

T-560R

E gran

Enhanced self-powered refrigeration unit for small & medium sized trucks

- Proven performance up to 55 °C
- $\boldsymbol{\cdot}$ As tough as the conditions it works in
- \cdot Full Thermo King service and parts support
- \cdot Ease of use for error-proof operation
- Market leading performance and economy
- Reduced environmental impact
- \cdot Frozen, chill or fresh cargo up to 5.5m body
- Stylish new appearance
- Refrigerant: Standard: R-452A / Optional: R-134a

Specifications

| Compressor | | | |
|--|----------------|--|--|
| Model | X214 Deep Sump | | |
| Displacement | 228 cm3 | | |
| Definement Change | | | |
| Refrigerant Charge | | | |
| Charge | 2.5 kg | | |
| Refrigeration Capacity | | | |
| System net cooling capacity under A.T.P. conditions at 30 °C | | | |
| ambient | | | |
| Capacity on engine power 0°C | 6300 W | | |
| Capacity on engine power -20°C | 3500 W | | |
| Capacity on electrical stand by 0°C | 4800 W | | |
| Capacity on electrical stand by -20°C | 2500 W | | |
| | | | |
| Generic (Boxlength, Refrigerant,) | | | |
| Boxlength | 4.0 - 5.5 m | | |
| Refrigerant | R-404A/R-452A | | |
| Airflow | 2150 m3/hr | | |

| on high speed engine operation | |
|--------------------------------|----------------------|
| Airflow | |
| Controller | Truck Smart Reefer 3 |
| Airflow | 2150 m3/hr |
| Refrigerant | R-404A/R-452A |

| Airflow volume @ 0 pa static pressure | 2150 m3/hr |
|---------------------------------------|------------|
| Discharge velocity - airthrow | 5.5 m/sec |
| | |
| Weight | |

| rieigne | |
|-------------------|--------------------------------|
| including battery | |
| Model 30 | 370 (Whisper option +17) kg |
| Model 50 | 400 (Whisper option +17) kg |

| Engine | |
|-------------------------------|-----------------------|
| Model | TK 270 |
| Rating | 7.5 kW |
| Maintenance Interval | 1000 hrs |
| no. of cylinders/displacement | TK 270V / 2 / 570 cm3 |

| Electrical Stand by Motor | |
|-----------------------------|---------------------------|
| Voltage / Phase / Frequency | 400 / 3 / 50 230 / 3 / |
| Rating | 50 230 / 3 / 60 4.5 kW |
| | |

Self Powered Truck - Single Temperature

| Dimensions | Unit | Condenser |
|------------|------|--------------|
| Height | 596 | 6 mm 596 mm |
| Width | 1670 | 6 mm 1676 mm |
| Depth | 920 | 6 mm 926 mm |

| | - |
|---|----------------------------|
| Li | ife cost management |
| ThermoKare Service contracts | |
| Cycle-Sentry start/stop control system | |
| EMI 2000 extended maintenance | |
| Thermo King high performance battery | |
| Thermo King Energy battery | |
| Premium AGM battery | |
| 2-year warranty coverage | |
| | |
| | re & communications |
| TouchPrint data capture | |
| TouchPrint Printer | |
| Remote Watch | |
| TSR standard in-cab display | |
| | |
| | Load Protection |
| Heater Bar Kit | |
| Auto phase correction | |
| SafeGuard battery protection kit | |
| Password protected controller | |
| Door switches | |
| Diesel/electric auto switching | |
| | Customization |
| Whisper noise attenuating kit | |
| Hose management kit | |
| TSR rear remote control | |
| | |
| TSR premium in-cab display Solar Panel | |
| Whisper low noise kit | |
| Body mount enclosure | |
| 901 fuel tank | |
| 502 1001 0011 | |
| Triple Combo Display | |
| ◯ Not Available | Standard Feature |
| Option: Factory Supplied | Option: Dealer Supplied |
| | |



THERMO KING 41 # 140a

Delivering what matters

T-600R

Quiet operation

- Low fuel consumption
- Low life cycle costs
- Easy to use and service
- Reduced emissions and waste

Self Powered Truck - Single Temperature

| Dimensions | Unit | Conde | enser |
|------------|------|---------|---------|
| Height | | 617 mm | 617 mm |
| Width | | 1887 mm | 919 mm |
| Depth | | 919 mm | 1887 mm |

Specifications

| Compressor | |
|---|------------------------|
| Model | X214 |
| Displacement | 228 cm3 |
| | |
| Refrigerant Charge | |
| Charge | 3.4 kg |
| Refrigeration Capacity | |
| System net cooling capacity under A.T.P. condi ambient | tions at 30 °C |
| Capacity on engine power 0°C | 6700 W |
| Capacity on engine power -20°C | 4000 W |
| Capacity on electrical stand by 0°C | 4800 W |
| Capacity on electrical stand by -20°C | 3200 W |
| Generic (Boxlength, Refrigerant,) | |
| Boxlength | 5.5 - 6 m |
| Refrigerant | R-404A/R-452A |
| Airflow | 2700 m3/hr |
| Controller | Truck Smart Reefer 3 |
| Airflow | |
| on high speed engine operation | |
| Airflow volume @ 0 pa static pressure | 2700 m3/hr |
| Discharge velocity - airthrow | 5.2 m/sec |
| | , |
| Weight | |
| including battery | |
| Model 30 | 441 kg |
| Model 50 | 473 kg |
| Engine | |
| Model | TK 370 |
| Rating | 11.2 kW |
| Maintenance Interval | 2000 hrs |
| no. of cylinders/displacement | TK 370 / 3 / 855 cm3 |
| Electrical Stand by Motor | |
| Voltage / Phase / Frequency | 400 / 3 / 50 230 / 3 / |
| | 50 230 / 3 / 60 |
| Rating | 4.5 kW |

