



TRUCK & TRAILER

PRODUCT GUIDE 2017





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TRUCK AND TRAILER



Product Guide

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Symbol legend

			EN	DE
			Refrigeration capacity	Kälteleistung
			Heating capacity	Heizkapazität
			Box length	Kammerlänge
			Box volume	Kammervolumen
			Air flow	Luftstrom
			Controller	Regler
			Temperature	Temperatur
			Refrigerant	Kältemittel
			Compressor	Verdichter
			Engine	Motor
			Weight	Gewicht
			Electric motor rating	Elektromotorleistung
			Without electric motor	Ohne Elektromotor
			Powered by vehicle's battery	Angetrieben durch die Fahrzeugbatterie

FR	ES	IT	RU
Capacité de réfrigération	Potencia refrigerante	Capacità di refrigerazione	Холодопроизводительность
Capacité de chauffage	Potencia calorífica	Capacità di riscaldamento	Мощность нагрева
Longueur de la caisse	Largo de la caja	Lunghezza cella	Длина камеры
Volume de la caisse	Volumen de la caja	Volume cella	Объём камеры
Débit d'air	Caudal de aire	Flusso dell'aria	Расход воздуха
Contrôleur	Controlador	Sistema di controllo	Контроллер
Température	Temperatura	Temperatura	Температура
Fluide frigorigène	Refrigerante	Refrigerante	Хладагент
Compresseur	Compresor	Compressore	Компрессор
Moteur	Motor	Motore	Двигатель
Poids	Peso	Peso	Вес
Puissance nominale du moteur électrique	Potencia del motor eléctrico	Classe motore elettrico	Номинал электродвигателя
Sans moteur électrique	Sin el motor eléctrico	Senza motore elettrico	Без электродвигателя
Alimenté par la batterie du véhicule	Accionado por batería de vehículo	Alimentato mediante la batteria del veicolo	С приводом от аккумуляторной батареи транспортного средства



DIRECT DRIVE TRUCK

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V-200	14
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V-500	18
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V-100

Direct Drive Truck - Single temperature



V-100 with and without electric stand-by



ES100 Ultra Slim Evaporator



Swash Plate Compressor QP08

→ |mm| ←

	5 m ³ - 16 m ³	
	R-404A/ R-452A	R-134a
Engine		
30° C	 	1090 W 2080 W
		680 W 1665 W
Electric		
30° C	 	695 W 1260 W
		390 W 975 W
	Engine 1900 W Electric 1100 W	
	745 m ³ /h	
	DSR III	
	N° Cylinder/cm ³	6/82
	1.6 kW	
	25 kg (Condenser) 43 kg (Condenser) ES100 9 kg	



V-200s

Direct Drive Truck - Single temperature



V-200s with and without electric stand-by



ES150 Ultra Slim Evaporator



Swash Plate Compressor QP08

→ |mm| ←

	10 m ³ - 19 m ³
	R-404A/R-452A
Engine	
30° C	1180 W
	2410 W
Electric	
30° C	650 W
	1500 W
	Engine 2200 W
	Electric 1300 W
	1000 m ³ /h
	DSR III
	6/82
	1.6 kW
	25 kg (Condenser)
	43 kg (Condenser)
	ES150 14 kg



V-200

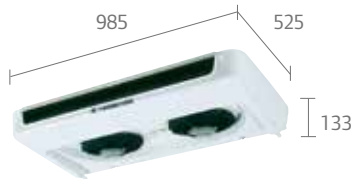
Direct Drive Truck - Single temperature



Model 50 (stand-by)



Model 30 (non stand-by)



ES200 Ultra Slim Evaporator



Swash Plate Compressor QP13

→ |mm| ←

	9 m ³ - 22 m ³	
	R-404A/ R-452A	R-134a
Engine		
30° C		1460 W
		2770 W
945 W		2255 W
Electric		
30° C		1130 W
		1970 W
685 W		1850 W
	Engine 2800 W	
	Electric 2050 W	
	1100 m ³ /h	
	DSR III	
	N° Cylinder/cm ³	6/131
	3.7 kW (400 V/3 ph/50 Hz)	
Voltage/phase/frequency	230 V/1 ph/50 Hz	
	400 V/3 ph/50 Hz	
	230 V/3 ph/50 Hz	
	230 V/1 ph/60 Hz	
	230 V/3 ph/60 Hz	
		25 kg (Condenser)
		75 kg (Condenser)
		ES200 15 kg

V-300

Direct Drive Truck - Single temperature



Model 50 (stand-by)



Model 30 (non stand-by)



ES300 Ultra Slim Evaporator



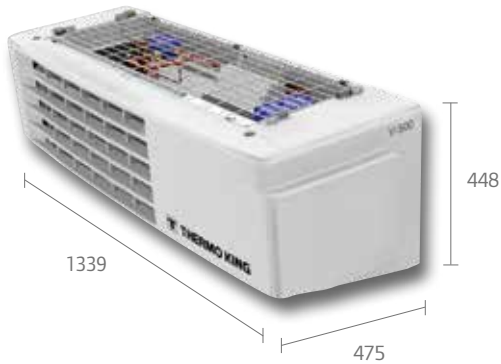
Swash Plate Compressor QP15

	10 m ³ - 28 m ³	
	R-404A/ R-452A	R-134a
Engine		
30° C		1840 W 3330 W
		1260 W 2965 W
Electric		
30° C		1235 W 2840 W
		865 W 2090 W
	Engine 3100 W Electric 2250 W	
	1400 m ³ /h	
	DSR III	
	N° Cylinder/cm ³	6/146.7
	3.7 kW (400 V/3 ph/50 Hz)	
Voltage/phase/frequency	230 V/1 ph/50 HZ 400 V/3 ph/50 HZ 230 V/3 ph/50 HZ 230 V/1 ph/60 HZ 230 V/3 ph/60 HZ	
	25 kg (Condenser) 75 kg (Condenser) ES300 18 kg	



V-500

Direct Drive Truck - Single temperature



Swash plate Compressor Q16



ES500 Ultra Slim Evaporator

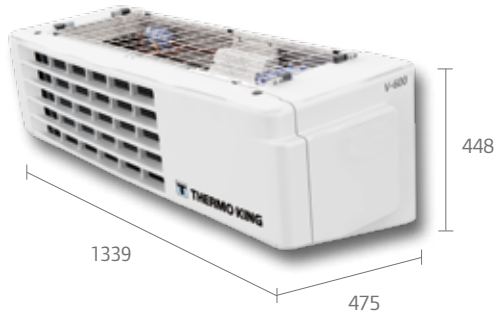
→ |mm| ←

	13 m ³ - 42 m ³	
	R-404A/ R-452A	R-134a
Engine		
30° C	-20° C 0° C	2630 W 4890 W
		1655 W 3915 W
Electric		
30° C	-20° C 0° C	1830 W 4215 W
		1090 W 3160 W
	Engine 3600 W Electric 3120 W	
		2200 m ³ /h
	DSR III	
	N° Cylinder/cm ³	6/163
	6.4 kW (400 V/3 ph/50 Hz)	
Voltage/phase/frequency	400 V/3 ph/50 Hz 380 V/3 ph/60 Hz 230 V/3 ph/50 Hz 230 V/3 ph/60 Hz 230 V/1 ph/50 H z 230 V/1 ph/60 Hz	
	53 kg (Condenser) 125 kg (Condenser) ES500 25.5 kg	



