

CT-10
Clean, silent and efficient refrigeration.

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

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
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
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)
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

Dimensions	Unit	Condenser
Height		
Width		
Depth		

Features and Options

- Not Available
- Option: Factory Supplied
- Standard Feature
- Option: Dealer Supplied

CT-10 SPECTRUM
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Capacity on vehicle power/electric standby S-2 CT 0°C	5800 W
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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
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 - airtrow S-2 CT	9.1 m ³ /hr
Discharge velocity - airtrow S-3 CT	9.1 m ³ /hr
Electrical Stand by Motor	
Voltage / Phase / Frequency	400/3/50 -- 230/3/50
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)
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

Dimensions	Unit	Condenser
Height		
Width		
Depth		

Features and Options

- Not Available
 Option: Factory Supplied
 Standard Feature
 Option: Dealer Supplied

CT-15
Clean, silent and efficient refrigeration.

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

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
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
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

Dimensions	Unit	Condenser
Height		
Width		
Depth		

Features and Options

- Not Available
 Option: Factory Supplied
 Standard Feature
 Option: Dealer Supplied

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Specifications

Refrigeration Capacity	
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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
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 - airtrow S-2 CT	9.1 m ³ /hr
Discharge velocity - airtrow S-3 CT	9.1 m ³ /hr
Electrical Stand by Motor	
Voltage / Phase / Frequency	400/3/50 -- 230/3/50
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)
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

Dimensions	Unit	Condenser
Height		
Width		
Depth		

Features and Options

- Not Available
- Option: Factory Supplied
- Standard Feature
- Option: Dealer Supplied