Refrigeration unit data sheet

Thermo King V300 max 20

Roof-mounted unit · Frozen transport



max. 3,330 W	12 V	1,400 m³/h	approx. 221 mm
Refrigeration capacity at 0 °C	Operating voltage	Air flow	Installation height

Technical data

Refrigeration unit drive during vehicle operation	**Belt drive**
Maximum current	**452 A**
Refrigerant	**R452A**

Performance features

- Engine-driven transport refrigeration unit for cooling, 12 V
- Ultra-flat ES150 evaporator
- Split unit for installation on the front wall above the cab
- Refrigeration while driving, 12 V (driven by the vehicle engine), and 220 V electric motor
- Ultra-flat ES 300 evaporator with 2 fans, airflow 1,250 m³/h
- Manual defrost or automatic timer-controlled defrost
- In-cab remote control with temperature display The remote control and temperature recorder are installed in the existing available DIN slot. Otherwise, they are installed at a location we consider suitable. Subsequent changes can be made and will be charged according to the work required.
- DSR controller – Smart Reefer
- Effective refrigeration capacity at an ambient temperature of 30 °C under ATP conditions: 3,355 Watt at 0 °C 1,820 Watt at -20 °C 1,550 Watt at -25 °C
- Unit weight approx. 96 kg
- R452A refrigerant: particularly environmentally friendly – 50% lower CO^2 impact; complies with legal requirements from 2020

Available for

Citroën
Jumpy K0 Belt Drive

Fiat
Ducato X250 – Frozen goods – belt-driven refrigeration

Opel
Vivaro K0 – belt-driven refrigeration

Peugeot
Expert K0 – belt-driven refrigeration

Renault
Master – Frozen goods – belt-driven refrigeration · Trafic – Frozen goods

Toyota
Proace K0 frozen goods, belt drive

Volkswagen
VW New Transporter – Frozen goods

Project-specific assessment

Base vehicle and installation situation · Temperature range and route profile · Power supply and stationary periods

Suitability is assessed according to the base vehicle, installation situation, temperature range and route profile.

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