

## Technical Characteristics of B-100 Cooling Machine 20

Thermoking's B-100 20 electric refrigeration machine is powered by the **vehicle's battery**, but also by a **single-phase electric motor**.

### Technical Specifications

- **Powered by the vehicle's battery** with compressor
- Powered by a **single-phase electric motor** for the operation of the refrigerating machine with power supply when the vehicle is stationary
- **Air supply** to the evaporator **680 m<sup>3</sup>/h**
- Automatic defrosting
- Machine **weight 68 kg**
- Ecological **Freon R-134a**
- Cooling capacity **with an outdoor temperature of 30°C** (according to the European ATP standard):

0oC	981 W
-20oC	302 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).