

TRUCK & TRAILER

PRODUCT GUIDE 2019



SLXi-200	SLXi-300/ SLXi-300 WHISPER™ PRO	SLXi-400	SLXi- SPECTRUM/ SLXi-SPECTRUM WHISPER™ PRO
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○ Not available

△ Option: factory supplied

● Standard feature

▲ Option: dealer supplied





PRODUCT GUIDE 2019 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

DIRECT DRIVE TRUCK

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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



		5 m ³ - 16 m ³	
		R-452A 	R-134a
Engine			
 30° C		1045 W	675 W
		2085 W	1605 W
Electric			
 30° C		675 W	365 W
		1275 W	910 W
		Engine 1900 W Electric 1100 W	
		866 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



	10 m ³ - 19 m ³
	R-452A 
Engine	
 30° C	 -20°C 1290 W
	 0°C 2380 W
Electric	
 30° C	 -20°C 670 W
	 0°C 1500 W
	Engine 2200 W Electric 1300 W
	1000 m ³ /h
	DSR III
 N° Cylinder/cm ³	6/82
	1.6 kW
	 25 kg (Condenser)  43 kg (Condenser) ES150 14 kg



V-200

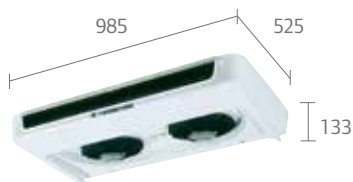
Direct Drive Truck - Single-Temperature



Model 50 (stand-by)



Model 30 (non stand-by)



ES200 Ultra Slim Evaporator



Swash Plate Compressor QP13



		9 m ³ - 22 m ³	
		R-452A 	R-134a
Engine			
 30° C		1460 W	945 W
		2770 W	2255 W
Electric			
 30° C		1130 W	685 W
		1970 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

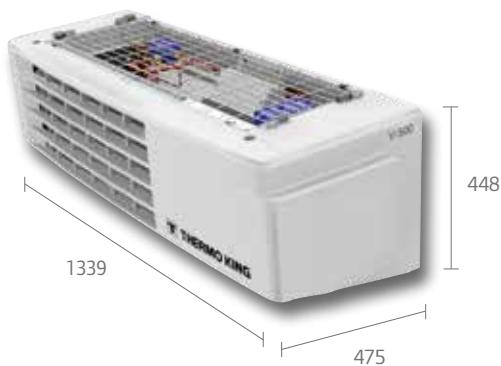


		10 m ³ - 28 m ³	
		R-452A 	R-134a
Engine			
 30° C		1840 W	1260 W
		3330 W	2965 W
Electric			
 30° C		1235 W	865 W
		2840 W	2090 W
		Engine 3100 W Electric 2250 W	
		1400 m ³ /h	
		DSR III	
 N° Cylinder/cm ³		6/146.7	
		3.7 kW (400 V/3 ph/50 Hz)	
Voltage/phase/frequency		230 V/1 ph/50 HZ 400 V/3 ph/50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



ES500 Ultra Slim Evaporator



Swash plate Compressor Q16



		13 m ³ - 42 m ³	
		R-452A 	R-134a
Engine			
 30° C		2520 W	1655 W
		4870 W	3915 W
Electric			
 30° C		1915 W	1090 W
		4120 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 Hz 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



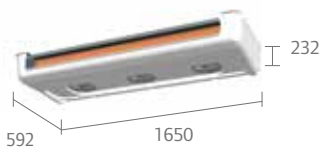
Swash Plate Compressor QP16



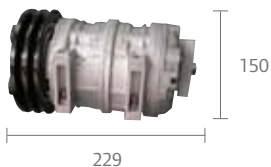
		30 m ³ - 48 m ³	
		R-452A	 R-452A REFRIGERANT
 30° C		Engine	Electric
		3280 W	2550 W
		5910 W	4970 W
		Engine	Electric
		4000 W	3200 W
		2580 m ³ /h	
		DSR III	
 N° Cylinder/cm ³		6/163	
		6.4 kW (400 V/3 ph/50 Hz)	
Voltage/phase/frequency		400 V/3 ph/50 Hz 380 V/3 ph/60 Hz 230 V/3 ph/50 Hz 230 V/3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



ES800 MAX Ultra Slim Evaporator



Swash Plate Compressor QP21



		42 m ³ - 54 m ³	
		R-452A 	R-134a
Engine			
 30° C		4160 W	
		7790 W	
Electric			
 30° C		3795 W	
		7030 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



	12 m ³	
	R-452A	
ES100+ES100	Engine	Electric
 30° C	 -20° 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 (standby-by)



Model 30 (non stand-by)



ES100 MAX Evaporator



ES200 Ultra Slim Evaporator



ES150 MAX Ultra Slim Evaporator



			16 m ³	
			R-452A	
ES150+ES150			Engine	Electric
 30° C 			2150 W	1380 W
			Engine 3100 W	Electric 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-452A	
ES300+ES300	Engine	Electric
 30° C	 -20° C	2390 W
	2390 W	2005 W
	Engine	Electric
	3600 W	3120 W
	1185 m ³ /h x 2	
	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



