Refrigeration unit data sheet

Thermo King V400X Max 20

Roof-mounted unit · Fresh delivery and deep-freeze



4082 watts	12 V	1990m³	+273 mm
Refrigeration capacity	Operating voltage	Air flow	Installation height

Technical data

Refrigeration unit drive during vehicle operation	**Belt drive**
Maximum current	**452 A**
Refrigerant	**R452a**

Performance features

- Thermo King V-400X MAX: powerful and quiet refrigeration unit without its own engine and without exhaust emissions. The temperature is precisely controlled to 1 °C, with standby cooling possible via mains power. The Thermo King V-400X MAX from the VX series offers high cooling capacity and precise temperature control. Using the control panel in the driver's cab, you regulate the load space temperature in single and multi-temperature operation to an accuracy of 1 °C. Because the unit operates without its own engine, it produces no exhaust emissions and runs especially quietly. This is an advantage for deliveries in inner cities and residential areas. The unit weighs only 75 kg (model 50) and is compactly designed, leaving more payload capacity for goods. The aerodynamic design is optimized for daily use. - Cooling capacity while driving: 4.082 W at 0 °C / 2.237 W at -20 °C - Cooling capacity on mains power: 3.026 W at 0 °C / 1.496 W at -20 °C - Air volume: 1.990 m³/h - Temperature control: single and multi-temperature, accurate to 1 °C - Operation: control panel in the driver's cab

Note

Drive and standby cooling

Available for

MAN
TGE – Frozen goods – belt-driven refrigeration

Mercedes-Benz
Sprinter VS30 – Chilled goods – belt-driven refrigeration · Sprinter VS30 – Frozen goods – belt-driven refrigeration

Nissan
Interstar for chilled goods with belt drive

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

Peugeot
Boxer X250 – Chilled goods – belt-driven refrigeration · Boxer X250 – Frozen goods – belt-driven refrigeration · Expert K0 – belt-driven refrigeration

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

Toyota
Proace K0 frozen goods, belt drive

Volkswagen
VW Crafter – Chilled goods – belt-driven refrigeration · VW Crafter – Frozen goods – belt-driven refrigeration

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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