

We have more than 35 years of experience, developing direct current compressors and helping customers benefit from the opportunities of mobile refrigeration technology.

With a deep insight of the usage across various applications we have earned a position as market leader, working with OEM-customers.

CASE STORY AUDI/DOMETIC



SECOP BD1.4F-AUTO COMPRESSOR FOR AUDI'S FLAGSHIP



Secop has developed a battery-driven compressor that will be used in Audi's flagship A8 to keep the beverages cold.

The cool box developed by Dometic uses around two third less energy compared to similar electrical versions which do not have a compressor. It cools the contents to refrigerator temperature, no matter how warm the weather is.

Would a music centre with 19 loudspeakers tempt you?

Or what about an air pillow massage, built into the back rest?

PERFECT PERFORMANCE/DIMENSION RATIO

There are plenty of options for wealthy people to consider when they work their way through the list of optional extras on the new A8 – German car producer Audi's flagship model.

One of the options for the back seat is a discreet built-in fridge box. The compressor in the refrigerator is made by Secop. It ensures cool beverages for the drive. The compressor is called BD1.4F-AUTO and is the market's smallest battery-driven compressor.

DOMETIC COOLER BOX

The refrigeration company Dometic produces the fridges where Secop compressors are installed before it is all assembled on the Audi production line.

The Dometic group is a customer driven, world-leading provider of leisure products for the caravan, motor home, automotive, truck and marine markets.

This car specific refrigerator has been developed in close cooperation with Audi for the model A8.

The elegant yet compact compressor refrigeration has been harmoniously integrated in the hole once utilized for the ski bag, thus, saving space.

The refrigerator has a net volume of 10 litres and storage facilities for bottles, cans and small snacks. The silent and reliable working Secop compressor assures maximum cooling performance, even freezing is possible.

The innovative inner light concept highlights the luxury character of this Dometic product.

HIGH QUALITY STANDARDS

This is the first time Secop will deliver compressors to the automotive industry, and it is a bit of a challenge.

This industry implements some of the world's strictest quality requirements, and the reality is that it does not accept any errors. This means that each and every compressor is thoroughly tested before it leaves the assembly line.

FEATURES AND BENEFITS

Secop's BD1.4F-AUTO compressor helps in reducing the amount of electric power used in automotive applications.

- Using less electric power - lower fuel consumption
- Flexible controller - fits to various HMI designs
- Less weight & size - lower fuel consumption
- Perfect performance/dimension ratio
- Customer-specific solutions