A



C



B

	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



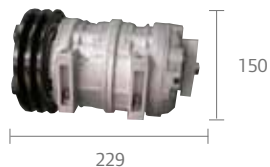
ES150 MAX Ultra Slim Evaporator



ES400 MAX Evaporator



ES600 MAX Ultra Slim Evaporator



Swash Plate Compressor QP21



		40 m ³	
		R-452A	
ES400+ES400		Engine	Electric
 30° C		 -20° C	
		4395 W	3595 W
		Engine	Electric
		4500 W	4000 W
		1760 m ³ /h x 2	
		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-452A	 R-134a
Engine			
 30° C		1090 W	1665 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



		13 m ³ - 22 m ³	
		R-452A	 R-134a
Engine			
 30° C		1460 W	2255 W
		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



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



C-450e

Direct Drive Truck - Single-Temperature



Swash Plate Compressor QP16



ES450e Ultra Slim Evaporator



	21 m ³ - 34 m ³	
	R-452A	 R-134a
Engine		
 30° C	 -20° C	2335 W
	 0° C	4430 W
		3315 W
	3800 W	
	1650 m ³ /h	
	CSR	
 N° Cylinder/cm ³	6/163	
	 31 kg (Condenser)	
	ES450e 18 kg	

B-series

Direct Drive Truck - Single-Temperature



ES100 Ultra Slim Evaporator



		2.5 m ³ - 8 m ³	
		B-100/B-100 MAX: R-404A R-452A	B-100 ECO: R-134a
 30° C		Engine	Electric
		470 W	445 W
		1180 W	1135 W
		833 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

△ Option: factory supplied

● Standard feature

▲ 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
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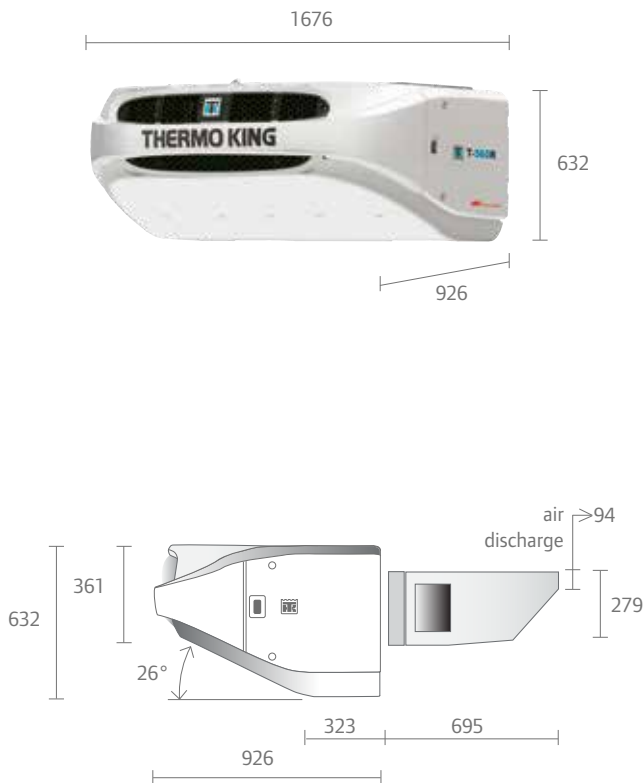
SELF POWERED TRUCK

SELF POWERED TRUCK

T-560R	46
T-600R	48
RT-800R	50
T-800R	52
T-1000R	54
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T-1200R SPECTRUM	68
UT-800	72
UT-1200	74
UT SPECTRUM	76
UT XTREME ^{HIGH} Ambient	80
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T-560R

Self Powered Truck - Single-Temperature



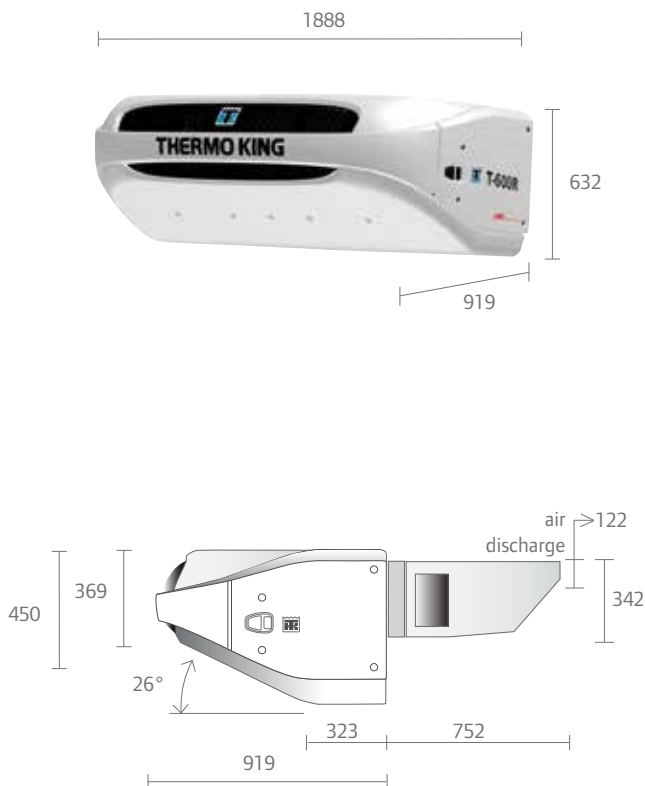
		4.0 m - 5.5 m
		R-452A 
 30°C		3400 W
		6200 W
		2150 m ³ /h
		5.5 m/s
	EMI (Extended Maintenance Interval)	1000 hrs
		Truck Smart Reefer
	 /N° Cylinder/cm ³	TK 270  /2/570
		X214
		4.5 kW
Voltage/phase/frequency		400 V/3 ph/50 Hz 230 V/3 ph/50 Hz 230 V/3 ph/60 Hz
		 370 kg*  400 kg*

