi buses cover a very broad spectrum and therefore require variable comfort solutions with standardized installation dimensions.

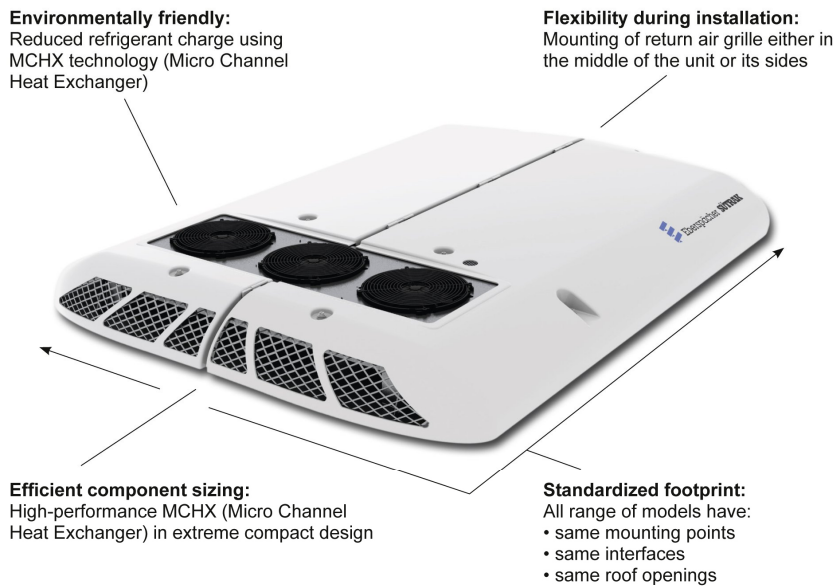
Modern design for high refrigerating capacity

Eberspaecher Suetrak now has a solution for this in its product portfolio: a major advantage of the AC 520 is its wide range, covering various high-performance model versions between 15 and 30 kW and enabling it to offer a high degree of

flexibility in application. In addition, it has clear advantages in terms of installation space which are apparent at first sight in the product: due to the transverse capacitor the whole on-roof unit becomes shorter. The bus maker can choose to position the induction ports for the return air from the passenger compartment in the middle of the vehicle or at the side, depending on the interior and the roof design of the respective vehicle model.

The technical basis both for high performance and compact construction is an innovative capacitor concept. Here Eberspaecher Suetrak uses a heat exchanger with micro channel technology (known for short as MCHX or micro channel heat exchanger) with a proven track record from the car sector. Due to optimized heat transfer, this technology ensures better thermal performance. In addition, it makes the compact sub-assembly lighter.

Further options – such as brushless blower technology for longer durability or a fresh air option with a fresh air component of up to 100 percent – make the AC 520 which, incidentally, is outstandingly suited to applications in hot countries, even more attractive for the multitude of midi bus versions in existence. All the components and versions have been extensively tested and meet the highest quality and safety standards.



Caption:

AC 520IV_E.jpg / AC 520IV_blanko.jpg

Compact construction: because the capacitor is placed transversally, the AC 520 IV from Eberspaecher Suetrak takes up little installation space and is ideally suited for use in midi buses.

Eberspaecher ranks amongst the leading exhaust technology system developers and supplies worldwide passenger cars, commercial vehicles and non-road vehicles with innovative solutions for exhaust gas aftertreatment. Eberspaecher also provides customized heating systems for all commercial vehicles and passenger car models – including electric and biodiesel vehicles. The subsidiary Eberspaecher Suetrak develops and distributes bus air-conditioning concepts and products. The worldwide established group of companies also operates in the field of automotive electronics and automotive bus systems for electronic networking. Its customers include almost all European and North American, and increasingly more Asian manufacturers of passenger cars and commercial vehicles. In 2009, Eberspaecher, with its workforce of nearly 5 300 people around the globe, generated a turnover of more than € 1.3 billion.

J. Eberspaecher GmbH & Co. KG
Public Relations
Eberspaecherstrasse 24
73730 Esslingen / GERMANY

Telefon +49 711 939-0250
Telefax +49 711 939-0642
E-Mail presse@eberspaecher.com
www.eberspaecher.com