CT-10

Dimensions	Unit	Condenser
Height		
Width		
Depth		

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Refrigeration Capacity	
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	
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

CT-10 SPECTRUM

Dimensions	Unit	Condenser
Height		
Width		
Depth		

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Refrigeration Capacity	
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	
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

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

CT-15

Dimensions	Unit	Condenser
Height		
Width		
Depth		

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Refrigeration Capacity	
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	
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

CT-15 SPECTRUM

Dimensions	Unit	Condenser
Height		
Width		
Depth		

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Refrigeration Capacity	
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	
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

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