

Technical Characteristics of B-100 Cooling Machine 10

Thermoking's B-100 10 electric cooler is powered by the vehicle's battery.

The technical specifications of B-100 10 chiller are:

- Drive from the car battery with compressor
- **Air supply to the evaporator 680 m³/h**
- Automatic defrosting
- **Machine weight 56kg**
- Ecological Freon **R-134a**
- **Electronic Cab Controller** to operate the machine from the driver's cab
- Cooling capacity **with an outdoor temperature of 30° C:**

0 °C	1.013 W
-20 °C	312 W

Note: For the correct and trouble-free operation of the machine a power dynamo of at least 125A and a 90Ah battery are required.



Condenser



ES100
Ultra Slim Evaporator

Cab "Direct Smart Reefer" Controller

- **Electronic Cab Control** for simple machine operation from the driver's cab
- Indications of faults and operating hours.



We note that:

- The above temperatures are **given by the manufacturer with an outdoor temperature of 30°C.**
- For **the distribution case, PVC curtains are necessary** to limit the cooling losses from the opening of the vehicle doors.
- In the case of **dense distribution** (i.e. more than 10 door openings or even less in an extremely short time), it goes without saying that the desired cooling temperatures cannot be achieved during distribution.
- Especially for the **transport of frozen products**, before loading it **is necessary to pre-cool** the loading area, either by motor or electric motor (it is desirable that the refrigeration machine has an electric motor).