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## C-300

**Guaranteed protection for chilled products.**

**Key Points:**

- Designed exclusively for fresh product applications
- User-friendly
- Minimum maintenance costs
- Ultra Slim evaporator
- [New M-15 II In-cab Controller microprocessor based](#)

## C-300 Features and Options

**Standard Features:**

- Constant air circulation
- Automatic evaporator defrost by fan
- [Digital In-cab Controller with simple on-off control and temperature preset](#)
- Electronic thermostat with fixed setpoint

## C-300 Specifications

**Description:**

- The C-300 Thermo King refrigeration unit is a cooling system with a vehicle engine driven compressor designed for fresh applications on direct drive trucks and vans.

**Refrigeration Capacity:** U.S. Standard - System net cooling capacity at 100 degrees F (38 degrees C) ambient and 2400 compressor rpm.

Air Return On the Road		with ES 300C Evaporator	
Degrees F	Degrees C	Btu/hr	Watts
37	3	9,635	2,825

**Refrigeration Capacity:** European Standard - System net cooling capacity under ATP conditions including 30 degrees C (86 degrees F) ambient.

Air Return On the Road		with ES 300C Evaporator	
Degrees C	Degrees F	Watts	Btu/hr
3	37	3,155	10,770

**Refrigerant:**

- HFC R-134a
- Chlorine: Zero
- Refrigerant charge - 3 lbs (1.4 kg)

**Defrost:**

- Evaporator fans run continuously during "compressor off" cycle

**Compressor (Engine Driven):**

- Number of cylinders: 6
- Displacement: 9.0 cu in (147 cm<sup>3</sup>)
- Speed Max recommended: 3,000 rpm

**Evaporator Blower Performance:**

- Evaporator fan performance at 0 in. (0 mm) water column external static pressure:
- Airflow volume: 765 cfm (1300 m<sup>3</sup>/h)

**Electric Motors:**

- dc voltage options: 12Vdc and 24Vdc
- Total current consumption:
  - 12 Vdc - 21 A
  - 24 Vdc - 10.5 A

**System Components:**

- Condenser
- Evaporator ES 300C
- Engine driven compressor

- Installation kit
- In-cab control box

**Weight: (approximate)**

	lbs	kg
Condenser	84	38
ES 300C (Ultra Slim Evap)	40	18

**Dimensions:**

	Height		Width		Depth	
Condenser	7.9 in	200 mm	31.1 in	789 mm	19.7 in	500 mm
ES 300C (Ultra Slim Evap)	7.0 in	178 mm	38.8 in	985 mm	21.7 in	550 mm
In-cab Controls	2.0 in	52 mm	5.2 in	130 mm	4.3 in	108 mm

Specifications are subject to change without notice.

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