* Whisper option = +10 kg



T-600R

Self Powered Truck - Single-Temperature



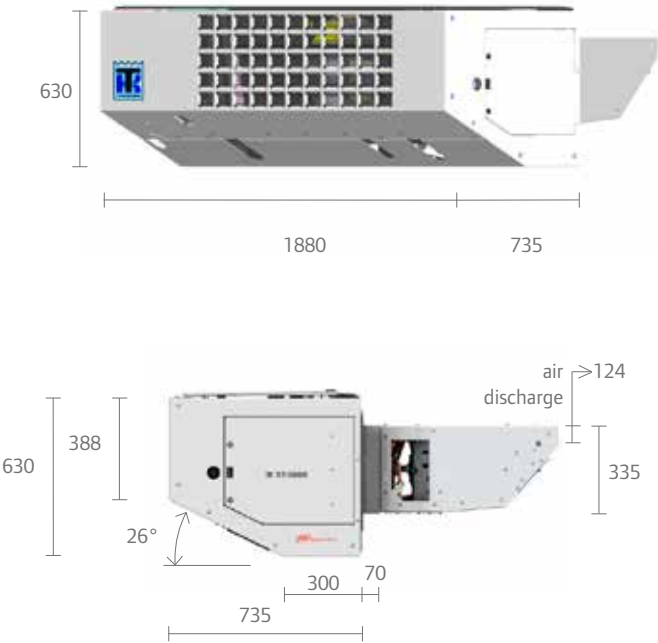
	5.5 m - 6 m
 R-452A 	
 30°C 	4000 W
	6800 W
	2700 m ³ /h
	5.2 m/s
EMI (Extended Maintenance Interval)	2000 hrs
	TruckSmartReefer3
 /N° Cylinder/cm ³	TK 370  /3/855
	X214
	4.5 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz 230 V/3 ph/50 Hz 230 V/3 ph/60 Hz
	 441 kg*  473 kg*

* Whisper option = +15 kg



RT-800R

Self Powered Truck - Single-Temperature
Intermodal Application

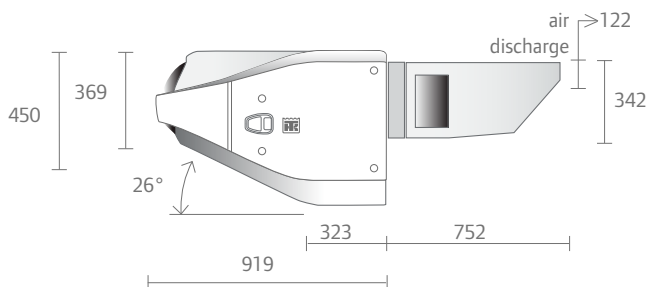


	6.5 m - 7.5 m
	R-452A 
 30°C	 4200 W
	 8000 W
	2700 m ³ /h
	5.2 m/s
EMI (Extended Maintenance Interval)	2000 hrs
	TruckSmartReefer3
 /N° Cylinder/cm ³	TK370  /3/855
	X214
	5.4 kW
Voltage/phase/frequency	400 V/3 ph/50 HZ 230 V/3 ph/50 HZ 230 V/3 ph/60 HZ
	 451 kg  484 kg



T-800R

Self Powered Truck - Single-Temperature



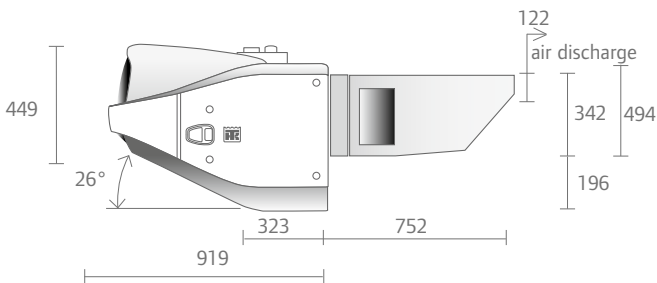
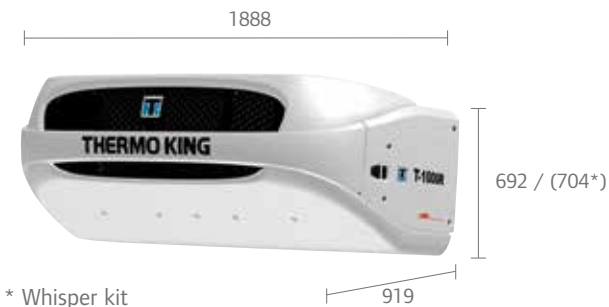
	6.5 m - 7.5 m
 R-452A 	
 30°C	 4200 W
	 8000 W
	2700 m ³ /h
	5.2 m/s
EMI (Extended Maintenance Interval)	2000 hrs
	TruckSmartReefer 3
 /N° Cylinder/cm ³	TK 370  /3/855
	X214
	4.5 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz 230 V/3 ph/50 Hz 230 V/3 ph/60 Hz
	 444 kg*  477 kg*