| Feat | ures and Options |
|--|---------------------|
| L | ife cost management |
| ThermoKare Service contracts | |
| Cycle-Sentry start/stop control system | |
| EMI 2000 extended maintenance | |
| Fuel level sensor | |
| Thermo King high performance battery | |
| Thermo King Energy battery | |
| Premium AGM battery | |
| 2-year warranty coverage | |
| | |
| | re & communications |
| TouchPrint data capture | |
| TouchPrint Printer | |
| ServiceWatch maintenance logger | |
| DAS (Data Acquisition System) | |
| TracKing? (tracking and load monitoring) | |
| Wintrac (data analysis software) | |
| | Load Protection |
| TSR-3 standard in-cab display | |
| Heater Bar Kit | |
| Water Heater | |
| Auto phase correction | |
| SafeGuard battery protection kit | |
| Door switches | |
| Diesel/electric auto switching | |
| | _ |
| | Customization |
| TSR-3 premium in-cab display | |
| Whisper noise attenuating kit | |
| TSR-3 rear remote control | |
| Electronic Fuel Capture | |
| Hose management kit | |
| Solar Panel | |
| Body mount enclosure | |
| 90L fuel tank | |
| Triple Combo Display | |
| O Not Available | Standard Feature |
| Option: Factory Supplied | Option: Dealer |

Option: Factory Supplied

Supplied



THERMO KING

T-800R Delivering what matters

- Quiet operation
- Low fuel consumption
 Low life cycle costs
- Easy to use and service
- Reduced emissions and waste

Self Powered Truck - Single Temperature

| Dimensions | Unit | Con | denser |
|------------|------|---------|---------|
| Height | | 617 mm | 617 mm |
| Width | | 1887 mm | 1887 mm |
| Depth | | 919 mm | 919 mm |

Specifications

| Compressor | |
|--|---|
| Model | X214 |
| Displacement | 228 cm3 |
| Refrigerant Charge | |
| Charge | 3.6 kg |
| Refrigeration Capacity | |
| System net cooling capacity under A.T.P. conc ambient | litions at 30 °C |
| Capacity on engine power 0°C | 7800 W |
| Capacity on engine power -20°C | 4200 W |
| Capacity on electrical stand by 0°C | 6000 W |
| Capacity on electrical stand by -20°C | 3200 W |
| Generic (Boxlength, Refrigerant,) | |
| Boxlength | 6.5 - 7.5 m |
| Refrigerant | R-404A/R-452A |
| Airflow | 2700 m3/hr |
| Controller | Truck Smart Reefer 3 |
| Airflow | |
| on high speed engine operation | |
| Airflow volume @ 0 pa static pressure | 2700 m3/hr |
| Discharge velocity - airthrow | 5.2 m/sec |
| Weight | |
| including battery | |
| Model 30 | 444 (Whisper option +17) kg |
| Model 50 | 477 (Whisper option +17) |
| | kg |
| Engine | |
| Model | TK 370 |
| Rating | 11.2 kW |
| Maintenance Interval | 2000 hrs |
| no. of cylinders/displacement | TK 370 / 3 / 855 cm3 |
| Electrical Stand by Motor | |
| Voltage / Phase / Frequency | 400 / 3 / 50 230 / 3 / 50 230 / 3 / 60 |
| Rating | 4.5 kW |
| | |

| tures and Options | Feat |
|---|--|
| ife cost management | L. |
| | ThermoKare Service contracts |
| • | Cycle-Sentry start/stop control system |
| | EMI 2000 extended maintenance |
| | Fuel level sensor |
| | Thermo King high performance battery |
| n | Thermo King Energy battery |
| Ē | Premium AGM battery |
| | 2-year warranty coverage |
| | , , , , |
| re & communications | |
| | TouchPrint data capture |
| | TouchPrint Printer |
| | ServiceWatch maintenance logger |
| | DAS (Data Acquisition System) |
| | TracKing? (tracking and load monitoring) |
| | Wintrac (data analysis software) |
| | |
| Load Protection | TCD 2 standard in set disular |
| | TSR-3 standard in-cab display |
| | Heater Bar Kit Water Heater |
| | |
| | Auto phase correction |
| | SafeGuard battery protection kit Door switches |
| | Diesel/electric auto switching |
| | Diesel/ electric auto switching |
| Customization | |
| | TSR-3 premium in-cab display |
| | Whisper noise attenuating kit |
| | TSR-3 rear remote control |
| | Electronic Fuel Capture |
| | Hose management kit |
| | |
| | Solar Panel |
| | 3 |
| | Solar Panel |
| | Solar Panel Body mount enclosure |
| Standard Feature | Solar Panel Body mount enclosure 90L fuel tank |
| Standard Feature Option: Dealer Supplied | Solar Panel Body mount enclosure 90L fuel tank Triple Combo Display |



Self Powered Truck - Single Temperature

| Dimensions | Unit | Condenser |
|------------|---------|-----------------------------|
| Height | 688 mm | 688 (Whisper option 704) mm |
| Width | 1887 mm | 1887 mm |
| Depth | 919 mm | 919 mm |

THERMO KING 41 # 50m

Quiet operation

T-1000R

- Low fuel consumption
- $\boldsymbol{\cdot}$ Low life cycle costs
- Easy to use and service

