Refrigeration unit data sheet

# Thermo King V300 max 50

Roof-mounted unit · Chilled and frozen goods transport



| max. 3,330 W | 12 V | 1,400 m³/h | +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 and heating
- 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. 99 kg

### Available for

**Citroën**
Jumpy K0 Belt Drive

**Ford**
Transit Custom – Frozen goods

**Opel**
Movano X250 – Frozen goods – belt-driven refrigeration · Vivaro K0 – belt-driven refrigeration

**Peugeot**
Expert K0 – belt-driven refrigeration

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