* Whisper option = +15 kg



T-1000R

Self Powered Truck - Single-Temperature



		7.5 m - 8.5 m
	 R-452A 	
 30°C		5300 W
		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*

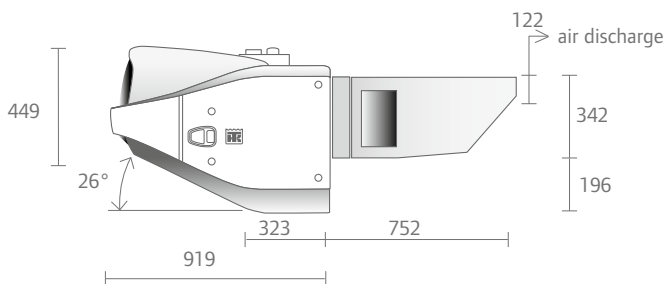
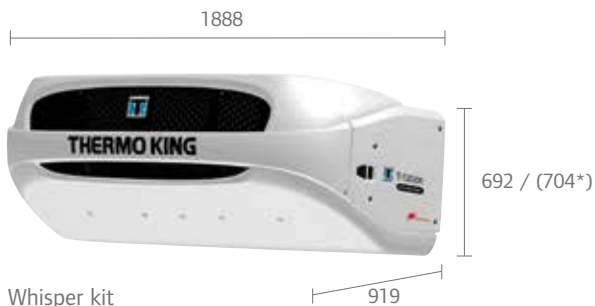
* Whisper option = +17 kg



T-1200R Intermodal

Self Powered Truck - Single-Temperature

For rail applications

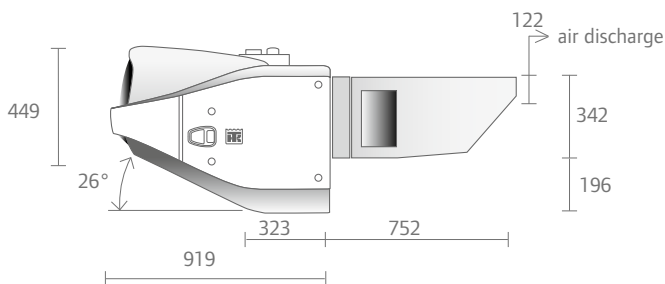
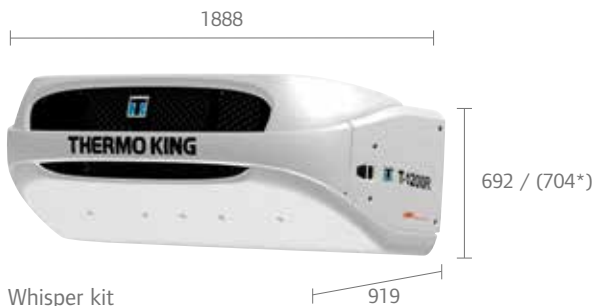


	13.6 m	
	R-452A	
 30°C	 -20°C	6800 W
	 0°C	12500 W
	3300 m³/h	
	6.4 m/s	
EMI (Extended Maintenance Interval)	2000 hrs	
		
 /N° Cylinder/cm³	TK 376 	/3/1115
	X430 C5	
	7.5 kW	
Voltage/phase/frequency	400 V/3 ph/50 Hz 230 V/3 ph/50 Hz 230 V/3 ph/60 Hz	
	  517 kg*	

* Whisper option = +17 kg

T-1200R

Self Powered Truck - Single-Temperature



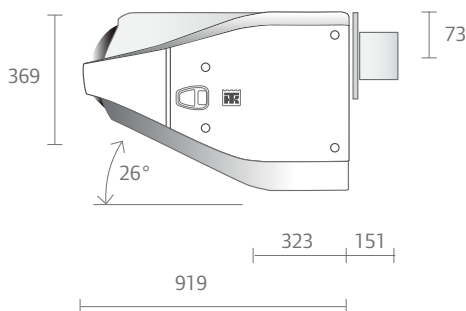
	8.5 m+	
	R-452A	
		6800 W
		12500 W
	3300 m ³ /h	
	6.4 m/s	
EMI (Extended Maintenance Interval)	2000 hrs	
		
 /N° Cylinder/cm ³	TK 376	 /3/1115
	X430 C5	
	7.5 kW	
Voltage/phase/frequency	400 V/3 ph/50 Hz 230 V/3 ph/50 Hz 230 V/3 ph/60 Hz	
	 460 kg*	
	 517 kg*	