Delivering what matters

 $\boldsymbol{\cdot}$ Reduced emissions and waste

Features and Options Life cost management ThermoKare Service contracts Cycle-Sentry start/stop control system EMI 2000 extended maintenance Fuel level sensor Thermo King high performance battery Thermo King Energy battery Premium AGM battery 2-year warranty coverage Data capture & communications TouchPrint data capture **TouchPrint Printer** ServiceWatch maintenance logger DAS (Data Acquisition System) TracKing? (tracking and load monitoring) Wintrac (data analysis software) oad Protection TSR-3 standard in-cab display Heater Bar Kit 0 Water Heater Auto phase correction SafeGuard battery protection kit Door switches Diesel/electric auto switching Customization TSR-3 premium in-cab display Whisper noise attenuating kit TSR-3 rear remote control Electronic Fuel Capture Hose management kit Solar Panel Body mount enclosure 90L fuel tank Triple Combo Display O Not Available Standard Feature Option: Dealer Option: Factory Supplied Supplied

Specifications

Rating

| Compressor | |
|--|--------------------------------|
| Model | X426 C5 |
| Refrigerant Charge | |
| Charge | 3.4 kg |
| Defining the Constitut | |
| Refrigeration Capacity System net cooling capacity under A.T.P. con | ditions at 20 °C |
| ambient | |
| Capacity on engine power 0°C | 9600 W |
| Capacity on engine power -20°C | 5300 W |
| Capacity on electrical stand by 0°C | 6700 W |
| Capacity on electrical stand by -20°C | 4100 W |
| Generic (Boxlength, Refrigerant,) | |
| Boxlength | 7.5 - 8.5 m |
| Refrigerant | R-404A/R-452A |
| Airflow | 3200 m3/hi |
| Controller | Truck Smart Reefer 3 |
| Airflow | |
| on high speed engine operation | |
| Airflow volume @ 0 pa static pressure | 3200 m3/hr |
| Discharge velocity - airthrow | 6.2 m/sec |
| Weight | |
| including battery | |
| Model 30 | 457 (Whisper option +17) kg |
| Model 50 | 514 (Whisper option +17) kg |
| | |
| Engine | |
| Model | TK 376 |
| Rating Maintenance Interval | 14.6 kW 2000 hrs |
| no. of cylinders/displacement | TK 376 / 3 / 1115 cm3 |
| no. or cymaers/ displacement | |
| Electrical Stand by Motor | |
| Voltage / Phase / Frequency | 400 / 3 / 50 230 / 3 / |
| , · · · · · · · · · · · · · · · · · · · | 50 230 / 3 / 60 |

7.5 kW



Delivering what matters

Self Powered Truck - Single Temperature

| Dimensions | Unit | Condenser |
|------------|---------|-----------------------------|
| Height | 688 mm | 688 (Whisper option 704) mm |
| Width | 1887 mm | 1887 mm |
| Depth | 919 mm | 919 mm |

T-1200R

- Quiet operation Low fuel consumption
- Low life cycle costs
- Easy to use and service
- · Reduced emissions and waste

Features and Options Life cost management TK Long Life AGM Battery ThermoKare Service contracts Cycle-Sentry start/stop control system EMI 2000 extended maintenance Fuel level sensor Thermo King high performance battery Thermo King Energy battery Premium AGM battery 2-year warranty coverage Data capture & communications TouchPrint data capture **TouchPrint Printer** ServiceWatch maintenance logger DAS (Data Acquisition System) TracKing? (tracking and load monitoring) Wintrac (data analysis software) Remote Watch 0 Load Protection TSR-3 standard in-cab display Heater Bar Kit Auto phase correction SafeGuard battery protection kit Password protected controller Door switches Diesel/electric auto switching <u>Customization</u> TSR-3 premium in-cab display Whisper noise attenuating kit TSR-3 rear remote control Body mount enclosure 90L fuel tank Triple Combo Display Standard Feature O Not Available Option: Dealer Option: Factory Supplied Supplied

Specifications

| Compressor | |
|--|--------------------------------|
| Model | X430 C5 |
| | |
| Refrigerant Charge | 2.01 |
| Charge | 3.8 kg |
| Refrigeration Capacity | |
| System net cooling capacity under A.T.P. conc ambient | litions at 30 °C |
| Capacity on engine power 0°C | 12500 W |
| Capacity on engine power -20°C | 6800 W |
| Capacity on electrical stand by 0°C | 9250 W |
| Capacity on electrical stand by -20°C | 5200 W |
| Generic (Boxlength, Refrigerant,) | |
| Boxlength | 8.5+ m |
| Refrigerant | R-404A/R-452A |
| Airflow | 3300 m3/hr |
| Controller | Truck Smart Reefer 3 |
| Airflow | |
| on high speed engine operation | |
| Airflow volume @ 0 pa static pressure | 3300 m3/hr |
| Discharge velocity - airthrow | 6.4 m/sec |
| Weight | |
| including battery | |
| Model 30 | 460 (Whisper option +17) kg |
| | 517 (Whisper option +17) |
| Model 50 | kg |
| Engine | |
| Model | TK 376 |
| Rating | 14.6 kW |
| Maintenance Interval | 2000 hrs |
| no. of cylinders/displacement | TK 376 / 3 / 1115 cm3 |
| Electrical Stand by Motor | |
| Voltage / Phase / Frequency | 400 /3 /50 230 / 3 / 50 |
| | 230 / 3 / 60 |
| Rating | 7.5 kW |





T-800R SPECTRUM

T-Series Spectrum: Solutions for multi-temp distribution

With a tireless focus on reducing noise and emissions while maximizing performance, the new range of T-Series Spectrum units are designed to meet the grueling demands of Multi temperature distribution.