V-600

Direct Drive Truck - Single temperature



ES600 MAX Evaporator



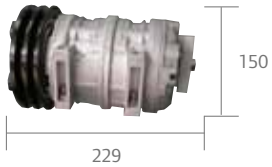
Swash Plate Compressor QP16

	30 m ³ - 48 m ³	
	R-404A/R-452A	
30° C		Engine
		Electric
	3280 W	2550 W
	5910 W	4970 W
	Engine	Electric
	4000 W	3200 W
	2580 m ³ /h	
	DSR III	
	N° Cylinder/cm ³	6/163
	6.4 kW (400 V/3 ph/50 Hz)	
Voltage/phase/frequency	400 V/3 ph/50 Hz	
	380 V/3 ph/60 Hz	
	230 V/3 ph/50 Hz	
	230 V/3 ph/60 Hz	
	230 V/1 ph/50 Hz	
	230 V/1 ph/60 Hz	
		53 kg (Condenser)
		125 kg (Condenser)
	ES600 MAX 28 kg	

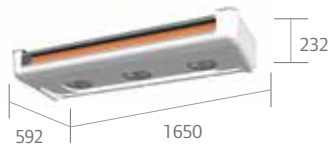


V-800

Direct Drive Truck - Single temperature



Swash Plate Compressor QP21



ES800 MAX Ultra Slim Evaporator

→ |mm| ←

	42 m ³ - 54 m ³	
	R-404A/ R-452A	R-134a
Engine		
30° C	4160 W 7790 W	5175 W
Electric		
30° C	3795 W 7030 W	4920 W
	2680 m ³ /h	
	Engine 7030 W Electric 6450 W	
	DSR III	
	N° Cylinder/cm ³ QP21 / 10 / 215	
	8.2 kW (400 V/3 ph/50 Hz)	
Voltage/phase/frequency	400 V/3 ph/50 Hz 230 V/3 ph/50 Hz 400 V/3 ph/60 Hz 230 V/3 ph/60 Hz	
	100 kg (Condenser) 160 kg (Condenser) ES800 35 kg	



V-200 MAX SPECTRUM

Direct Drive Truck - Multi-temperature



Model 50 (stand-by)



Swash Plate Compressor QP13

Model 30 (non stand-by)



ES100 MAX Ultra Slim Evaporator

→ | mm | ←

	12 m ³	
	R-404A/R-452A	
ES100+ES100	Engine	Electric
30° C	1750 W	1170 W
	Engine	Electric
	2800 W	2050 W
	660 m ³ /hx2	
	DSR III	
N° Cylinder/cm ³	6/131	
	3.8 kW (400 V/3 ph/50 Hz)	
Voltage/phase/frequency	230/1/50-230/1/60 400/3/50-230/3/50 230/3/60	
	25 kg (Condenser) 75 kg (Condenser) ES100 MAX 9 kg	

Multi-temperature zone plans

Two-zone

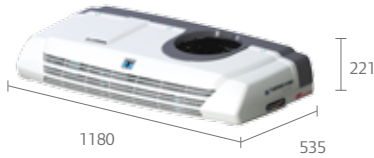


Host		Remote
A	V-200 MAX	ES100 MAX+ES100 MAX



V-300 MAX SPECTRUM

Direct Drive Truck - Multi-temperature



Model 50 (stand-by)



Model 30 (non stand-by)



ES200 Ultra Slim Evaporator



ES100 MAX Evaporator



ES150 MAX Ultra Slim Evaporator

	16 m ³	
	R-404A/R-452A	
ES150+ES150	Engine	Electric
30° C	2150 W	1380 W
	Engine	Electric
	3100 W	2250 W
	890 m ³ /h x 2	
	DSR III	
	N° Cylinder/cm ³	QP15 6/146.7
	3.8 kW (400 V/3 ph/50 Hz)	
Voltage/phase/frequency	230/1/50 - 230/1/60 400/3/50 - 230/3/50 230/3/60	
	25 kg (condenser) 75 kg (condenser) ES200 MAX 15 kg ES150 MAX 12.5 kg ES100 MAX 9 kg	

Multi-temperature zone plans

Two-zone



	Host	Remote
A	V-300 MAX	ES150 MAX+ES150 MAX
B	V-300 MAX	ES150 MAX+ES100 MAX
C	V-300 MAX	ES200 MAX+ES100 MAX

Available also in the following configurations:
ES200 + ES100/ES150 + ES100



V-500 MAX SPECTRUM

Direct Drive Truck - Multi-temperature



Swash plate Compressor QP16



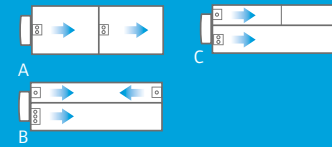
ES150 MAX Ultra Slim Evaporator



ES300 MAX Ultra Slim Evaporator

	22 m ³	
	R-404A/R-452A	
ES300+ES300	Engine	Electric
30° C	-20° C	
	2390 W	2005 W
	Engine	Electric
	3600 W	3120 W
	1185 m ³ /hx2	
	DSR III	
N° Cylinder/cm ³	6/163	
	6.4 kW (400 V/3 ph/50 Hz)	
Voltage/phase/frequency	400/3/50 - 380/3/60 230/3/50 - 230/3/60 230/1/50 - 230/1/60	
	53 kg 125 kg ES300 MAX 18kg ES150 MAX 12.5kg	

Multi-temperature zone plans: two-zone



	Host	Remote
A	V-500 MAX	ES300 MAX+ES300 MAX
B	V-500 MAX	ES300 MAX+2xES150MAX
C	V-500 MAX	ES300 MAX+ES150 MAX

Available also in the following configurations:
ES300 + 2 x ES150/ES300 + ES150



V-800 MAX SPECTRUM

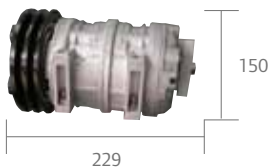
Direct Drive Truck - Multi-temperature



ES150 MAX Ultra Slim Evaporator



ES400 MAX Evaporator



Swash Plate Compressor QP21



ES600 MAX Ultra Slim Evaporator

	40 m ³	
	R-404A/R-452A	
ES400+ES400	Engine	Electric
30° C -20° C	4395 W	3595 W
	Engine	Electric
	4500 W	4000 W
	1760 m ³ /hx2	
	DSR III	
N° Cylinder/cm ³	TK-315R 3/226	
	8.2 kW (400 V/3 ph/50 Hz)	
Voltage/phase/frequency	400/3/50-230/3/50 400/3/60-230/3/60	
	160 kg ES600 MAX 28 kg ES400 MAX 20 kg ES150 MAX 12.5 kg	

Multi-temperature zone plans

Two-zone



	Host	Remote
A	V-800 MAX	ES400 MAX+ES400 MAX
B	V-800 MAX	ES600 MAX+ES150 MAX
C	V-800 MAX	ES600 MAX+ES150 MAX+ES150 MAX

Available also in the following configurations:
ES600 + 2 x ES150/ES600 + ES150



C-150e

Direct Drive Truck - Single temperature



Swash Plate Compressor QP08



ES100e Ultra Slim Evaporator

	8 m ³ - 16 m ³	
	R-404A/ R-452A	R-134a
Engine		
30° C	-20° C 0° C	1090 W 2080 W
		1900 W
		745 m ³ /h
	CSR	
	N° Cylinder/cm ³	6/82
	23 kg (Condenser) ES100e 9 kg	



C-250e

Direct Drive Truck - Single temperature



Swash Plate Compressor QP13



ES200e Ultra Slim Evaporator

→ |mm| ←

	13 m ³ - 22 m ³	
	R-404A/ R-452A	R-134a
Engine		
30° C	-20° C	1460 W
	0° C	2770 W
		2800 W
		1100 m ³ /h
	CSR	
N° Cylinder/cm ³	6/131	
	23 kg (Condenser)	
	ES200e 15 kg	