* Whisper option = +17 kg



T-800R SPECTRUM

Self Powered Truck - Multi-Temperature

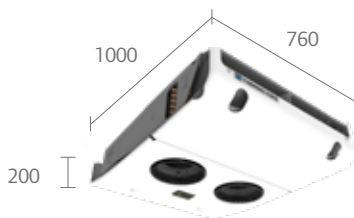


	6.5 m - 7.5 m
 R-452A 	
 30°C	 4000 W
	 8100 W
	S-2 = 1420 m ³ /h S-3 = 2350 m ³ /h
	S-2/S-3 = 9.5 m/s
EMI (Extended Maintenance Interval)	2000 hrs
	TruckSmartReefer3
 /N° Cylinder/cm ³	TK 370  /3/855
	X214
	4.5 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz 230 V/3 ph/50 Hz 230 V/3 ph/60 Hz
	 357 kg*  389 kg*

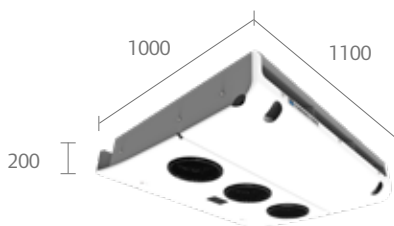
*Whisper option = +15 kg

T-800R SPECTRUM - continued

Self Powered Truck - Multi-Temperature



S-2 Evaporator



S-3 Evaporator



Multi-Temperature zone plans
Two-zone

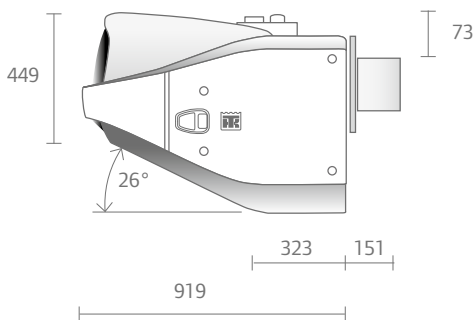
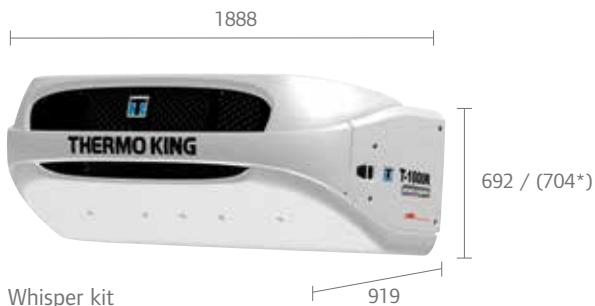


Host		Remote
A	T-800R SPECTRUM	S-2 + S-2
B	T-800R SPECTRUM	S-2 + S-3
C	T-800R SPECTRUM	S-3 + S-2
D	T-800R SPECTRUM	S-2 + S-2



T-1000R SPECTRUM

Self Powered Truck - Multi-Temperature



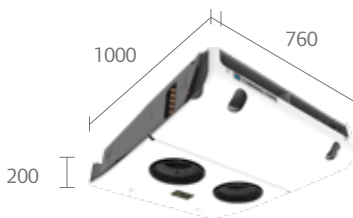
	7.5 m - 8.5 m
 R-452A 	
 30°C	 5800 W
	 10000 W
	S-2 = 1420 m ³ /h S-3 = 2350 m ³ /h
	S-2/S-3 = 9.5 m/s
EMI (Extended Maintenance Interval)	2000 hrs
	TruckSmartReefer3
 /N° Cylinder/cm ³	TK 376  3/1115
	X426C5
	7.5 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz 230 V/3 ph/50 Hz 230 V/3 ph/60 Hz
	 373 kg*  430 kg*

*Whisper option = +15 kg

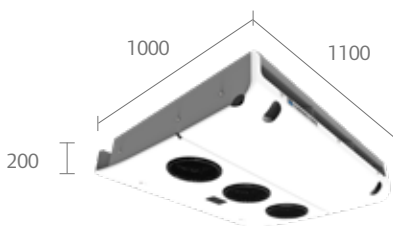


T-1000R SPECTRUM - continued

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



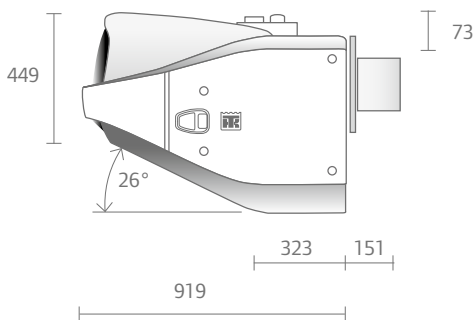
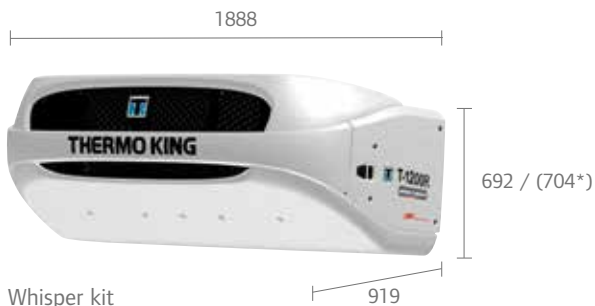
G

