



CT-10

Clean, silent and efficient refrigeration.

- Lowest environmental impact
- Ideal for distribution services
- Extreme low noise: PIEK certified
- Precise temperature control

Dimensions	Unit
Height	
Width	
Depth	

Specifications

Refrigeration Capacity

System net cooling capacity under A.T.P. conditions at 30 °C ambient

Capacity on vehicle power/electric standby S-2 CT 0°C	5800 W
Capacity on vehicle power/electric standby S-2 CT -20°C	5200 W
Capacity on vehicle power/electric standby S-3 CT 0°C	8800 W
Capacity on vehicle power/electric standby S-3 CT -20°C	7800 W

Generic (Boxlength, Refrigerant, ...)

Boxlength	Up to 9 m
Airflow	1360 - 2040 m ³ /hr
Controller	Smart Reefer 3
Weight Electric Control Module	49 kg
Weight Tank 330L	171 kg
Weight Tank 330L + CO2	544 kg
Weight Tank 430L	207 kg
Weight Tank 430L + CO2	696 kg
Heating capacity per evaporator	5650 - 6850 W

Host Unit Electric Standby

AC Voltage/Phase/Cycles (system voltage)	380/3/50 -- 230/3/50 -- 230/1/60 (12v)
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Refrigerant: Recycled Liquid CO₂, R-744

Charge, 330L Tank	Maximum 373 kg
Charge, 430L Tank	Maximum 489 kg

Sample Zone Configuration

ZONE 1 Evaporator	S-2 CT
ZONE 1 Cooling Capacity	5800 W
ZONE 1 EVAPORATOR	1360 W

Airflow

on high speed engine operation

Airflow volume @ 0 pa static pressure S-2 CT	1360 m ³ /hr
Airflow volume @ 0 pa static pressure S-3 CT	2040 m ³ /hr
Discharge velocity - airthrow S-2 CT	9.1 m ³ /hr
Discharge velocity - airthrow S-3 CT	9.1 m ³ /hr

Features and Options

Not Available

Standard Feature

Option: Factory Supplied

Option: Dealer Supplied



CT-10 SPECTRUM

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Refrigeration Capacity

System net cooling capacity under A.T.P. conditions at 30 °C ambient

Capacity on vehicle power/electric standby S-2 CT 0°C	5800 W
Capacity on vehicle power/electric standby S-2 CT -20°C	5200 W
Capacity on vehicle power/electric standby S-3 CT 0°C	8800 W
Capacity on vehicle power/electric standby S-3 CT -20°C	7800 W

Generic (Boxlength, Refrigerant, ...)

Boxlength	Up to 9 m
Airflow	1360 - 4080 m ³ /hr
Controller	Smart Reefer 3
Weight Electric Control Module	49 kg
Weight Tank 330L	171 kg
Weight Tank 330L + CO2	544 kg
Weight Tank 430L	207 kg
Weight Tank 430L + CO2	696 kg
Heating capacity per evaporator	5650 - 6850 W

Host Unit Electric Standby

AC Voltage/Phase/Cycles (system voltage)	380/3/50 -- 230/3/50 -- 230/1/60 (12v)
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Refrigerant: Recycled Liquid CO₂, R-744

Charge, 330L Tank	Maximum 373 kg
Charge, 430L Tank	Maximum 489 kg

Sample Zone Configuration

ZONE 1 Evaporator	S-2 CT
ZONE 1 Cooling Capacity	5800 W
ZONE 1 EVAPORATOR	1360 W
ZONE 2 Evaporator	S-3 CT
ZONE 2 Cooling Capacity	8800 W
ZONE 2 EVAPORATOR	2040 W

Airflow

on high speed engine operation

Airflow volume @ 0 pa static pressure S-2 CT	1360 m ³ /hr
Airflow volume @ 0 pa static pressure S-3 CT	2040 m ³ /hr
Discharge velocity - airthrow S-2 CT	9.1 m ³ /hr
Discharge velocity - airthrow S-3 CT	9.1 m ³ /hr

Electrical Stand by Motor

Voltage / Phase / Frequency	400/3/50 -- 230/3/50
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Features and Options

Not Available

Standard Feature

Option: Factory Supplied

Option: Dealer Supplied



CT-15

Clean, silent and efficient refrigeration.

