

### Technical Specifications of the V-500X 20 Max Refrigeration Unit

The refrigeration unit recommended is the V-500X 20 Max model by Thermoking, which is powered by the vehicle's engine when the vehicle is in operation, but also by a three-phase electric motor for operation with power supply via a power outlet when the vehicle is stationary.

#### **Technical Specifications.**

- Powered by a three-phase electric motor, with power supply.
- Powered by the vehicle's engine, with QP16 compressor.
- Machine weight 110 kg.
- Automatic and manual defrosting
- Environmentally friendly R-452a refrigerant
- Cooling capacity at an external temperature of 30°C (according to European standard ATP)

0°C	5.440 W
-20°C	3.030 W



#### **Evaporator: ES500MAX Ultra Slim**



- Air supply to the evaporator 2,353 m<sup>3</sup>/h with heavy-duty fans for longer service life compared to conventional fans.
- Particularly slim design allowing loading up to 240 mm from the ceiling

**Cab «Direct Smart Reefer» Controller**

- Electronic Cab Control for easy machine operation from the driver's cab.
- Fault indicators and operating hour meters .



**Please note :**

- The above temperatures are provided by the manufacturer based on an external temperature of 30°C.
- For the distribution process, it is essential to have PVC curtains to limit the escape of cold air from the vehicle doors when they are open.
- In the event of dense distribution (i.e. for more than 10 door openings or for fewer doors but for an exceptionally long period of time), it is obvious that the desired cooling temperatures cannot be achieved during distribution. It is obvious that the desired cooling temperatures cannot be achieved during distribution.
- Specifically for the transport of frozen products, before delivery, it is essential to cool the delivery area, whether operating with the engine or with the electric motor (it is desirable for the refrigeration unit to have an electric motor)