We also understand that all distribution operations are not the same. That is why all T-Series Spectrum units are available with a choice of two or three blower remote vaporators that can be used in a number of configurations. With the ability to support up to three zones in both compartment and lane applications, we have a solution to match your unique needs. Your Thermo King representative can assist you in selecting the right unit for your operations.

Specifications

Rating

| Compressor | |
|--|---|
| Model | X214 |
| Refrigerant Charge | |
| Charge | R-404A = 4.0; R-452A = |
| 5 | 6.0 kg |
| Refrigeration Capacity | |
| System net cooling capacity under A.T.P. cono ambient | litions at 30 °C |
| Capacity on engine power 0°C | 8000 W |
| Capacity on engine power -20°C | 3850 W |
| Capacity on electrical stand by 0°C | 6200 W |
| Capacity on electrical stand by -20°C | 2800 W |
| Generic (Boxlength, Refrigerant,) | |
| Boxlength | 6.5 - 7.5 m |
| Refrigerant | R-404A/R-452A |
| Airflow | S-2 = 1320, S-3 = 1980 |
| | m3/hi |
| Controller | Truck Smart Reefer 3 |
| Airflow | |
| on high speed engine operation | S 2 - 1220 S 2 - 1000 |
| Airflow volume @ 0 pa static pressure | S-2 = 1320, S-3 = 1980 m3/hi |
| Discharge velocity - airthrow | 9.5 m/sec |
| | |
| Weight including battery | |
| Model 30 | 357 kg |
| Model 50 | 389 kg |
| | 505 Kg |
| Engine | |
| Model | TK 370 |
| Rating Maintenance Interval | 11.2 kW 2000 hrs |
| no. of cylinders/displacement | TK 370 / 3 / 855 cm3 |
| | |
| Electrical Stand by Motor | 400 / 2 / E0 220 / 2 |
| Voltage / Phase / Frequency | 400 / 3 / 50 230 / 3 / 50 230 / 3 / 60 |
| Dating | JU 25075700 |

4.5 kW

Self Powered Truck - Multi Temperature

| Dimensions | Unit | | Condenser | |
|------------|------|---------|-----------|---------|
| Height | | 617 mm | | 617 mm |
| Width | | 1887 mm | | 1887 mm |
| Depth | | 919 mm | | 919 mm |

| L | ife cost management |
|--|----------------------------|
| ThermoKare Service contracts | |
| Cycle-Sentry start/stop control system | |
| EMI 2000 extended maintenance | |
| Fuel level sensor | |
| Thermo King high performance battery | |
| Thermo King Energy battery | |
| Premium AGM battery | |
| 2-year warranty coverage | |
| | |
| | re & communications |
| TouchPrint data capture | |
| TouchPrint Printer | |
| ServiceWatch maintenance logger | <u>u</u> |
| DAS (Data Acquisition System) | |
| TracKing? (tracking and load monitoring) | |
| Wintrac (data analysis software) | |
| | Load Protection |
| TSR-3 standard in-cab display | |
| Heater Bar Kit | |
| Auto phase correction | |
| SafeGuard battery protection kit | |
| Door switches | |
| Diesel/electric auto switching | |
| Diesely electric dato switching | • |
| | Customization |
| Whisper kit acoustic | |
| TSR-3 premium in-cab display | |
| TSR-3 rear remote control | |
| Electronic Fuel Capture | |
| Hose management kit | |
| Solar Panel | |
| Evaporator guard | |
| Body mount enclosure | |
| 90L fuel tank | |
| Drain Kit for Transverse Remote Evap | |
| Triple Combo Display | |
| O Not Available | Standard Feature |
| Option: Factory Supplied | Option: Dealer Supplied |
| | |





T-1000R SPECTRUM

T-Series Spectrum: Solutions for Multi temp distribution

With a tireless focus on reducing noise and emissions while maximizing performance, the new range of T-Series Spectrum units are designed to meet the grueling demands of Multi temperature distribution.

We also understand that all distribution operations are not the same. That is why all T-Series Spectrum units are available with a choice of two or three blower remote evaporators that can be used in a number of configurations. With the ability to support up to three zones in both compartment and lane applications, we have a solution to match your unique needs. Your Thermo King representative can assist you in selecting the right unit for your operations.

Specifications

Rating

| Compressor | |
|---|-------------------------|
| Model | X426 C5 |
| Refrigerant Charge | |
| Charge | R-404A = 5.86; R-452A = |
| | 6.1 kg |
| Refrigeration Capacity | |
| System net cooling capacity under A.T.P. con ambient | ditions at 30 °C |
| Capacity on engine power 0°C | 10000 W |
| Capacity on engine power -20°C | 5800 W |
| Capacity on electrical stand by 0°C | 6300 W |
| Capacity on electrical stand by -20°C | 4000 W |
| Generic (Boxlength, Refrigerant,) | |
| Boxlength | 7.5 - 8.5 m |
| Refrigerant | R-404A/R-452A |
| Airflow | S-2 = 1320, S-3 = 1980 |
| AIIIIOW | m3/hr |
| Controller | Truck Smart Reefer 3 |
| Airflow | |
| on high speed engine operation | |
| Airflow volume @ 0 pa static pressure | S-2 = 1320, S-3 = 1980 |
| | m3/hr |
| Discharge velocity - airthrow | 9.5 m/sec |
| Weight | |
| including battery | |
| Model 30 | 373 kg |
| Model 50 | 430 kg |
| Engine | |
| Model | TK 376 |
| Rating | 14.6 kW |
| Maintenance Interval | 2000 hrs |
| no. of cylinders/displacement | TK 376 / 3 / 1115 cm3 |
| Electrical Stand by Motor | |
| Voltage / Phase / Frequency | 400 / 3 / 50 230 / 3 / |
| voltage / Thase / Trequency | 50 230 / 3 / 60 |