C-350e

Direct Drive Truck - Single temperature



Swash Plate Compressor QP15



ES300e Ultra Slim Evaporator

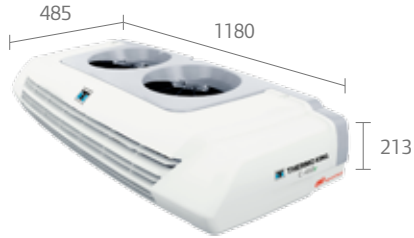
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	17 m ³ - 28 m ³	
	R-404A/ R-452A	
Engine		R-134a
30° C		1840 W
		3330 W
		2965 W
	3100 W	
	1400 m ³ /h	
	CSR	
	N° Cylinder/cm ³	6/146.7
		23 kg (Condenser)
		ES300e 18kg



C-450e

Direct Drive Truck - Single temperature



Swash Plate Compressor QP16



ES450e Ultra Slim Evaporator

	21 m ³ - 34 m ³	
	R-404A/ R-452A	R-134a
Engine		
30° C		2335 W
		4430 W
		3800 W
		1650 m ³ /h
	CSR	
N° Cylinder/cm ³	6/163	
	31 kg (Condenser) ES450e 18kg	



B-100

Direct Drive Truck - Single temperature



ES100 Ultra Slim Evaporator

	2.5 m ³ - 8 m ³		
	R-134a		
30° C		Engine 330 W	Electric 345 W
		1015 W	1010 W
	680 m ³ /h		
		Vehicle's battery powered	
	DSR III		
	N° Cylinder/cm ³	2/47,7	
	1.3 kW		
Voltage/phase/frequency		230 V/1 ph/50 HZ	
		47 kg (Condenser)	
		59 kg (Condenser)	
		ES100 9 kg	



Features and options

Options	B-100	V-100 / V-100 MAX / V-200s MAX	C-150e / C-250e / C-350e / C-150e MAX / C-250e MAX / C-350e MAX
ThermoKare service contracts	▲	▲	▲
TouchPrint Datalogger	▲	▲	▲
Wintrac	▲	▲	○
USB Datalogger	▲	▲	▲
Datalogger Jr	▲	▲	▲
Door switch	△	△	○
Din adapter	△	△	○
Hose cover	△	△	△
Muffler kit	○	△	△
Snow cover (kit deflector)	△	△	△
Harness extension 2 m/4 m/6 m	○	○	○
Bumper feet roof mounting	●	●	△
HMI holder	●	●	△
Kit hoses large (upgrade)	●	●	△
Kit swivel manifold (upgrade)	●	●	△

○ Not available

● Standard feature

△ Option: factory supplied

▲ Option: dealer supplied

V-200 / V-300 / V-200 MAX / V-300 MAX	V-200 MAX Spectrum / V-300 MAX Spectrum	V-500 / V-500 MAX / V-600	V-500 MAX Spectrum	V-800 / V-800 MAX	V-800 MAX Spectrum
▲	▲	▲	▲	▲	▲
▲	▲	▲	▲	▲	▲
▲	▲	▲	▲	▲	▲
▲	▲	▲	▲	▲	▲
▲	▲	▲	▲	▲	▲
△	△	△	△	△	△
△	△	△	△	△	△
△	△	○	○	○	○
△	△	○	△	○	○
●	●	●	●	●	●
●	●	●	●	●	●
●	○	●	○	●	○
●	●	●	●	●	●



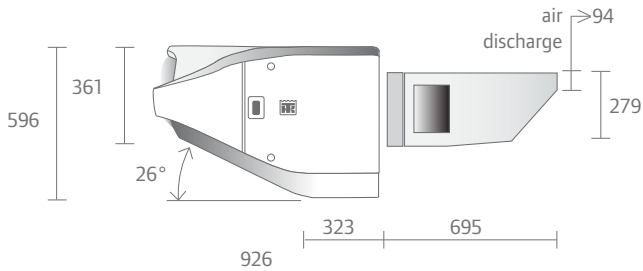


SELF POWERED TRUCK

T-500	46
T-600	48
RT-800R	50
T-800R	52
T-1000R	54
T-1200R Intermodal	56
T-1200R	58
T-800R SPECTRUM	60
T-1000R SPECTRUM	64
T-1200R SPECTRUM	68
UT-800	72
UT-1200	74
UT SPECTRUM	76
UT XTREME ^{HIGH} Ambient	80
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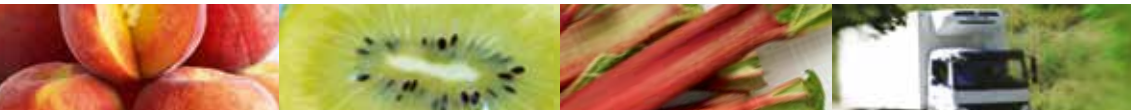
T-500R

Self Powered Truck - Single temperature



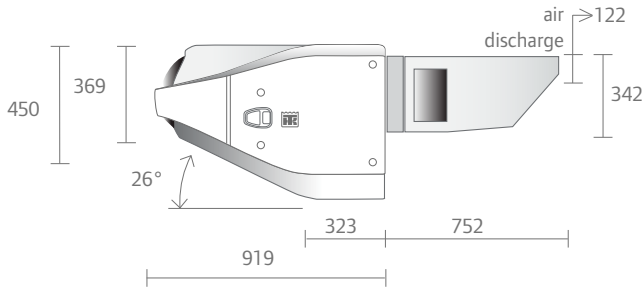
	4.0 m - 5.5 m
	R-404A/R-452A
	2800 W
	5250 W
	2150 m ³ /h
	5.5 m/s
EMI (Extended Maintenance Interval)	1000 hrs
	TruckSmartReefer 3
	TK 270 /2/570
	X214
	4.5 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz 230 V/3 ph/50 Hz 230 V/3 ph/60 Hz
	370 kg* 400 kg*

* Whisper option = +17 kg



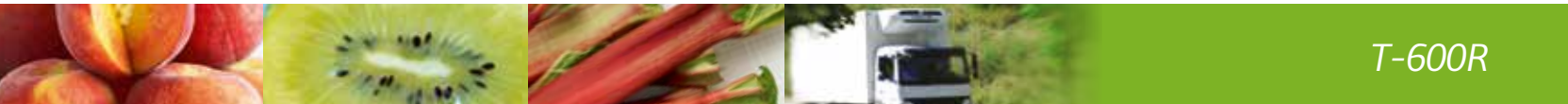
T-600R

Self Powered Truck - Single temperature



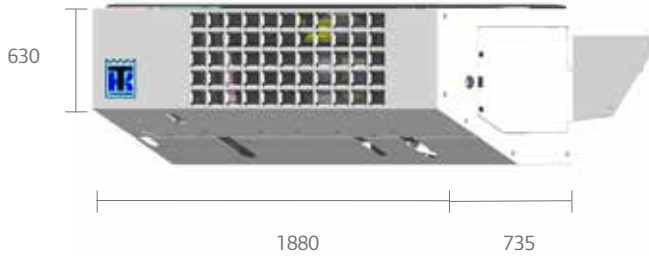
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	5.5 m - 6 m
	R-404A/R-452A
30°C	4000 W
	6700 W
	2700 m ³ /h
	5.2 m/s
EMI (Extended Maintenance Interval)	2000 hrs
	TruckSmartReefer 3
/N° Cylinder/cm ³	TK 370 /3/855
	X214
	4.5 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz 230 V/3 ph/50 Hz 230 V/3 ph/60 Hz
	441 kg 473 kg

