



PharmaSolutions

GDP compliant

A photograph of a female pharmacist with long brown hair, wearing a white lab coat, smiling as she hands a white box to a customer. In the background, another pharmacist is visible, and shelves are stocked with various pharmaceutical products.

TK PharmaSolutions
Product overview

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GDP Qualified Equipment

Product overview



Fully GDP-compliant pharmaceutical transport

Most medical and biological products must be strictly temperature controlled at every stage of manufacture and distribution. Failure to do so not only risks the loss of an extremely high-value cargo but can also jeopardize public health and patient safety. Because of the special needs of this sector, Thermo King established TK PharmaSolutions, a platform of applications and services that addresses the precise needs of the industry.

Within TK PharmaSolutions, Thermo King developed a Good Distribution Practice (GDP) protocol with supervision and validation by independent specialists serving the pharmaceutical industry. This follows EU guidelines to cover design, installation, operation and performance qualification.

Our real-time tracking and remote monitoring system TrackKing™ enables detection of temperature deviations and allows immediate action to secure the load. TrackKing™ is now GAMP5 validated.

Thermo King's PharmaAssist service contract helps the customer to better manage risk throughout the life of the equipment. Services include annual calibration, preventative maintenance, priority breakdown assistance and access to the iKare portal for full documentation.

Highly qualified Dealer Network with dedicated pharma responsible persons and certified technicians trained on GDP are available at each dealership.

For more information on TK PharmaSolutions, visit europe.thermoking.com





Trailer*1*2

	SLXi-300	SLXi-400	SLXi SPECTRUM S3	SLXi SPECTRUM S6
K factor				
	FRC body	FRC body	FRC body	FRC body
Max body size				
	13.6 m	13.6 m	13.6 m	13.6 m
Refrigerant				
	R-404A R-452A	R-404A R-452A	R-404A R-452A	R-404A R-452A
Inside temperature range				
+15°C +25°C	OK	OK	OK	OK
+2°C +8°C	OK	OK	OK	OK
-20°C	OK	OK	OK	OK
Ambient temperature range				
Tested at	-30°C +40°C	-30°C +40°C	-30°C +40°C	-30°C +40°C

*1 TK PharmaSolutions are available for selected supports of older equipment including: SLXe, SLXe SPECTRUM PTC and SLX SPECTRUM ETV.

*2 The following options are available: Air Chute, Dac Kit and Door switch.



Self-Powered Truck

	T-1200R Intermodal	T-1200R 50	T-1000R 50
K factor			
	FRC body	FRC body	FRC body
Max body size			
	13.6 m	58 m ³	48 m ³
Refrigerant			
	R-404A	R-404A R-452A	R-404A R-452A
Inside temperature range			
+15°C +25°C	OK	OK	OK
+2°C +8°C	OK	OK	OK
-20°C	OK	OK	OK
Ambient temperature range			
Tested at	-30°C +40°C	-30°C +40°C	-30°C +40°C



Direct Drive*

	V-200s MAX	B-100 30	V-300 MAX SPECTRUM	V-500 MAX SPECTRUM
K factor				
	FRC	FRC	FRC/FNA	FRC
Max body size				
	9 m ³	4 m ³	14 m ³ 19 m ³	19 m ³
Refrigerant				
	R-404A R-452A	R-134a	R-404A R-452A	R-404A R-452A
Inside temperature range				
+15°C +25°C	OK	OK	OK	OK
+2°C +8°C	OK	OK	OK	OK
-20°C	OK	NOT APPLICABLE	OK	OK
Ambient temperature range				
Tested at	-30°C +40°C	-30°C +50°C	-30°C +40°C	-30°C +40°C

* The following options are available: Pharma software, Door switch, TracKing and Thermal curtains.



ColdCube Pharma

	140 L	330 L	915 L
K factor			
	FRC*	FRC*	FRC
Max body size			
	140 L	330 L	915 L
Refrigerant			
	R-134a	R-134a	R-404A
Inside temperature range			
+15°C +25°C	OK	OK	OK
+2°C +8°C	OK	OK	OK
-20°C	OK	OK	OK
Ambient temperature range			
Tested at	-30°C +40°C	-30°C +40°C	-30°C +40°C

*Insulation is better than ATP FRC (0.4k/W), but ATP not required for this unit



Marine

	Magnum+
K factor	FRC*
Max body size	68 m ³
Refrigerant	R-404A R-452A
Inside temperature range	
+15°C +25°C	OK
+2°C +8°C	OK
-20°C	OK
-30°C	OK
Ambient temperature range	
Tested at	-30°C +50°C

*Insulation is better than ATP FRC (0.4k/W), but ATP not required for this unit



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