, 7.5 kW

Self Powered Truck - Multi Temperature

| Dimensions | Unit | Condenser |
|------------|---------|-----------------------------|
| Height | 688 mm | 688 (Whisper option 704) mm |
| Width | 1887 mm | 1887 mm |
| Depth | 919 mm | 919 mm |

| | ife cost management |
|--|---------------------|
| ThermoKare Service contracts | |
| Cycle-Sentry start/stop control system | |
| EMI 2000 extended maintenance | |
| Fuel level sensor | |
| Thermo King high performance battery | |
| Thermo King Energy battery | |
| Premium AGM battery | |
| 2-year warranty coverage | |
| | |
| | re & communications |
| TouchPrint data capture | |
| TouchPrint Printer | |
| ServiceWatch maintenance logger | <u> </u> |
| DAS (Data Acquisition System) | L |
| TracKing? (tracking and load monitoring) | |
| Wintrac (data analysis software) | |
| | Load Protection |
| TSR-3 standard in-cab display | |
| Heater Bar Kit | |
| Auto phase correction | |
| • | |
| SafeGuard battery protection kit | |
| Door switches | |
| Diesel/electric auto switching | • |
| | Customization |
| Whisper kit acoustic | |
| TSR-3 premium in-cab display | Ē |
| TSR-3 rear remote control | |
| Electronic Fuel Capture | |
| Hose management kit | |
| Solar Panel | |
| Evaporator guard | |
| Body mount enclosure | |
| 90L fuel tank | |
| Drain Kit for Transverse Remote Evap | |
| Triple Combo Display | |
| пре сопьо Бъргау | |
| ○ Not Available | Standard Feature |
| | Option: Dealer |
| Option: Factory Supplied | Supplied |
| | 11 |





T-1200R SPECTRUM

T-Series Spectrum: Solutions for multi-temp distribution

With a tireless focus on reducing noise and emissions while maximizing performance, the new range of T-Series Spectrum units are designed to meet the grueling demands of Multi temperature distribution.

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Specifications

Rating

| Compressor | |
|--|------------------------|
| Model | X430 C5 |
| Refrigerant Charge | |
| Charge | R-404A = 6.2; R-452A = |
| enarge | 6.25 kg |
| Refrigeration Capacity | |
| System net cooling capacity under A.T.P. cone ambient | litions at 30 °C |
| Capacity on engine power 0°C | 11800 W |
| Capacity on engine power -20°C | 7200 W |
| Capacity on electrical stand by 0°C | 7500 W |
| Capacity on electrical stand by -20°C | 5000 W |
| Generic (Boxlength, Refrigerant,) | |
| Boxlength | 8.5+ m |
| Refrigerant | R-404A/R-452A |
| Airflow | S-2 = 1320, S-3 = 1980 |
| AIIIIOW | m3/hr |
| Controller | Truck Smart Reefer 3 |
| Airflow | |
| on high speed engine operation | |
| Airflow volume @ 0 pa static pressure | S-2 = 1320, S-3 = 1980 |
| | m3/hr |
| Discharge velocity - airthrow | 9.5 m/sec |
| Weight | |
| including battery | |
| Model 30 | 377 kg |
| Model 50 | 436 kg |
| Engine | |
| Model | TK 376 |
| Rating | 14.6 kW |
| Maintenance Interval | 2000 hrs |
| no. of cylinders/displacement | TK 376 / 3 / 1115 cm3 |
| Electrical Stand by Motor | |
| Voltage / Phase / Frequency | 400 / 3 / 50 230 / 3 / |
| voltage / Thase / Trequency | 50 230 / 3 / 60 |

, 7.5 kW

| Dimensions | Unit | Condenser |
|------------|---------|-----------------------------|
| Height | 688 mm | 688 (Whisper option 704) mm |
| Width | 1887 mm | 1887 mm |
| Depth | 919 mm | 919 mm |

| | ife cost management |
|--|---------------------|
| ThermoKare Service contracts | |
| Cycle-Sentry start/stop control system | |
| EMI 2000 extended maintenance | |
| Fuel level sensor | |
| Thermo King high performance battery | |
| Thermo King Energy battery | |
| Premium AGM battery | |
| 2-year warranty coverage | |
| | |
| | re & communications |
| TouchPrint data capture | |
| TouchPrint Printer | |
| ServiceWatch maintenance logger | <u> </u> |
| DAS (Data Acquisition System) | L |
| TracKing? (tracking and load monitoring) | |
| Wintrac (data analysis software) | |
| | Load Protection |
| TSR-3 standard in-cab display | |
| Heater Bar Kit | |
| Auto phase correction | |
| • | |
| SafeGuard battery protection kit | |
| Door switches | |
| Diesel/electric auto switching | • |
| | Customization |
| Whisper kit acoustic | |
| TSR-3 premium in-cab display | Ē |
| TSR-3 rear remote control | |
| Electronic Fuel Capture | |
| Hose management kit | |
| Solar Panel | |
| Evaporator guard | |
| Body mount enclosure | |
| 90L fuel tank | |
| Drain Kit for Transverse Remote Evap | |
| Triple Combo Display | |
| пре сопьо Бъргау | |
| ○ Not Available | Standard Feature |
| | Option: Dealer |
| Option: Factory Supplied | Supplied |
| | 11 |



RT-800R

Self Powered Truck - Intermodal

| Dimensions | Unit | Condenser |
|------------|---------|-----------|
| Height | 630 mm | 630 mm |
| Width | 1880 mm | 1880 mm |
| Depth | 735 mm | 735 mm |

