

DIRECT DRIVE TRUCK - SINGLE TEMPERATURE



CONDENSER Width 1180 mm x Depth 535 mm x Height 221 mm

E-200

Charge into the era of all-electric transport refrigeration

- Compliant with sound regulations for urban access
- An extra smart charger to manage different power sources (including the additional battery pack)
- A variable speed compressor for precise temperature control, decreased energy consumption, and enhanced reliability
- A tailor-made inverter for constant capacity and exceptional operating efficiency, independent of the vehicle
- A stand out controller with power management intelligence to optimize the supply and demand of power
- Embedded telematics to track and monitor the condition of each unit in your transport fleet

PERFORMANCE

REFRIGERATION CAPACITY: INDIVIDUAL COOLING CAPACITY		AIRFLOW ON HIGH SPEED ENGINE OPERATION	
Capacity on engine power ES150 0°C (W)	1507 W	ES150	800 m3/hr
Capacity on engine power ES200 0°C (W)	1414 W	ES200	1012 m3/hr
Capacity on electrical stand by ES150 0°C (W)	1511 W		
Capacity on electrical stand by ES200 0°C (W)	1413 W		

TECHNICAL DATA

REFRIGERATION CAPACITY HIGH AMBIENT TEMPERATURE (55°C)		REFRIGERANT CHARGE	
ES 150 - Max Power Capacity	1958 W / 114 A (W) /Current (A)	Charge	1.31 kg
ES 200 - Max Power Capacity	1744 W / 120 A (W) /Current (A)		
ES 100N x ES100N - Capacity	1578 W / 120 A (W) /Current (A)		
ES 150 - Min Power Capacity	1259 W / 71 A (W) /Current (A)		
ES 200 - Min Power Capacity	1121 W / 75 A (W) /Current (A)		
ES 100N x ES100N - Min Power Capacity	1014 W / 75 A (W) /Current (A)		

GENERIC (BOXLENGTH, REFRIGERANT, ...)		DEFROST	
Refrigerant	R-134a	Defrost	Automatic hot gas defrost
Controller	DSR-IV		

WEIGHT INCLUDING BATTERY		ELECTRICAL STAND BY MOTOR	
Condenser	54 kg	Voltage / Phase / Frequency	1 ph / 230V / 50Hz, 1 ph / 230V / 60Hz, 1 ph / 115V / 60Hz
Evaporator ES150 MAX	14 kg		
Evaporator ES200 MAX	15 kg		

SOUND PRESSURE LEVEL	
High Speed Diesel	88 dB(A)

DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	STANDARD FEATURE	OPTION FACTORY FITTED	OPTION DEALER FITTED
LIFE COST MANAGEMENT			
ThermoKare Service contracts			x
2-year warranty coverage	x		
DATA CAPTURE & COMMUNICATIONS			
Tracking (tracking and load monitoring)		x	x
USB Datalogger	x		
LOAD PROTECTION			
Hold-over functionality	x		
Start/Stop and Increased Idle Speed Functionality	x		
Variable Speed Compressor	x		
Tailor Made Inverter	x		
Bumper feet roof mounting	x		
HMI holder	x		
Kit hoses large (upgrade)		x	
Din Adapter		x	
Snow Cover (kit deflector Small)		x	
Harness Extension 2m/4m/6m		x	
Door switches		x	

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E-200 MAX

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PERFORMANCE

REFRIGERATION CAPACITY: INDIVIDUAL COOLING CAPACITY		HEATING CAPACITY	
Capacity on engine power ES150 MAX 0°C	1958 W	Capacity on engine power -18°C	1300 W
Capacity on engine power ES150 MAX -20°C	1071 W	Capacity on Electrical Stand-By power -18°C	1300 W
Capacity on electrical stand by ES150 MAX 0°C	1947 W		
Capacity on electrical stand by ES150 MAX -20°C	1074 W		
Capacity on electrical stand by ES200 MAX 0°C	1780 W		
Capacity on electrical stand by ES200 MAX -20°C	921 W		
AIRFLOW ON HIGH SPEED ENGINE OPERATION			
ES150	800 m3/hr		
ES200	1012 m3/hr		