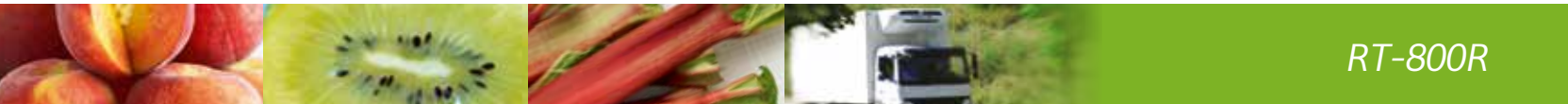


RT-800R

Self Powered Truck - Single temperature
Intermodal Application

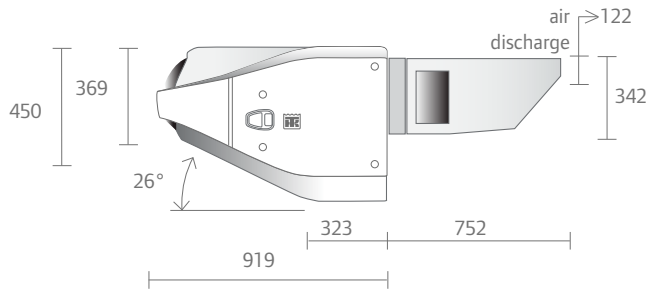


	6.5 m - 7.5 m
	R-404A/R-452A
	4200 W
	7800 W
	2700 m ³ /h
	5.2 m/s
EMI (Extended Maintenance Interval)	2000 hrs
	TruckSmartReefer 3
/N° Cylinder/cm ³	TK370 /3/855
	X214
	5.4 kW
Voltage/phase/frequency	400 V/3 ph/50 HZ
	230 V/3 ph/50 HZ
	230 V/3 ph/60 HZ
	451 kg
	484 kg



T-800R

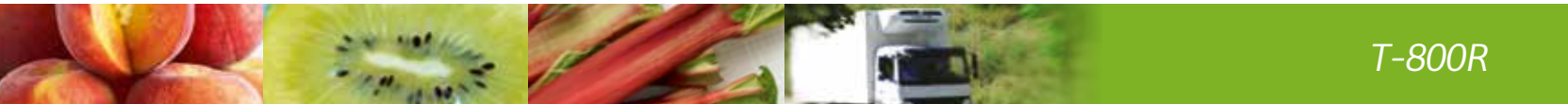
Self Powered Truck - Single temperature



→ |mm| ←

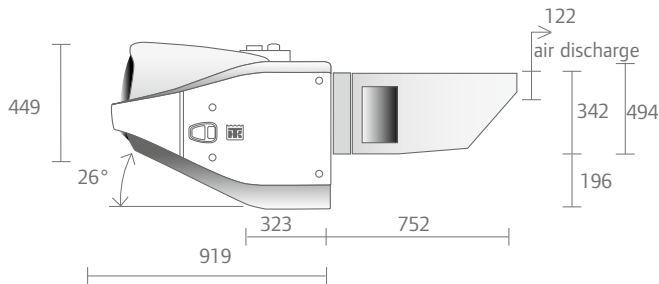
	6.5 m - 7.5 m
	R-404A/R-452A
	4200 W
	7800 W
	2700 m ³ /h
	5.2 m/s
EMI (Extended Maintenance Interval)	2000 hrs
	TruckSmartReefer 3
	/N° Cylinder/cm ³ TK 370 /3/855
	X214
	4.5 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz 230 V/3 ph/50 Hz 230 V/3 ph/60 Hz
	444 kg* 477 kg*

* Whisper option = +17 kg



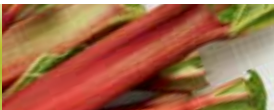
T-1000R

Self Powered Truck - Single temperature



	7.5 m - 8.5 m
	R-404A/R-452A
30°C	-20°C: 5300 W
	0°C: 9600 W
	3200 m ³ /h
	6.2 m/s
EMI (Extended Maintenance Interval)	2000 hrs
	TruckSmartReefer 3
/N° Cylinder/cm ³	TK 376 /3/1115
	X426 C5
	7.5 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz
	230 V/3 ph/50 Hz
	230 V/3 ph/60 Hz
	457 kg*
	514 kg*

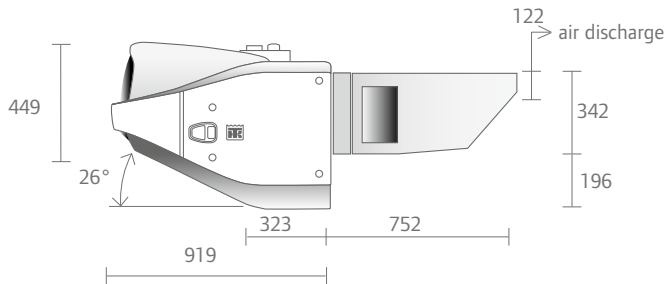
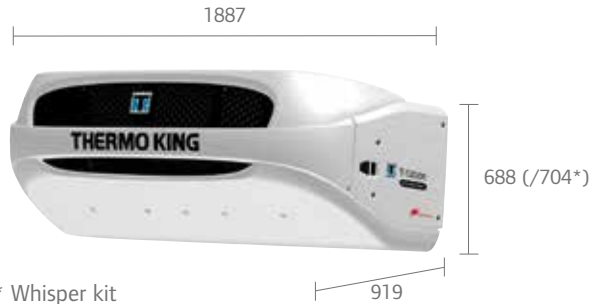
* Whisper option = +17 kg



T-1200R Intermodal

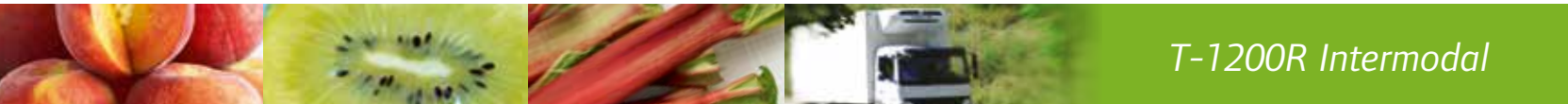
Self Powered Truck - Single temperature

For rail applications



	13.6 m
	R-404A/R-452A
	6800 W
	12500 W
	3300 m ³ /h
	6.4 m/s
EMI (Extended Maintenance Interval)	2000 hrs
	TruckSmartReefer 3
	/N° Cylinder/cm ³ TK 376 /3/1115
	X430 C5
	7.5 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz 230 V/3 ph/50 Hz 230 V/3 ph/60 Hz
	 517 kg

* Whisper option = +17 kg

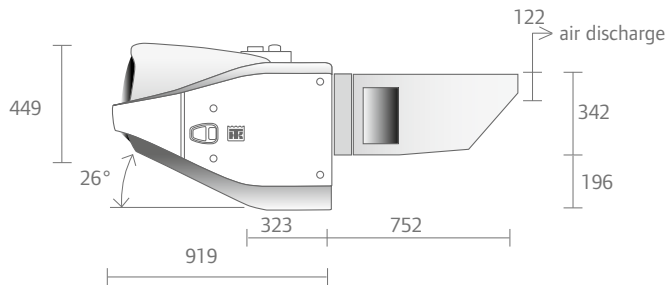


T-1200R

Self Powered Truck - Single temperature

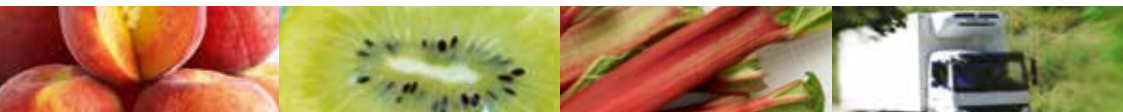


* Whisper kit



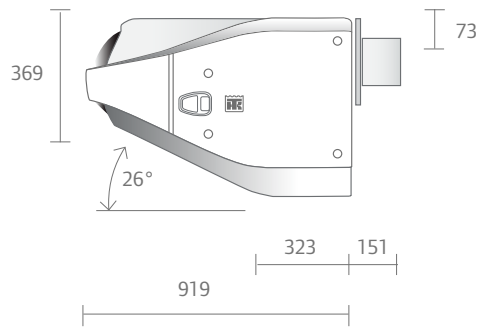
	8.5 m+
R-404A/R-452A	
30°C	6800 W
	12500 W
	3300 m ³ /h
	6.4 m/s
EMI (Extended Maintenance Interval)	2000 hrs
	Truck SmartReefer 3
/N° Cylinder/cm ³	TK 376 /3/1115
	X430 C5
	7.5 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz 230 V/3 ph/50 Hz 230 V/3 ph/60 Hz
	460 kg* 517 kg*