Specifications

| Compressor | |
|--|---|
| Model | X214 |
| Refrigeration Capacity | |
| System net cooling capacity under A.T.P. conditi ambient | ons at 30 °C |
| Capacity on engine power 0°C | 7800 W |
| Capacity on engine power -20°C | 4200 W |
| Generic (Boxlength, Refrigerant,) | |
| Boxlength | 6.5 - 7.5 m |
| Refrigerant | R-404A/R-452A |
| Airflow | 2700 m3/hr |
| Controller | Truck Smart Reefer 3 |
| Airflow | |
| on high speed engine operation | |
| Airflow volume @ 0 pa static pressure | 2700 m3/hr |
| Discharge velocity - airthrow | 5.2 m/sec |
| Weight | |
| including battery | |
| Model 30 | 451 kg |
| Model 50 | 484 kg |
| Engine | |
| Model | TK 370 |
| Maintenance Interval | 2000 hrs |
| no. of cylinders/displacement | TK 370 / 3 / 855 cm3 |
| Electrical Stand by Motor | |
| Voltage / Phase / Frequency | 400 / 3 / 50 230 / 3 / 50 - - 230 / 3 / 60 |
| Rating | 5.4 kW |
| 5 | |

| Features and Options | | |
|--------------------------|----------------------------|--|
| O Not Available | Standard Feature | |
| Option: Factory Supplied | Option: Dealer Supplied | |
| | | |





Specifications

T-1200R Intermodal

Self Powered Truck - Intermodal

| Dimensions | Unit | Condenser |
|------------|---------|-----------------------------|
| Height | 688 mm | 688 (Whisper option 704) mm |
| Width | 1887 mm | 1887 mm |
| Depth | 919 mm | 919 mm |

| 1 | |
|---|---|
| Compressor | |
| Model | X430 C5 |
| Defineration Constitu | |
| Refrigeration Capacity | there at 20 %C |
| System net cooling capacity under A.T.P. condi ambient | tions at 30 °C |
| Capacity on engine power 0°C | 12500 W |
| Capacity on engine power -20°C | 6800 W |
| | |
| Generic (Boxlength, Refrigerant,) | |
| Boxlength | 13.6 m |
| Refrigerant | R-404A/R-452A |
| Airflow | 3300 m3/hr |
| Controller | Truck Smart Reefer 3 |
| Airflow | |
| on high speed engine operation | |
| Airflow volume @ 0 pa static pressure | 3300 m3/hr |
| Discharge velocity - airthrow | 6.4 m/sec |
| Weight | |
| including battery | |
| Model 50 | 517 kg |
| Funda | |
| Engine Model | ТК 376 |
| Maintenance Interval | 2000 hrs |
| no. of cylinders/displacement | TK 376 / 3 / 1115 cm3 |
| | |
| Electrical Stand by Motor | |
| Voltage / Phase / Frequency | 400 / 3 / 50 230 / 3 / 50 - - 230 / 3 / 60 |
| Rating | 7.5 kW |
| - | |

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



Self Powered Truck - Undermount Single Temperature

| Dimensions | Unit | Condenser |
|------------|------|-----------|
| Height | | 628 mr |
| Width | | 1797 mr |
| Depth | | 713 mr |

Specifications

UT-800 / ES-800 The new benchmark in Undermount Refrigeration

- Whisper-quiet operation
- \cdot Low fuel consumption
- Smaller and lighter
- Easy, low-cost installation
- Easier service accessibility
 Advanced TSR-3 controller

| Compressor | |
|---------------------------------------|---------------------------|
| Model | TK 06 Scroll |
| Displacement | 98 cm3 |
| Refrigerant Charge | |
| Charge | 4 kg |
| Refrigeration Capacity | |
| including battery | |
| Capacity on engine power 0°C | 9300 W |
| Capacity on engine power -20°C | 5300 W |
| Capacity on electrical stand by 0°C | 7500 W |
| Capacity on electrical stand by -20°C | 4500 W |
| Generic (Boxlength, Refrigerant,) | |
| Boxlength | 6.5 - 7.5 m |
| Refrigerant | R-452A |
| Controller | Truck Smart Reefer 3 |
| Airflow | |
| including battery | |
| Airflow volume @ 0 pa static pressure | 2640 m3/hr |
| Discharge velocity - airthrow | 6.5 m/sec |
| Weight | |
| including evaporator | |
| Model 50 | 493 kg |
| Engine | |
| Model | TK 376 |
| Rating | 14.6 kW |
| Maintenance Interval | 2000 hrs |
| no. of cylinders/displacement | TK 376U / 3 / 1115 cm3 |
| Electrical Stand by Motor | |
| Voltage / Phase / Frequency | 400 / 3 / 50 230 / 3 / |
| Rating | 50 230 / 3 / 60 7.5 kW |
| Natiliy | 7.3 KVV |

| | life cost management |
|--|---|
| ServiceWatch maintenance logger | |
| ThermoKare Service contracts | |
| Cycle-Sentry start/stop control system | |
| EMI 2000 extended maintenance | |
| Fuel level sensor | |
| Thermo King high performance battery | |
| Thermo King Energy battery | |
| Premium AGM battery | |
| 2-year warranty coverage | |
| | |
| | ire & communications |
| TouchPrint data capture | |
| TouchPrint Printer | |
| DAS (Data Acquisition System) | U |
| TracKing? (tracking and load monitoring) | |
| Wintrac (data analysis software) | |
| | Lond Dectortion |
| TCD 2 standard in each diamlass | Load Protection |
| TSR-3 standard in-cab display Auto phase correction | |
| SafeGuard battery protection kit | |
| Door switches | |
| Diesel/electric auto switching | |
| Diesel/electric auto switching | |
| | Customization |
| TSR-3 premium in-cab display | |
| TSR-3 rear remote control | |
| Flexible hoses | |
| | _ |
| Electronic Fuel Capture | |
| Electronic Fuel Capture Remote Status Light and Combination Display | |
| Remote Status Light and Combination Display | |
| Remote Status Light and Combination Display Evaporator guard | |
| Remote Status Light and Combination Display | |
| Remote Status Light and Combination Display Evaporator guard Body mount enclosure | |
| Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank | Standard Feature |
| Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Triple Combo Display | Standard Feature Option: Dealer Supplied |