	Host	Remote
A	T-1000R SPECTRUM	S-3 + S-3
B	T-1000R SPECTRUM	S-2 + S-3
C	T-1000R SPECTRUM	S-4 + S-2
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



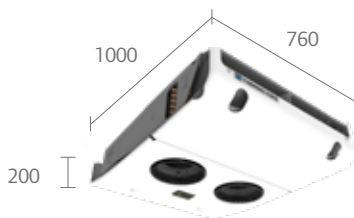
	8.5 m+		
	R-452A		R-452A REFRIGERANT
 30°C	 -20°C	7200 W	
	 0°C	11800 W	
	S-2 = 1420 m ³ /h S-3 = 2350 m ³ /h		
	S-2/S-3 = 9.5 m/s		
EMI (Extended Maintenance Interval)	2000 hrs		
			
 /N° Cylinder/cm ³	TK 376		3/1115
	X430C5		
	7.5 kW		
Voltage/phase/frequency	400 V/3 ph/50 Hz 230 V/3 ph/50 Hz 230 V/3 ph/60 Hz		
	 377 kg*		
	 436 kg*		

* Whisper option = + 17 kg

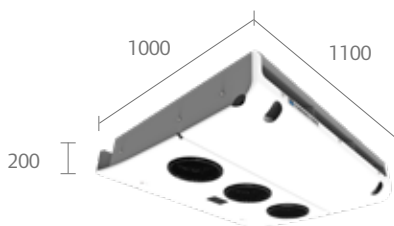


T-1200R SPECTRUM - continued

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



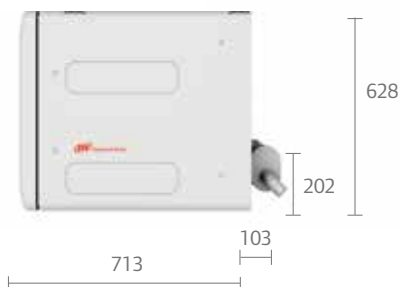
H

	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

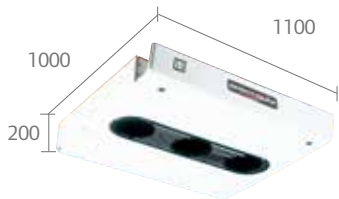
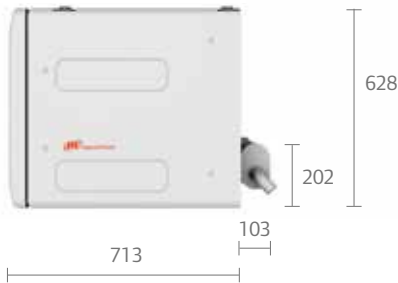


	6.5 m - 7.5 m	
	R-452A	
	ES-800	
 30°C		5400 W
		9400 W
	2640 m ³ /h	
	6.5 m/s	
EMI (Extended Maintenance Interval)	2000 hrs	
		
 /N° Cylinder/cm ³	TK376U	 /3/1115
	TK06 Scroll	
	7.5 kW	
Voltage/phase/frequency	400 V/3 ph/50 Hz 230 V/3 ph/50 HZ 230 V/3 ph/60 HZ	
	 493 kg	

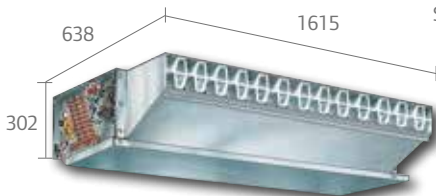


UT-1200

Self Powered Truck - Single-Temperature



S-3 Evaporator



E-type Evaporator

74

→ | mm | ←

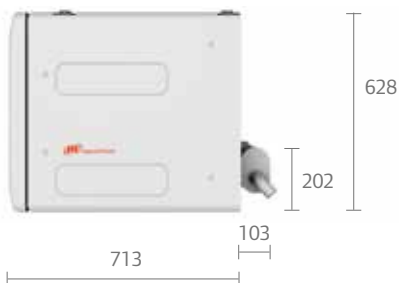


		7.5 m - 9 m+	
		R-452A	 R-452A REFRIGERANT
 30°C		S3 + S3	E-evap
		6600 W	6600 W
		11200 W	11400 W
		4700 m ³ /h	3350 m ³ /h
		9.5 m/s	6.6 m/s
EMI (Extended Maintenance Interval)		2000 hrs	
			
 /N° Cylinder/cm ³		TK 376U 	3/1115
		TKO6 Scroll	
		7.5 kW	
Voltage/phase/frequency		400 V/3 ph/50 Hz 230 V/3 ph/60 HZ	
		 495 kg	