* Whisper option = +17 kg



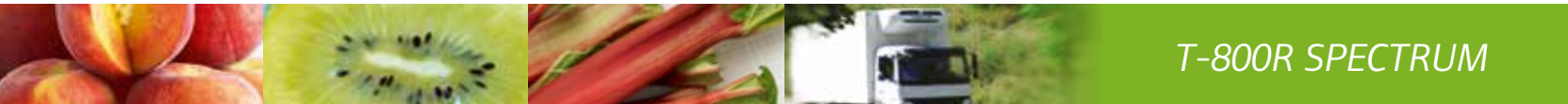
T-800R SPECTRUM

Self Powered Truck - Multi-temperature



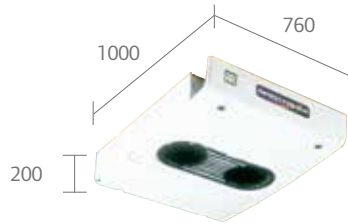
	6.5 m - 7.5 m
	R-404A/R-452A
	3850 W
	8000 W
	S-2 = 1320 m ³ /h S-3 = 1980 m ³ /h
	S-2/S-3 = 9.5 m/s
EMI (Extended Maintenance Interval)	2000 hrs
/N° Cylinder/cm ³	TK 370 /3/855
	X214
	4.5 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz
	230 V/3 ph/50 Hz
	230 V/3 ph/60 Hz
	357 kg
	389 kg

*Whisper option = +17 kg

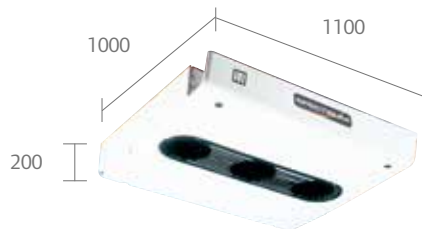


T-800R SPECTRUM - continued

Self Powered Truck - Multi-temperature



S-2 Evaporator

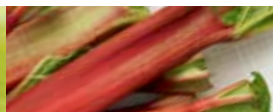


S-3 Evaporator

Multi-temperature zone plans Two-zone

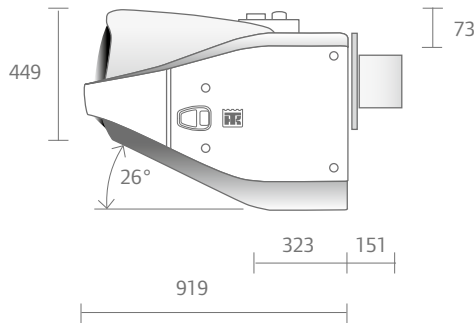


	Host	Remote
A	T-800R SPECTRUM	S-2 + S-2
B	T-800R SPECTRUM	S-2 + S-3
C	T-800R SPECTRUM	S-2 + S-2
D	T-800R SPECTRUM	S-2 + S-2



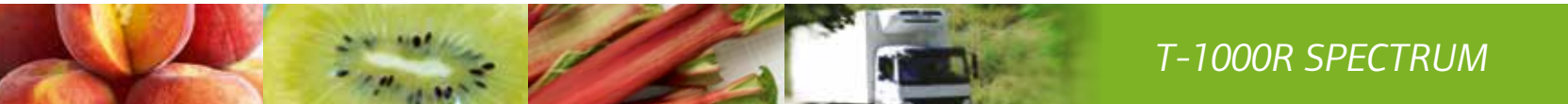
T-1000R SPECTRUM

Self Powered Truck - Multi-temperature



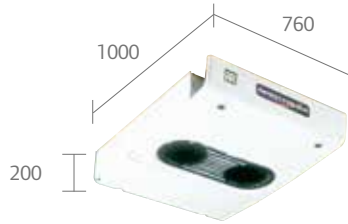
	7.5 m - 8.5 m
	R-404A/R-452A
	5700 W
	9900 W
	S-2 = 1320 m ³ /h S-3 = 1980 m ³ /h
	S-2/S-3 = 9.5 m/s
EMI (Extended Maintenance Interval)	2000 hrs
	TruckSmartReefer 3
	TK 376 3/1115
	X426C5
	7.5 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz 230 V/3 ph/50 Hz 230 V/3 ph/60 Hz
	373 kg 430 kg

*Whisper option = +17 kg

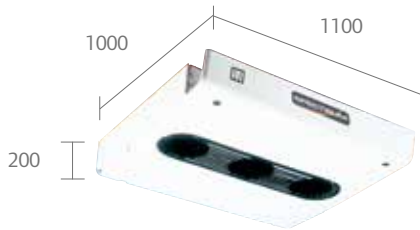


T-1000R SPECTRUM - continued

Self Powered Truck - Multi-temperature



S-2 Evaporator



S-3 Evaporator

Multi-temperature zone plans

Two-zone



A



B



C



D



E

Three-zone

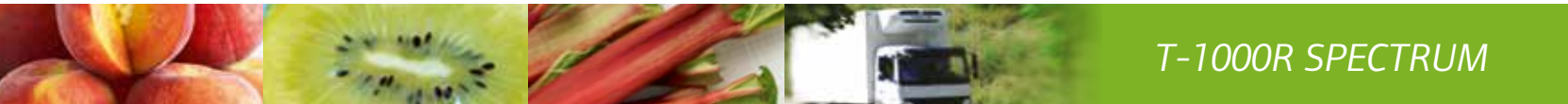


F



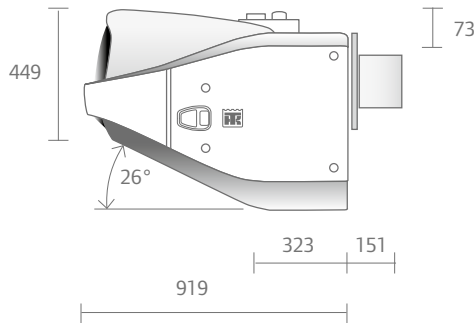
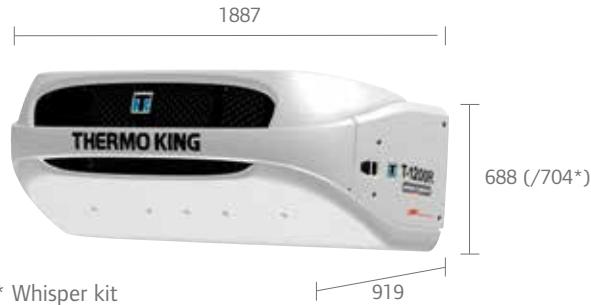
G

	Host	Remote
A	T-1000R SPECTRUM	S-3 + S-3
B	T-1000R SPECTRUM	S-2 + S-3
C	T-1000R SPECTRUM	S-2 + S-4
D	T-1000R SPECTRUM	S-3 + S-3
E	T-1000R SPECTRUM	S-2 + S-3
F	T-1000R SPECTRUM	S-2 + S-2 + S-2
G	T-1000R SPECTRUM	S-2 + S-2 + S-2