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- Precise temperature control

Dimensions	Unit
Height	
Width	
Depth	

Specifications

Refrigeration Capacity

System net cooling capacity under A.T.P. conditions at 30 °C ambient

Capacity on vehicle power/electric standby S-2 CT 0°C	5800 W
Capacity on vehicle power/electric standby S-2 CT -20°C	5200 W
Capacity on vehicle power/electric standby S-3 CT 0°C	8800 W
Capacity on vehicle power/electric standby S-3 CT -20°C	7800 W

Generic (Boxlength, Refrigerant, ...)

Boxlength	Up to 13 m
Airflow	1360 - 2040 m ³ /hr
Controller	Smart Reefer 3
Weight Electric Control Module	145 kg
Weight Tank 330L	171 kg
Weight Tank 330L + CO2	544 kg
Weight Tank 430L	207 kg
Weight Tank 430L + CO2	696 kg
Heating capacity per evaporator	5650 - 8650 W

Refrigerant: Recycled Liquid CO₂, R-744

Charge, 330L Tank	Maximum 373 kg
Charge, 430L Tank	Maximum 489 kg

Sample Zone Configuration

ZONE 1 Evaporator	S-3 CT
ZONE 1 Cooling Capacity	8800 W
ZONE 1 EVAPORATOR	2040 W

Airflow

on high speed engine operation

Airflow volume @ 0 pa static pressure S-2 CT	1360 m ³ /hr
Airflow volume @ 0 pa static pressure S-3 CT	2040 m ³ /hr
Discharge velocity - airthrow S-2 CT	9.1 m ³ /hr
Discharge velocity - airthrow S-3 CT	9.1 m ³ /hr

Features and Options

Not Available Standard Feature

Option: Factory Supplied Option: Dealer Supplied



CT-15 SPECTRUM

Clean, silent and efficient refrigeration.

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Dimensions	Unit
Height	
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Depth	

Specifications

Refrigeration Capacity

System net cooling capacity under A.T.P. conditions at 30 °C ambient

Capacity on vehicle power/electric standby S-2 CT 0°C	5800 W
Capacity on vehicle power/electric standby S-2 CT -20°C	5200 W
Capacity on vehicle power/electric standby S-3 CT 0°C	8800 W
Capacity on vehicle power/electric standby S-3 CT -20°C	7800 W

Generic (Boxlength, Refrigerant, ...)

Boxlength	Up to 13 m
Airflow	1360 - 6120 m ³ /hr
Controller	Smart Reefer 3
Weight Electric Control Module	145 kg
Weight Tank 330L	171 kg
Weight Tank 330L + CO2	544 kg
Weight Tank 430L	207 kg
Weight Tank 430L + CO2	696 kg
Heating capacity per evaporator	5650 -8650 W

Host Unit Electric Standby

AC Voltage/Phase/Cycles (system voltage)	380/3/50 -- 230/3/50 -- 115/1/60 (12v)
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Refrigerant: Recycled Liquid CO₂, R-744

Charge, 330L Tank	Maximum 373 kg
Charge, 430L Tank	Maximum 489 kg

Sample Zone Configuration

ZONE 1 Evaporator	S-2 CT
ZONE 1 Cooling Capacity	5800 W
ZONE 1 EVAPORATOR	1360 W
ZONE 2 Evaporator	S-3 CT
ZONE 2 Cooling Capacity	8800 W
ZONE 2 EVAPORATOR	2040 W
ZONE 3 Evaporator	S-3 CT
ZONE 3 Cooling Capacity	8800 W
ZONE 3 EVAPORATOR	2040 W

Airflow

on high speed engine operation

Airflow volume @ 0 pa static pressure S-2 CT	1360 m ³ /hr
Airflow volume @ 0 pa static pressure S-3 CT	2040 m ³ /hr
Discharge velocity - airthrow S-2 CT	9.1 m ³ /hr
Discharge velocity - airthrow S-3 CT	9.1 m ³ /hr

Electrical Stand by Motor

Voltage / Phase / Frequency	400/3/50 -- 230/3/50
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Features and Options

Not Available

Standard Feature

Option: Factory Supplied

Option: Dealer Supplied