



## **Technical Characteristics of B-100 Cooling Machine 20**

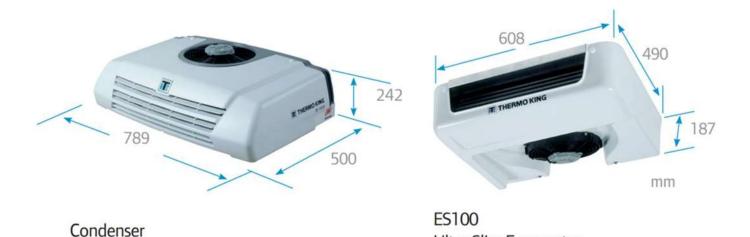
Thermoking's B-100 20 electric refrigeration machine is powered by the vehicle's battery, but also by a single-phase electric motor.

## **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 m3/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):

0оС	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.



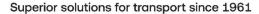
## Cab "Direct Smart Reefer" Controller

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



Ultra Slim Evaporator







## 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).

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