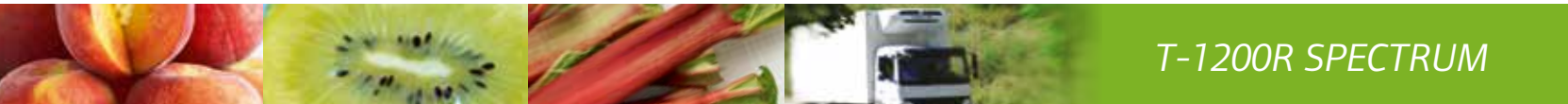
T-1200R SPECTRUM

Self Powered Truck - Multi-temperature



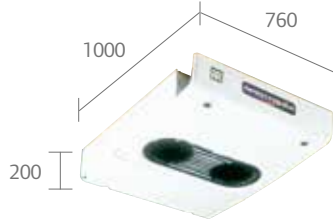
	8.5 m+
	R-404A/R-452A
	7200 W
	11800 W
	S-2 = 1320 m ³ /h S-3 = 1980 m ³ /h
	S-2/S-3 = 9.5 m/s
EMI (Extended Maintenance Interval)	2000 hrs
	TruckSmartReefer 3
	TK 376 3/1115
	X430C5
	7.5 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz 230 V/3 ph/50 Hz 230 V/3 ph/60 Hz
	377 kg 436 kg

* Whisper option = + 17 kg

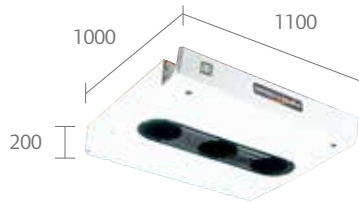


T-1200R SPECTRUM - continued

Self Powered Truck - Multi-temperature



S-2 Evaporator



S-3 Evaporator

Multi-temperature zone plans

Two-zone



A



B



C



D

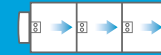


E

Three-zone



F

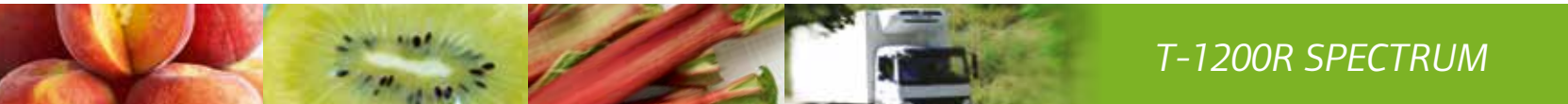


G



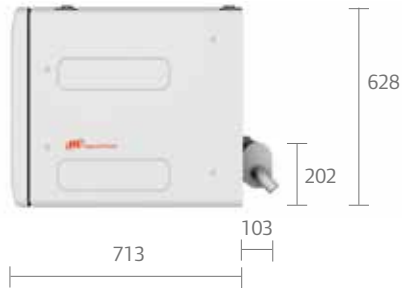
H

	Host	Remote
A	T-1200R SPECTRUM	S-3 + S-3
B	T-1200R SPECTRUM	S-4 + S-2
C	T-1200R SPECTRUM	S-3 + S-3
D	T-1200R SPECTRUM	S-4 + S-4
E	T-1200R SPECTRUM	S-4 + S-4
F	T-1200R SPECTRUM	S-2 + S-2 + S-2
G	T-1200R SPECTRUM	S-2 + S-2 + S-2
H	T-1200R SPECTRUM	S-3 + S-3 + S-2

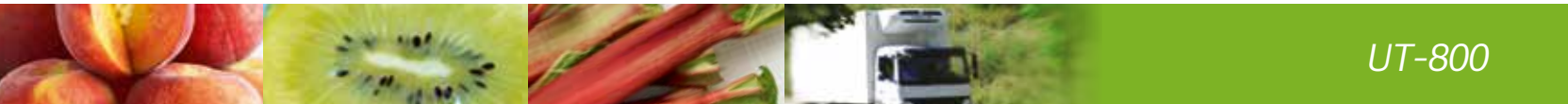


UT-800

Self Powered Truck - Single temperature

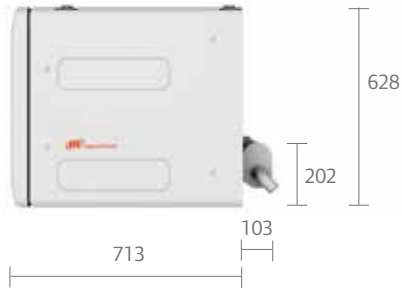


	6.5 m - 7.5 m
	R-404A/R-452A
	ES-800
	5300 W
	9300 W
	2640 m ³ /h
	6.5 m/s
EMI (Extended Maintenance Interval)	2000 hrs
	/N° Cylinder/cm ³ TK376U /3/1115
	TK06 Scroll
	7.5 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz 230 V/3 ph/50 HZ 230 V/3 ph/60 HZ
	493 kg



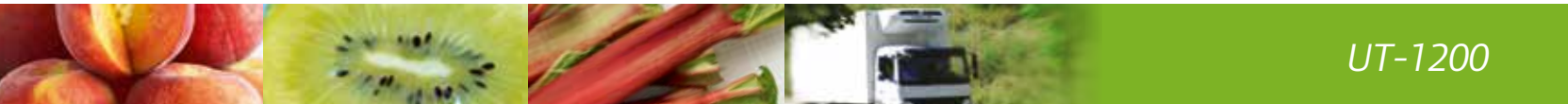
UT-1200

Self Powered Truck - Single temperature



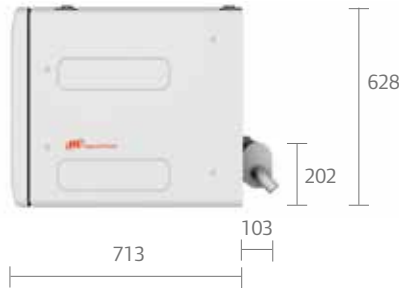
→ |mm| ←

	7.5 m - 9 m+		
	R-404A/R-452A		
	S3 + S3	E-evap	
30°C	-20°C	6600 W	6600 W
	0°C	11200 W	11400 W
	4000 m ³ /h	3350 m ³ /h	
	9.5 m/s	6.6 m/s	
EMI (Extended Maintenance Interval)	2000 hrs		
/N° Cylinder/cm ³	TK 376U	3/1115	
	TK06 Scroll		
	7.5 kW		
Voltage/phase/frequency	400 V/3 ph/50 Hz 230 V/3 ph/60 HZ		
	495 kg		



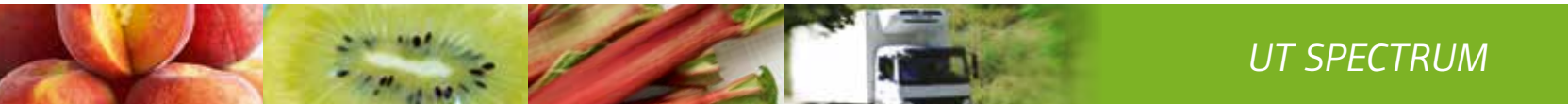
UT SPECTRUM

Self Powered Truck - Multi-temperature



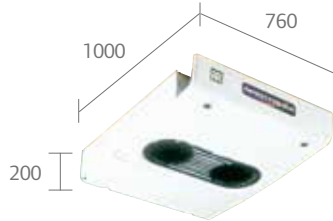
→ |mm| ←

	7.5 m - 9 m+		
	R-452A		
		S-3 + S-3	S-3 + S-3 + S-2
		5750 W	6050 W
		10550 W	10400 W
	S-2 = 1320 m ³ /hr S-3 = 1980 m ³ /hr		
	S-2 = 9.5 m/s S-3 = 9.5 m/s		
EMI (Extended Maintenance Interval)	2000 hrs		
	TruckSmartReefer 3		
	/N° Cylinder/cm ³	TK 376U 3/1115	
	TK06 Scroll		
	14.6 kW		
Voltage/phase/frequency	200 V/3 ph/60 Hz 230 V/3 ph/50 Hz 230 V/3 ph/60 Hz 400 V/3 ph/50 Hz		
	S-3 + S-3 = 597 kg	S-3 + S-3 + S-2 = 633 kg	

