Refrigeration unit data sheet

Thermo King E200-20

Roof-mounted unit · Chilled transport

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1507 watts	12 V	+221 mm	134 A
Refrigeration capacity at 0 °C	Operating voltage	Installation height	Maximum current

Technical data

Refrigeration unit drive during vehicle operation	**Electric refrigeration**
Refrigerant	**R134a**

Performance features

- The Thermo King E-200 is a fully electric refrigeration unit designed for vans. Its variable-speed compressor precisely controls the cargo area temperature, reduces energy consumption, and improves reliability. A specially developed inverter ensures the unit delivers consistent power independently of the vehicle. This is especially advantageous in delivery traffic with frequent stops. The system also operates quietly enough to meet noise protection regulations in urban centers. The DSR-IV controller features intelligent energy management, synchronizing power supply with demand. A smart charging system manages multiple power sources, including an additional battery unit. Integrated telematics allow tracking the location and status of each unit in the fleet. Defrosting is automatic using hot gas. Depending on the cargo area, evaporators ES100N, ES150, and ES200 are available. The Thermo King E200-20 cools during driving or vehicle operation and at rest via the 230 V socket.

Note

Technical data refrigerant: R-134a, charge 1,31 kg Cooling capacity: [value according to Thermo King data sheet] Mains operation: 230 V / 1-phase / 50 Hz Controller: DSR-IV Defrost: automatic hot gas defrost Condenser: 1.180 × 535 × 221 mm (W × D × H), 54 kg Evaporator ES150: 755 × 540 × 187 mm, 14 kg Evaporator ES200: 985 × 525 × 187 mm, 15 kg Evaporator: ES150

Available for

Volkswagen
VW New e-Transporter – Chilled goods · VW New Transporter – Chilled 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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