UT SPECTRUM

Specifications

| Model | TK 06 Scroll |
|---|---|
| Refrigeration Capacity | |
| System net cooling capacity under A.T.P. ambient | conditions at 30 °C |
| Capacity on engine power 0°C | S-3 + S-3 = 10550 / S-3 + S-3 + S-2 = 10400 W |
| Capacity on engine power -20°C | S-3 + S-3 = 5750 / S-3 + S-3 + S-2 = 6050 W |
| Generic (Boxlength, Refrigerant,) | |
| Boxlength Refrigerant | 7.5 - 9+ m R-452A |
| Airflow | S-3 + S-3 = 1320 / S-3 + S-3 + S-2 = 1980 m3/hr |
| Controller | Truck Smart Reefer 3 |
| Velocity | 9.5 |
| Weight | |
| including battery | |
| Condenser | S-3 + S-3 = 597 / S-3 + S-3 + S-2 = 633 kg |
| | 5-5 + 5-2 - 055 Kg |
| Engine | |
| Model | TK 376 |
| Rating | 14.6 kW |
| Maintenance Interval | 2000 hrs |
| no. of cylinders/displacement | TK 376U / 3 / 1115 cm3 |
| Electrical Stand by Motor | |
| Voltage / Phase / Frequency | 200 / 3 / 60 230 / 3 / 50 230 / 3 / 60 400 / 3 / 50 |

Self Powered Truck - Undermount Multi Temperature

| Dimensions | Unit | Condenser |
|------------|---------|-----------|
| Height | 628 mm | 628 mm |
| Width | 1797 mm | 1797 mm |
| Depth | 713 mm | 713 mm |

| L | ife cost management |
|---|---------------------|
| ThermoKare Service contracts | |
| Cycle-Sentry start/stop control system | • |
| Fuel level sensor | |
| Thermo King high performance battery | • |
| Thermo King Energy battery | |
| Premium AGM battery | |
| 2-year warranty coverage | |
| _ | |
| | re & communications |
| TouchPrint data capture | |
| TouchPrint Printer | |
| ServiceWatch maintenance logger | |
| DAS (Data Acquisition System) | |
| TracKing? (tracking and load monitoring) | |
| Wintrac (data analysis software) | |
| | |
| | Load Protection |
| TSR-3 standard in-cab display | |
| Auto phase correction | • |
| Door switches | |
| Diesel/electric auto switching | |
| | • |
| | |
| | Customization |
| TSR-3 premium in-cab display | Customization |
| TSR-3 rear remote control | Customization |
| TSR-3 rear remote control Flexible hoses | Customization |
| TSR-3 rear remote control Flexible hoses Electronic Fuel Capture | |
| TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display | |
| TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard | |
| TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure | |
| TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank | |
| TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Safeguard - dealer fitted | Customization |
| TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank | |
| TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Safeguard - dealer fitted | Standard Feature |
| TSR-3 rear remote control Flexible hoses Electronic Fuel Capture Remote Status Light and Combination Display Evaporator guard Body mount enclosure 90L fuel tank Safeguard - dealer fitted Triple Combo Display | |



Self Powered Truck - Undermount Single Temperature

| Dimensions | Unit | | Condenser |
|------------|------|---------|-----------|
| Height | | 628 mm | 628 mm |
| Width | | 1797 mm | 1797 mm |
| Depth | | 713 mm | 713 mm |

UT-1200 E-EVAP

The new benchmark in Undermount Refrigeration

- Whisper-quiet operation
- $\boldsymbol{\cdot}$ Low fuel consumption
- Smaller and lighter
- Easy, low-cost installation
 Easier service accessibility
- Advanced TSR-3 controller

| | L | ife cost management. |
|----------------|---|----------------------|
| TK 06 Scroll | ThermoKare Service contracts | |
| 98 cm3 | Cycle-Sentry start/stop control system | |
| | EMI 2000 extended maintenance | |
| | Fuel level sensor | |
| 4.6 kg | Thermo King high performance battery | |
| | Thermo King Energy battery | |
| | Premium AGM battery | |
| | 2-year warranty coverage | |
| 11400 W | | |
| 6600 W | | re & communications |
| 8300 W | TouchPrint data capture | |
| 5200 W | TouchPrint Printer | |
| | ServiceWatch maintenance logger | |
| | DAS (Data Acquisition System) | |
| 7.5 - 9+ m | TracKing? (tracking and load monitoring) | |
| R-452A | Wintrac (data analysis software) | |
| 3350 m3/hr | | |
| Smart Reefer 3 | | Load Protection |
| | TSR-3 standard in-cab display | |
| | Auto phase correction | |
| | SafeGuard battery protection kit | |
| 3350 m3/hr | Door switches | L |
| 6.6 m/sec | Diesel/electric auto switching | |
| | | Customization |
| | TSR-3 premium in-cab display | |
| 495 kg | TSR-3 rear remote control | |
| | Flexible hoses | |
| | Electronic Fuel Capture | |
| TK 376 | Remote Status Light and Combination Display | |
| 14.6 kW | Evaporator guard | |
| 2000 hrs | Body mount enclosure | |
| / 3 / 1115 cm3 | 90L fuel tank | |
| | Triple Combo Display | |
| 50 230 / 3 / | O Not Available | Standard Feature |
| 60 | | Option: Dealer |
| 7.5 kW | Option: Factory Supplied | Supplied |
| | | |