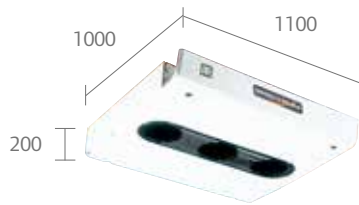


UT SPECTRUM - continued

Self Powered Truck - Multi-temperature



S-2 Evaporator



S-3 Evaporator

Multi-temperature zone plans

Two-zone



A



B



C



D

Three-zone



E



F

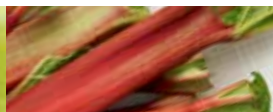


G



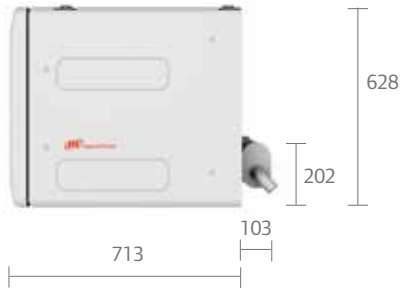
H

	Host	Remote
A	UT SPECTRUM	S-2 + S-3
B	UT SPECTRUM	S-3 + S-3
C	UT SPECTRUM	S-2 + S-3
D	UT SPECTRUM	S-3 + S-3
E	UT SPECTRUM	S-2 + S-3 + S-3
F	UT SPECTRUM	S-2 + S-2 + S-3
G	UT SPECTRUM	S-2 + S-3 + S-3
H	UT SPECTRUM	S-2 + S-2 + S-3



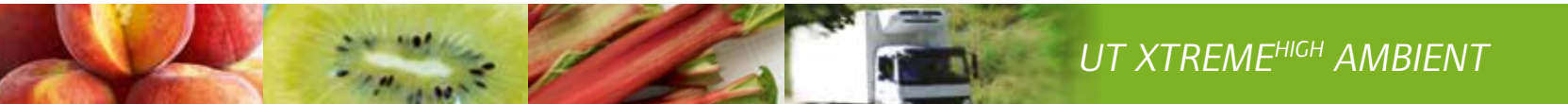
UT XTREME^{HIGH} AMBIENT

Self Powered Truck - for High Ambients



→ |mm| ←

	5 m - 7.5 m		
	R-134a		
	E-evap	S3 + S3	
55°C		6700 W	6700 W
		11500 W	11500 W
30°C		7500 W	7500 W
		3350 m ³ /h	3960 m ³ /h
		6.6 m/s	9.3 m/s
EMI (Extended Maintenance Interval)	2000 hrs		
	TruckSmartReefer 3		
/N° Cylinder/cm ³	TK 376U	3/1115	
	TK06 Scroll		
	14.6 kW		
Voltage/phase/frequency	230 V/3 ph/60 Hz 100 V/3 ph/50 Hz		
	580 kg 	597 kg 	



UT-Series Remote Evaporators

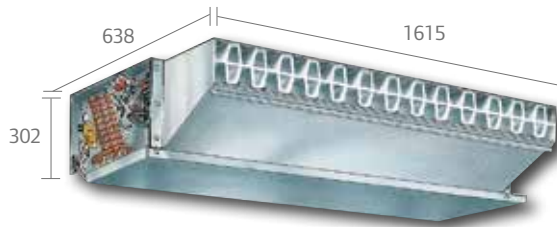
Self Powered Truck - Single temperature

UT-1200, UT XTREME^{HIGH} Ambient



S-3 Evaporator

UT-1200, UT XTREME^{HIGH} Ambient

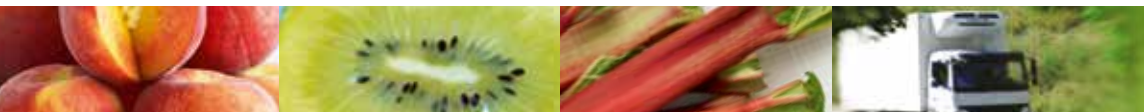


E-type Evaporator

UT-800



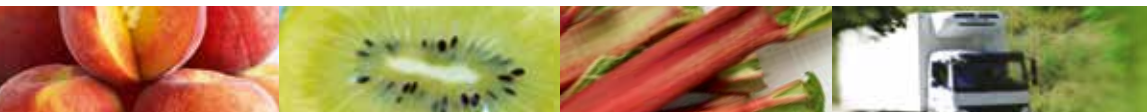
ES-800



Features and options

Features and options	
LIFE COST MANAGEMENT	
ThermoKare Service contracts	
Two year warranty coverage	
Cycle-Sentry start/stop control system	
EMI (Extended Maintenance Interval) 2000 hour	
TK high-performance battery	
Thermo King energy battery	
Premium AGM battery	
DATA CAPTURE & COMMUNICATIONS	
DAS (Data Acquisition System)	
TouchPrint data capture	
TracKing (tracking and load monitoring)	
Wintrac (data analysis software)	
TouchPrint Printer	
Remote Watch	
LOAD PROTECTION	
Auto phase correction	
Diesel/electric auto-switching	
Door switches	
TSR-3 standard in-cab display	
Heater bar kit	
Water heater - (T-600R/T-800R only)	
CUSTOMISATION	
TSR-3 premium in-cab display	
Whisper kit acoustic	
Evaporator guard	
TSR-3 rear remote control	
Body mount enclosure	
Fuel tank plastic 90L	
Safeguard battery kit	
Drain kit	
Fuel level sensor	
ServiceWatch maintenance logger	
Triple Combo Display	
Flexible hoses	
Electronic fuel capture	
Remote status light and combination display	
Hose management kit	
Solar Panel	

T-500R	Single temperature T-600R/T-800R/ T-1000R/T-1200R	Multi-temperature T-800R/T-1000R/ T-1200R Spectrum	UT-Series UT-800/ UT-1200	UT SPECTRUM	UT XTREME ^{HIGH} AMBIENT
▲	▲	▲	▲	▲	▲
●	●	●	●	●	●
●	●	●	●	●	●
●	●	●	●	○	○
●	●	●	●	●	●
△	△	△	△	△	△
△	△	△	△	△	△
○	△	△	△	△	△
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CRYOTECH

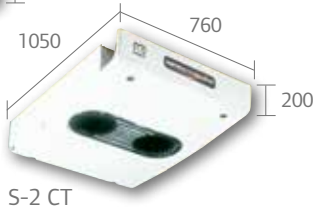
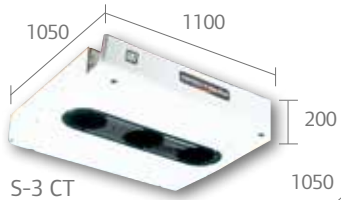
CT-10 / CT-10 SPECTRUM 88
















CT-15 / CT-15 SPECTRUM 90

CT-10 / CT-10 SPECTRUM

CryoTech Truck-

Single and Multi-temperature



	up to 9 m									
	Capacity per evaporator in pull down conditions									
30°C	S-2 CT - 5200 W S-3 CT - 7800 W									
	S-2 CT - 5800 W S-3 CT - 8800 W									
	5650 W - 6850 W									
	Airflow per evaporator 1360 - 2040 m ³ /h									
	SmartReefer3									
	49 kg 									
	<table border="1"> <thead> <tr> <th></th> <th>330 L</th> <th>430 L</th> </tr> </thead> <tbody> <tr> <td></td> <td>171 kg</td> <td>207 kg</td> </tr> <tr> <td></td> <td>+CO₂: 544 kg</td> <td>696 kg</td> </tr> </tbody> </table>		330 L	430 L		171 kg	207 kg		+CO ₂ : 544 kg	696 kg
	330 L	430 L								
	171 kg	207 kg								
	+CO ₂ : 544 kg	696 kg								
Voltage/phase/frequency	400 V/3 ph/50 Hz 230 V/3 ph/50 Hz									



