



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 m3/hr |
| Airflow volume @ 0 pa static pressure S-3 CT | 2040 m3/hr |
| Discharge velocity - airthrow S-2 CT | 9.1 m3/hr |
| Discharge velocity - airthrow S-3 CT | 9.1 m3/hr |

Generic (Boxlength, Refrigerant, ...)

| | |
|---------------------------------|-------------------|
| Boxlength | Up to 9 m |
| Airflow | 1360 - 2040 m3/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 | kg |
| Charge, 430L Tank | 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



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| 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 m3/hr |
| Airflow volume @ 0 pa static pressure S-3 CT | 2040 m3/hr |
| Discharge velocity - airthrow S-2 CT | 9.1 m3/hr |
| Discharge velocity - airthrow S-3 CT | 9.1 m3/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 m3/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 | kg |
| Charge, 430L Tank | 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.

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| Dimensions | Unit | Condenser |
|------------|------|-----------|
| 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 |

Airflow

on high speed engine operation

| | |
|--|------------|
| Airflow volume @ 0 pa static pressure S-2 CT | 1360 m3/hr |
| Airflow volume @ 0 pa static pressure S-3 CT | 2040 m3/hr |
| Discharge velocity - airtrow S-2 CT | 9.1 m3/hr |
| Discharge velocity - airtrow S-3 CT | 9.1 m3/hr |

Generic (Boxlength, Refrigerant, ...)

| | |
|---------------------------------|-------------------|
| Boxlength | Up to 13 m |
| Airflow | 1360 - 2040 m3/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 | kg |
| Charge, 430L Tank | kg |

Sample Zone Configuration

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

Features and Options

Not Available

Option: Factory Supplied

Standard Feature

Option: Dealer Supplied



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| Dimensions | Unit | Condenser |
|------------|------|-----------|
| 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 |

Airflow

on high speed engine operation

| | |
|--|------------|
| Airflow volume @ 0 pa static pressure S-2 CT | 1360 m3/hr |
| Airflow volume @ 0 pa static pressure S-3 CT | 2040 m3/hr |
| Discharge velocity - airtrow S-2 CT | 9.1 m3/hr |
| Discharge velocity - airtrow S-3 CT | 9.1 m3/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 m3/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 | kg |
| Charge, 430L Tank | 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 |

Features and Options

Not Available

Option: Factory Supplied

Standard Feature

Option: Dealer Supplied