UT SPECTRUM

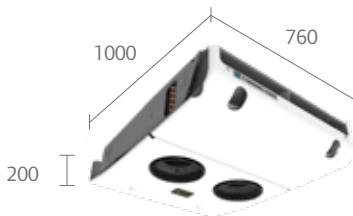
Self Powered Truck - Multi-Temperature



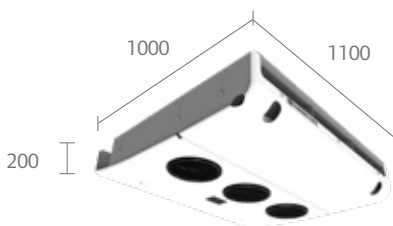
	7.5 m - 9 m+	
	R-452A	
 30°C		S-3 + S-3 S-3 + S-3 + S-2
		6050 W
		10550 W
		S-2 = 1420 m ³ /hr S-3 = 2350 m ³ /hr
		S-2 = 9.5 m/s S-3 = 9.5 m/s
EMI (Extended Maintenance Interval)	2000 hrs	
		
 /N° Cylinder/cm ³	TK 376U	 3/1115
	TK06 Scroll	
	14.6 kW	
Voltage/phase/frequency	200 V/3 ph/60 Hz 230 V/3 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



I



J

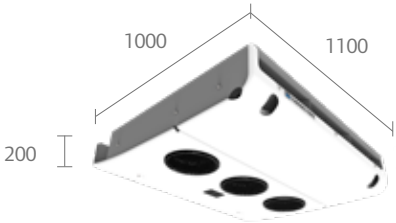
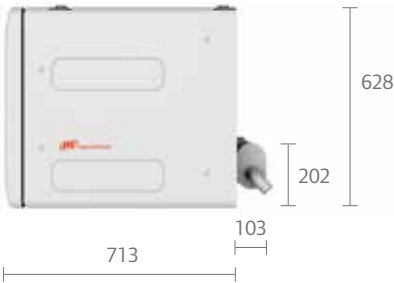
	Host	Remote
A*	UT SPECTRUM	S-2 + S-3
B	UT SPECTRUM	S-3 + S-3
C*	UT SPECTRUM	S-2 + S-3
D	UT SPECTRUM	S-3 + S-3
E*	UT SPECTRUM	S-2 + S-3 + S-3
F*	UT SPECTRUM	S-2 + S-2 + S-3
G*	UT SPECTRUM	S-2 + S-3 + S-3
H*	UT SPECTRUM	S-2 + S-2 + S-3
I	UT SPECTRUM	S-4 + S-4
J*	UT SPECTRUM	S-4 + S-2 + S-2

* Limitations on zone with S-2 Evaporator: -21°C



UT XTREME^{HIGH} AMBIENT

Self Powered Truck - for High Ambients



S-3 Evaporator



		5 m - 7.5 m	
		R-134a	
 55°C		E-evap	S3 + S3
		6700 W	6700 W
		11500 W	11500 W
 30°C		7500 W	7500 W
		3350 m³/h	3960 m³/h
		6.6 m/s	9.3 m/s
EMI (Extended Maintenance Interval)		2000 hrs	
			
 /N° Cylinder/cm³		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 

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) 1000 hour*
EMI (Extended Maintenance Interval) 2000 hour*
TK Battery - EnergyOne Silver (Wet Cells 640 CCA)
TK Battery - EnergyOne Gold (Wet Cells 760 CCA)
TK Battery - EnergyOne Platinum (AGM 880 CCA)
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
Standard in-cab display
Heater bar kit
Water heater - (T-600R/T-800R only)
CUSTOMISATION
Premium in-cab display
Whisper kit acoustic
Evaporator guard
Rear remote control
Body mount enclosure
Fuel tank plastic 90L
Safeguard / LVD (Low Voltage Disconnect) 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
ThermoLite™ Solar Panel



T-560R	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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○ Not available
△ Option: factory supplied

● Standard feature
▲ Option: dealer fitted





CRYOTECH

CT-10 / CT-10 SPECTRUM	86
CT-15 / CT-15 SPECTRUM	88

CT-10 / CT-10 SPECTRUM

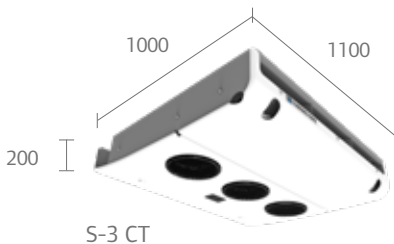


CryoTech Truck

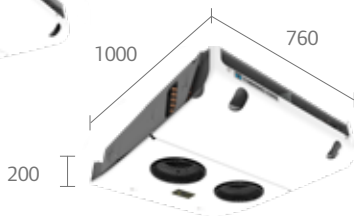
Single and Multi-Temperature



Electric Control Module



S-3 CT



S-2 CT



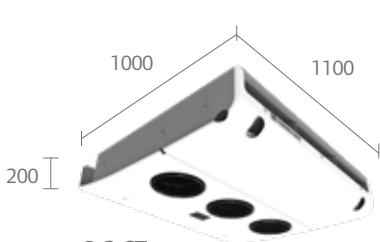
Tank



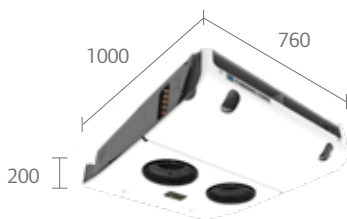
		up to 9 m	
 30°C			Capacity per evaporator in pull down conditions
	S-2 CT - 5200 W S-3 CT - 7800 W		
			S-2 CT - 5800 W S-3 CT - 8800 W
		5650 W - 6850 W	
		Airflow per evaporator 1360 - 2040 m³/h	
			