CT-15/CT-15 SPECTRUM

CryoTech Trailer - Single and multi-temperature



Electric Control Module














Rear Remote Control

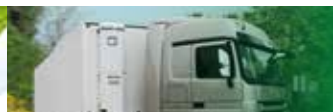


Tank

→ |mm| ←

	up to 13 m	
30°C 		Capacity per evaporator in pull down conditions
		S-2 CT - 5200 W S-3 CT - 7800 W
		S-2 CT - 5800 W S-3 CT - 8800 W
	5650 W - 6850 W	
	Airflow per evaporator 1360 - 2040 m ³ /h	
	SmartReefer3	
	145 kg	
		330 L 430 L
	  +CO ₂	171 kg 207 kg 544 kg 696 kg
Voltage/phase/frequency	400 V/3 ph/50 Hz 230 V/3 ph/50 Hz	

- EN** For multi-temperature operations any combination of S-2 CT and S-3 CT evaporators can be used.
- F** Pour le fonctionnement multitempératures, toutes les combinaisons d'évaporateurs S-2 CT et S-3 CT sont envisageables.
- D** Bei Mehrfachtemperatur-anwendungen können die Verdampfermodelle S-2 CT und S-3 CT beliebig kombiniert werden.
- I** Per il funzionamento multitemperatura può essere utilizzata qualsiasi combinazione di evaporatori S-2 CT e S-3 CT.
- ES** Cualquier combinación de los evaporadores S-2 CT y S-3 CT es válida para operaciones multitemperatura.
- NL** Voor multitemperatuurfunctie kunt u een willekeurige combinatie S-2 CT- en S-3 CT-verdampers gebruiken.





TRAILER

SLXi-100	94
SLXi-200	96
SLXi-300	98
SLXi-400	100
SLXi-300 WHISPER™ PRO	102
SLXi SPECTRUM	104
SLXi-SPECTRUM WHISPER™ PRO	108
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SLXi-100

Trailer - Single temperature



	12 m
	R-452A
	6000 W 10900 W
	4250 m ³ /h
	12 m/s
EMI (Extended Maintenance Interval)	3000 hrs
	SmartReefer 3
	TK 486V /4/2100
	X426 C5
	9.3 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz
	720 kg 790 kg



SLXi-200

Trailer - Single temperature



	15 m
	R-452A
	7500 W 13500 W
	5000 m ³ /h
	14 m/s
EMI (Extended Maintenance Interval)	3000 hrs
	SmartReefer 3
	TK 486V /4/2100
	X430 C5
	9.3 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz
	740 kg* 810 kg*

* Whisper option = + 85 kg



SLXi-300

Trailer - Single temperature



	15 m
	R-452A
	7900 W
	15000 W
	5000 m ³ /h
	14 m/s
EMI (Extended Maintenance Interval)	3000 hrs
	SmartReefer 3
/N° Cylinder/cm ³	TK 486V /4/2100
	X430 C5
	9.3 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz
	740 kg* 810 kg*

* Whisper option = + 85 kg



SLXi-400

Trailer - Single temperature



	16 m
	R-452A
	-20°C
	0°C
	5500 m ³ /h
	16 m/s
EMI (Extended Maintenance Interval)	3000 hrs
	SmartReefer 3
/N° Cylinder/cm ³	TK 486V /4/2100
	X430 C5
	9.3 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz
	740 kg*
	810 kg*

* Whisper option = + 85 kg



SLXi-300 WHISPER™ PRO

Trailer - Single temperature



		15 m	
		R-452A	
		High Speed 9400 W	PIEK Mode 6500 W
		16500 W	10800 W
		5000 m ³ /h	
		14 m/s	
EMI (Extended Maintenance Interval)		3000 hrs	
		SmartReefer3	
		/N° Cylinder/cm ³	TK 486V /4/2100
		X430 C5	
		9.3 kW	
Voltage/phase/frequency		400 V/3 ph/50Hz 460 V/3 ph/60Hz*	
			820 kg
			890 kg
Noise		High speed 66 dbA	PIEK Mode 60 dbA

* 200-220V option also available - for specific markets only



SLXi SPECTRUM

Trailer - Multi-temperature



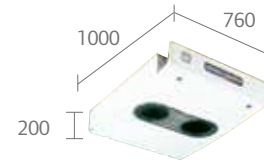
	15 m
	R-452A
	-20°C
	0°C
	9000 W
	19100 W
	5000 m ³ /h
	15 m/s
EMI (Extended Maintenance Interval)	3000 hrs
	SmartReefer3
/N° Cylinder/cm ³	TK 486V /4/2100
	X430 C5
	9.3 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz
	755 kg*
	825 kg*

* Whisper option = + 85 kg

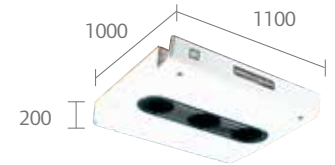


SLXi SPECTRUM - continued

Trailer - Multi-temperature



S-2 Evaporator



S-3 Evaporator

Multi-temperature zone plans

Two-zone



A or B



C or E



G or I



H or J

Three-zone



M, N or O



P



U

	Host	Remote
A	SLXi SPECTRUM 2	S-2
B	SLXi SPECTRUM 2	S-3
C	SLXi SPECTRUM 2	S-2 + S-2
E	SLXi SPECTRUM 2	S-3 + S-3
G	SLXi SPECTRUM 2	S-2
H	SLXi SPECTRUM 2	S-2 + S-2
I	SLXi SPECTRUM 2	S-3
J	SLXi SPECTRUM 2	S-3 + S-3
M	SLXi SPECTRUM 3	S-2 + S-2
N	SLXi SPECTRUM 3	S-3 + S-3
O	SLXi SPECTRUM 3	S-3 + S-2
P	SLXi SPECTRUM 3	S-3(x2) + S-3
U	SLXi SPECTRUM 3	S-2 + S-3



SLXi SPECTRUM WHISPER™ PRO

Trailer - Multi-temperature



	15 m		
	R-452A R-452A REFRIGERANT		
30°C	-20°C	High Speed 9000 W	PIEK Mode 5800 W
	0°C	18400W	12400 W
	5000 m³/h		
	15 m/s		
EMI (Extended Maintenance Interval)	3000 hrs		
	SmartReefer3		
/N° Cylinder/cm³	TK 486V	/4/2100	
	X430 C5		
	9.3 kW		
Voltage/phase/frequency	400 V/3 ph/50Hz		
		835 kg	
		905 kg	
Noise	High speed	66 dbA	PIEK Mode 60 dbA



Features and options

Features and options
LIFE COST MANAGEMENT
Two year full warranty
EMI (Extended Maintenance Interval) 3000 hours
Fuel Level Sensor
Premium AGM battery
DATA MONITORING MANAGEMENT
TouchPrint Data logger
TouchPrint Printer
ServiceWatch maintenance logger
TrackKing: remote temperature & vehicle management
USB Data Port
Wintrac data analysis software
LOAD PROTECTION
Host Zone Null
Precision Temperature Control (PTC)
Diesel/Electric Auto Switching + Auto Phase Correction
Thermo King GDP PharmaSolutions Package
Produce Protection Plus (ETV & Temperature Modulation)
OptiSet™ Plus pre-set operating parameters
Discharge Air Control Freeze protection
Air Chutes
Door switches
EASE OF USE
Fuel filtration and priming system
Kit Drop Down HMI
Rear remote control SR-3
Status light
Triple Combo Display
CUSTOMISATION
Low voltage disconnect
Solar Panel
Snow Kit - dealer fitted
Tail lift Battery Charger
Whisper kit acoustic (except SLXi-100)
Fuel Tank (Plastic 230L or Alulinium 190L)
Evaporator Guard
Protection bars

SLXi-100 SLXi-200	SLXi-300/ SLXi-300 WHISPER™ PRO	SLXi-400	SLXi- SPECTRUM/ SLXi-SPECTRUM WHISPER™ PRO
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○ Not available ● Standard feature
 △ Option: factory supplied ▲ Option: dealer supplied





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