

B-080/085

C

V-190

V-200

V-300

V-400

V-500

V-700

A-1050N



V-300 Series, Specifications

DESCRIPTION

The V-300 Series from Thermo King comprises two-piece split units designed for fresh, frozen and deep frozen applications on small trucks and vans. The road compressor is powered by the vehicle's engine. In models with Electric stand-by, the second one is powered by an electric motor.

The V-300 MAX TC and TCI can manage two evaporators to provide temperature control for two compartments. Models with hot gas heating are also available. MAC modules can be added to single-temperature cool-only units to provide air conditioning.

SYSTEM COMPONENTS

- Condenser
- ES300/ES300 MAX evaporator (except TC/TCI model)
- Engine driven compressor
- Installation kit
- Slim evaporator TC/TCI models
- In-cab control box
- MH (heating) module for 30/50 models
- MTC module for bi-temp. units
- MTCH module for bi-temp. and heating units
- MAC module for cabin a/c
- MTCI module for multi-temp. units
- Vehicle **drive kit** (on request)

REFRIGERANT

COMPRESSOR (ENGINE DRIVEN)

- Number of cylinders: 6
- Displacement: 146.7 cm³(8.95 cu. in.)
- Maximum recommended speed: 3,000 rpm
- Jet Lube and Jet Cool (on MAX units) compressor lubrication and cooling systems

DEFROST

- Automatic hot gas defrost

ELECTRIC MOTORS

- dc voltage options:
12 Vdc and 24 Vdc
- Electric stand-by options:
230V/1 Phase/50Hz
230V/1 Phase/60Hz
115V/1 Phase/60Hz
400V/3 Phase/50Hz
230V/3 Phase/50Hz
230V/3 Phase/60Hz
- Total current consumption on the road:

	12 Vdc	24 Vdc
V-300/300 MAX	28A	15A
V-300 MAX TC	37A	20A
V-300 MAX TCI	34A	18A

- Total stand-by current consumption:

V-300: HFC R-134a (1,75 kg)

Chlorine: Zero

V-300 MAX: HFC R-404A (1,75 kg)

Chlorine: Zero

	V-300/300 MAX	V-300 MAX TC/ TCI
230V/1 Phase/50Hz	10A	10.5A
230V/1 Phase/60Hz	10.2A	10.7A
115V/1 Phase/60Hz	13.3A	13.5A
400V/3 Phase/50Hz	4.5A	4.6A
230V/3 Phase/50Hz	7.7A	8A
230V/3 Phase/60Hz	7.9A	8.2A

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