Specifications

Rating

| Compressor | |
|---------------------------------------|------------------------|
| Model | TK 06 Scroll |
| Displacement | 98 cm3 |
| | |
| Refrigerant Charge | |
| Charge | 4.6 kg |
| Refrigeration Capacity | |
| including battery | |
| Capacity on engine power 0°C | 11400 W |
| Capacity on engine power -20°C | 6600 W |
| Capacity on electrical stand by 0°C | 8300 W |
| Capacity on electrical stand by 0°C | 5200 W |
| Capacity on electrical stand by -20°C | 5200 W |
| Generic (Boxlength, Refrigerant,) | |
| Boxlength | 7.5 - 9+ m |
| Refrigerant | R-452A |
| Airflow | 3350 m3/hr |
| Controller | Truck Smart Reefer 3 |
| | |
| Airflow | |
| including battery | |
| Airflow volume @ 0 pa static pressure | 3350 m3/hr |
| Discharge velocity - airthrow | 6.6 m/sec |
| | |
| Weight | |
| including evaporator | |
| Model 50 | 495 kg |
| Engine | |
| Model | TK 376 |
| Rating | 14.6 kW |
| Maintenance Interval | 2000 hrs |
| no. of cylinders/displacement | TK 376U / 3 / 1115 cm3 |
| | |
| Electrical Stand by Motor | |
| Voltage / Phase / Frequency | 400 / 3 / 50 230 / 3 / |
| totage, thase, trequency | 60 |

| Features | and | Ontione |
|-----------|-----|---------|
| I Catules | anu | Options |



Self Powered Truck - Undermount Single Temperature

| Dimensions | Unit | | Condenser |
|------------|------|---------|-----------|
| Height | | 628 mm | 628 mm |
| Width | | 1797 mm | 1797 mm |
| Depth | | 713 mm | 713 mm |

UT-1200 S-3 + S-3 The new benchmark in Undermount Refrigeration

- Whisper-quiet operation
- Low fuel consumption
- Smaller and lighter
- Easy, low-cost installation
 Easier service accessibility
- Advanced TSR-3 controller

| | L | ife cost management |
|----------------------|---|---------------------|
| TK 06 Scroll | ThermoKare Service contracts | |
| 98 cm3 | Cycle-Sentry start/stop control system | |
| | EMI 2000 extended maintenance | |
| | Fuel level sensor | |
| 4.5 kg | Thermo King high performance battery | |
| | Thermo King Energy battery | |
| | Premium AGM battery | |
| | 2-year warranty coverage | |
| 11200 W | | |
| 6600 W | Data captu | re & communications |
| 8000 W | TouchPrint data capture | |
| 5100 W | TouchPrint Printer | |
| | ServiceWatch maintenance logger | |
| | DAS (Data Acquisition System) | |
| 7.5 - 9+ m | TracKing? (tracking and load monitoring) | |
| R-452A | Wintrac (data analysis software) | |
| 4000 m3/hr | | |
| Truck Smart Reefer 3 | | Load Protection |
| | TSR-3 standard in-cab display | |
| | Auto phase correction | |
| | SafeGuard battery protection kit | |
| 4000 m3/hr | Door switches | |
| 9.5 m/sec | Diesel/electric auto switching | |
| | | Customization |
| | TSR-3 premium in-cab display | |
| 495 kg | TSR-3 rear remote control | П |
| 495 Kg | Flexible hoses | |
| | Electronic Fuel Capture | |
| TK 376 | Remote Status Light and Combination Display | |
| 14.6 kW | Evaporator guard | |
| 2000 hrs | Body mount enclosure | |
| 376U / 3 / 1115 cm3 | 90L fuel tank | |
| | Triple Combo Display | |
| | | _ |
| / 3 / 50 230 / 3 / | 🔾 Not Available | Standard Feature |
| 60 | Option: Factory Supplied | Option: Dealer |
| 7.5 kW | | Supplied |
| | | |

Specifications

Rating

| Compressor | |
|---------------------------------------|------------------------|
| Model | TK 06 Scroll |
| Displacement | 98 cm3 |
| Refrigerant Charge | |
| Charge | 4.5 kg |
| Refrigeration Capacity | |
| including evaporator | |
| Capacity on engine power 0°C | 11200 W |
| Capacity on engine power -20°C | 6600 W |
| Capacity on electrical stand by 0°C | 8000 W |
| Capacity on electrical stand by -20°C | 5100 W |
| Generic (Boxlength, Refrigerant,) | |
| Boxlength | 7.5 - 9+ m |
| Refrigerant | R-452A |
| Airflow | 4000 m3/hr |
| Controller | Truck Smart Reefer 3 |
| Airflow | |
| including evaporator | |
| Airflow volume @ 0 pa static pressure | 4000 m3/hr |
| Discharge velocity - airthrow | 9.5 m/sec |
| Weight | |
| including evaporator | |
| Model 50 | 495 kg |
| Engine | |
| Model | TK 376 |
| Rating | 14.6 kW |
| Maintenance Interval | 2000 hrs |
| no. of cylinders/displacement | TK 376U / 3 / 1115 cm3 |
| Electrical Stand by Motor | |
| Voltage / Phase / Frequency | 400 / 3 / 50 230 / 3 / |
| voltage / i hase / i requercy | 60 |