TECHNICAL DATA

REFRIGERATION CAPACITY HIGH AMBIENT TEMPERATURE (55°C)		REFRIGERANT CHARGE	
ES 150 - Max Power Capacity	1958 W / 114 A (W) /Current (A)	Charge	1.2 kg
ES 200 - Max Power Capacity	1744 W / 120 A (W) /Current (A)		
ES 150 - Min Power Capacity	1259 W / 71 A (W) /Current (A)		
ES 200 - Min Power Capacity	1121 W / 75 A (W) /Current (A)		
GENERIC (BOXLENGTH, REFRIGERANT, ...)		WEIGHT INCLUDING BATTERY	
Refrigerant	R-452A	Condenser	39 kg
Controller	DSR-IV	Evaporator ES150 MAX	14 kg
		Evaporator ES200 MAX	15 kg
ELECTRICAL STAND BY MOTOR		SOUND PRESSURE LEVEL	
Voltage / Phase / Frequency	1 ph / 230V / 50Hz 1 ph / 230V / 60Hz 1 ph / 115V / 60Hz	High Speed Diesel	88 dB(A)

DIRECT DRIVE TRUCK - SINGLE TEMPERATURE

	STANDARD FEATURE	OPTION FACTORY FITTED	OPTION DEALER FITTED
LIFE COST MANAGEMENT			
ThermoKare Service contracts			x
2-year warranty coverage	x		
DATA CAPTURE & COMMUNICATIONS			
Tracking (tracking and load monitoring)		x	x
USB Datalogger	x		
LOAD PROTECTION			
Hold-over functionality	x		
Start/Stop and Increased Idle Speed Functionality	x		
Variable Speed Compressor	x		
Tailor Made Inverter	x		
Bumper feet roof mounting	x		
HMI holder	x		
Kit hoses large (upgrade)		x	
Din Adapter		x	
Snow Cover (kit deflector Small)		x	
Harness Extension 2m/4m/6m		x	
Door switches		x	

DIRECT DRIVE TRUCK - MULTI TEMPERATURE



CONDENSER Width 1180 mm x Depth 535 mm x Height 221 mm

E-200 Spectrum

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PERFORMANCE

REFRIGERATION CAPACITY SYSTEM NET COOLING CAPACITY UNDER A.T.P. CONDITIONS AT 30 °C AMBIENT		HEATING CAPACITY	
Capacity on engine power ES100N MAX+ES100N MAX -20°C	820 W	Capacity on engine power -18°C	1300 W
Capacity on electrical stand by ES100N MAX+ES100N MAX -20°C	825 W	Capacity on Electrical Stand-By power -18°C	1300 W

AIRFLOW ON HIGH SPEED ENGINE OPERATION	
ES100N	580 m3/hr

TECHNICAL DATA

REFRIGERATION CAPACITY HIGH AMBIENT TEMPERATURE (55 °C)		REFRIGERANT CHARGE	
ES 100N x ES100N - Capacity	1578 W / 120 A (W) /Current (A)	Charge	1.59 kg
ES 100N x ES100N - Min Power Capacity	1014 W / 75 A (W) /Current (A)		

GENERIC (BOXLENGTH, REFRIGERANT, ...)		WEIGHT INCLUDING BATTERY	
Refrigerant	R-452A	Evaporator 2 x ES100N MAX	18 kg
Controller	DSR-IV	Condenser	54 kg

ELECTRICAL STAND BY MOTOR	
Voltage / Phase / Frequency	1 ph / 230V / 50Hz, 1 ph / 230V / 60Hz, 1 ph / 115V / 60Hz

DIRECT DRIVE TRUCK - MULTI TEMPERATURE

	STANDARD FEATURE	OPTION FACTORY FITTED	OPTION DEALER FITTED
LIFE COST MANAGEMENT			
ThermoKare Service contracts			x
2-year warranty coverage	x		
DATA CAPTURE & COMMUNICATIONS			
Tracking (tracking and load monitoring)		x	x
USB Datalogger	x		
LOAD PROTECTION			
Hold-over functionality	x		
Start/Stop and Increased Idle Speed Functionality	x		
Variable Speed Compressor	x		
Tailor Made Inverter	x		
Bumper feet roof mounting	x		
HMI holder	x		
Kit hoses large (upgrade)		x	
Din Adapter		x	
Snow Cover (kit deflector Small)		x	
Harness Extension 2m/4m/6m		x	
Door switches		x	