

DIRECT DRIVE TRUCK - SINGLE TEMPERATURE



UNIT Width 1180 mm x Depth 485 mm x Height 222 mm

V-200

Superior temperature control

The V-100, 200 and 300 series offer the optimal temperature control solution for trucks and vans up to 28m³. This complete range share many common components including the Direct Smart Reefer and has many modular options to fulfill the requirements of every customer with the following benefits:

- Modern compact platform
- User friendly Direct Smart Reefer
- Increased reliability
- Easy maintenance, service and installation

PERFORMANCE

| REFRIGERATION CAPACITY | | AIRFLOW | |
|--|--------|------------------------------------|-------------------------|
| SYSTEM NET COOLING CAPACITY UNDER A.T.P. CONDITIONS AT 30 °C AMBIENT | | INDEPENDENT FROM UNIT ENGINE SPEED | |
| Capacity on engine power 0°C | 2255 W | Volume @ 0 Pa static pressure | 1210 m ³ /hr |
| Capacity on engine power -20°C | 945 W | | |
| Capacity on electrical stand by 0°C | 1850 W | | |
| Capacity on electrical stand by -20°C | 685 W | | |

TECHNICAL DATA

| COMPRESSOR | | GENERIC (BOXLENGTH, REFRIGERANT, ...) | |
|---------------------|---------------------|---------------------------------------|-------------------------|
| Model | QP13 | Box volume | 9 - 18 m ³ |
| Displacement | 131 cm ³ | Refrigerant | R-134a |
| Number of cylinders | 6 | Airflow | 1241 m ³ /hr |
| | | Controller | DSR III |

| WEIGHT | | DEFROST | |
|----------------------------------|--------|---------|---------------------------|
| Model 30 | 25 kg | Defrost | Automatic hot gas defrost |
| Model 50 | 75 kg | | |
| Installation kit | 24 kg | | |
| Condenser w/o electric stand-by | 25 kg | | |
| Condenser with electric stand-by | 43 kg | | |
| Evaporator | 15 kg | | |
| Swash Plate Compressor | 6.9 kg | | |

| UNIT DIMENSIONS | | ELECTRICAL STAND BY MOTOR | |
|---|---------|-----------------------------|--|
| Height | 222 mm | Voltage / Phase / Frequency | 230/1/50 -- 230/1/60 -- 400/3/50 -- 230/3/50 -- 230/3/60 |
| Width | 1180 mm | Rating | 3.7 kW |
| Depth | 485 mm | | |
| Condenser w/o electric stand-by Height | 242 mm | | |
| Condenser w/o electric stand-by Width | 789 mm | | |
| Condenser w/o electric stand-by Depth | 500 mm | | |
| Condenser with electric stand-by Height | 221 mm | | |
| Condenser with electric stand-by Width | 1180 mm | | |
| Condenser with electric stand-by Depth | 485 mm | | |
| Evaporator Height | 133 mm | | |
| Evaporator Width | 985 mm | | |
| Evaporator Depth | 525 mm | | |
| In-cab Controls Height | 46 mm | | |

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| | |
|-----------------------|--------|
| In-cab Controls Width | 135 mm |
| In-cab Controls Depth | 25 mm |

| NOISE | | REFRIGERANT | |
|-----------|----------|-------------|-----------------------|
| Road Mode | 85 dB(A) | Charge | 10: 1.0 -- 20: 1.2 kg |

AVAILABLE EVAP CONFIGURATIONS

| |
|--------|
| ES100 |
| ES100N |
| ES200 |

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| | STANDARD FEATURE | OPTION / FACTORY FITTED | OPTION / DEALER FITTED |
|--|------------------|-------------------------|------------------------|
| LIFE COST MANAGEMENT | | | |
| ThermoKare Service contracts | | | x |
| DATA CAPTURE & COMMUNICATIONS | | | |
| USB Datalogger | | | x |
| TouchPrint data logger | | | x |
| Wintrac (data analysis software) | | | x |
| Datalogger Jr | | | x |
| LOAD PROTECTION | | | |
| Hose extention 2 m/4 m/6 m | | x | |
| Bumper feet roof mounting | x | | |
| HMI holder | x | | |
| Kit hoses large (upgrade) | x | | |
| Kit swivel manifold (upgrade) | x | | |
| Din Adapter | | x | |
| Hose Cover | | x | |
| Muffler kit | | x | |
| Snow Cover (kit deflector Small) | | x | |
| Harness Extension 2m/4m/6m | | x | |
| Door switches | | x | |