		49 kg 	
		330 L	430 L
		 171 kg	207 kg
		 +CO ₂ 544 kg	696 kg
Voltage/phase/frequency		400 V/3 ph/50 Hz 230 V/3 ph/50 Hz	

CT-15/CT-15 SPECTRUM

CryoTech Trailer - Single and Multi-Temperature



S-3 CT



S-2 CT



Electric Control Module



Rear Remote Control



Tank



		up to 13 m
	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 m³/h
		
		145 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

- 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

Also available in Hybrid

SLXi-200	92
SLXi-300	94
SLXi-400	96
SLXi-300 WHISPER™ PRO	98
SLXi SPECTRUM	100
SLXi-SPECTRUM WHISPER™ PRO	104
Features and options	106

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
	
 /N° Cylinder/cm ³	TK 486V  /4/2100
	X430 C5
	9.3 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz
	 737 kg*
	 793 kg*

* Whisper option = + 85 kg

SLXi-300

Trailer - Single-Temperature



	15 m
 R-452A 	
 30°C	 7900 W
	 15000 W
	5000 m ³ /h
	14 m/s
EMI (Extended Maintenance Interval)	3000 hrs
	
 /N° Cylinder/cm ³	TK 486V  /4/2100
	X430 C5
	9.3 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz
	 737 kg*  793 kg*

* Whisper option = + 85 kg



SLXi-400

Trailer - Single-Temperature



	16 m
 R-452A 	
 30°C	 10000 W
	 18700 W
	5500 m ³ /h
	16 m/s
EMI (Extended Maintenance Interval)	3000 hrs
	
 /N° Cylinder/cm ³	TK 486V  /4/2100
	X430 C5
	9.3 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz
	 737 kg*  792 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 m³/h	
		14 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 460 V/3 ph/60Hz*	
		 822 kg  878 kg	
Noise		High speed 66 dbA	PIEK Mode 60 dbA

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

SLXi SPECTRUM

Trailer - Multi-Temperature

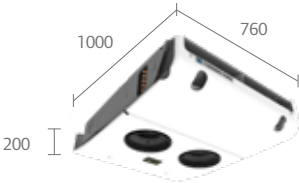


	15 m
 R-452A 	
	 9000 W
	 19100 W
	5000 m ³ /h
	15 m/s
EMI (Extended Maintenance Interval)	3000 hrs
	
 /N° Cylinder/cm ³	TK 486V  /4/2100
	X430 C5
	9.3 kW
Voltage/phase/frequency	400 V/3 ph/50 Hz
	 759 kg*
	 814 kg*

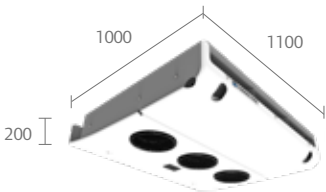
* Whisper option = + 85 kg

SLXi SPECTRUM - continued

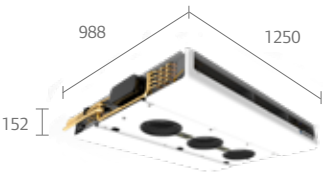
Trailer - Multi-Temperature



S-2 Evaporator 



S-3 Evaporator 



S-4.2 Evaporator 



Multi-Temperature zone plans

Two-zone



A or B



C1 or E



C2



D



G or I



H or J

Three-zone



M, N or O



P1 or Q



P2



P3



R



U

	Host	Remote
A	SLXi SPECTRUM 2	S-2
B	SLXi SPECTRUM 2	S-3
C1	SLXi SPECTRUM 2	S-2 + S-2
C2	SLXi SPECTRUM 2	S-4.2
D	SLXi SPECTRUM 2	S-2 + S-3
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
P1	SLXi SPECTRUM 3	S-2(x2) + S-3
P2	SLXi SPECTRUM 3	S-4.2 + S-3
P3	SLXi SPECTRUM 3	S-4.2 + S-4.2
Q	SLXi SPECTRUM 3	S-3(x2) + S-3
R	SLXi SPECTRUM 3	S-2 + S-2
U	SLXi SPECTRUM 3	S-2 + S-3

SLXi SPECTRUM WHISPER™ PRO

Trailer - Multi-Temperature



		15 m	
		R-452A	
 30°C		High Speed 9000 W	PIEK Mode 5800 W
		18300W	12400 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/50Hz	
		 844 kg  900 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
TK Battery - EnergyOne Silver (Wet Cells 640 CCA)
TK Battery - EnergyOne Gold (Wet Cells 760 CCA)
TK Battery - EnergyOne Platinum (AGM 880 CCA)
DATA MONITORING MANAGEMENT
TouchPrint Data logger
TouchPrint Printer
ServiceWatch maintenance logger
TracKing: 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
ThermoLite™ Solar Panel
Snow Kit - dealer fitted
Tail lift Battery Charger
Whisper kit acoustic
Fuel Tank (Plastic 230L or Aluminium 190L)
Evaporator Guard
Protection bars





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