



V-700 MAX SPECTRUM

Truck refrigeration units
Multi-temperature

IMPORTANT NOTE

This is an interactive PDF. The home button brings you back to this page.

- *Extension of the V-700 MAX platform to multi-temp applications*
- *Complete reversible system for fresh, frozen and deep-frozen applications*
- *Transversal and longitudinal compartments*
- *Temperature accuracy*
- *Heating capability*
- *Environmentally friendly*
- *Low noise*





V-700 MAX SPECTRUM Specifications

This V-700 MAX SPECTRUM unit completes the Thermo King multi-temp application offering. It is suitable for bodies up to 7 metres in length. It is designed to meet the requirements of two-compartment boxes in the distribution sector and is suitable for transversal and longitudinal compartment configurations alike.



System components

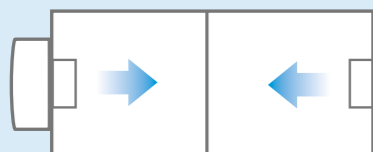
- Condenser
- Reciprocating road compressor
- Installation kit
- In-cab control box
- Vehicle drive kits (on request)
- Evaporator configurations available:
 - ES 400 MAX + ES 400 MAX
 - ES 500 MAX + ES 150 MAX
 - ES 500 MAX + 2 x ES 500 MAX

Individual Evaporators		ES 400 MAX		ES 500 MAX		ES 150 MAX		2 x ES 150 MAX	
Refrigeration capacity: individual cooling capacity at 30°C ambient temperature under ATP conditions									
Return air to evaporator		0°C	-20°C	0°C	-20°C	0°C	-20°C	0°C	-20°C
Capacity on engine power	W	5055	2872	5570	2930	3700	2135	4900	2680
Capacity on electric stand-by	W	4850	2694	5248	2775	3575	2027	4650	2520
Evaporator fan performance									
Airflow volume @ 0 Pa static pressure	m ³ /h	1450 (855 cu ft/min)		2400 (1415 cu ft/min)		790 (465 cu. ft/min)		1580 (930 cu. ft/min)	
Weight*									
	kg	7.5		25.5		12.5		25	

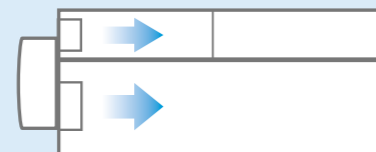
*All weights shown are without refrigerant

Evaporator Configuration Possibilities:

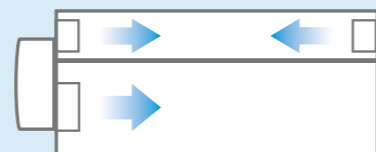
ES 400 MAX + ES 400 MAX



ES 500 MAX + ES 150 MAX



ES 500 MAX + 2x ES 150 MAX

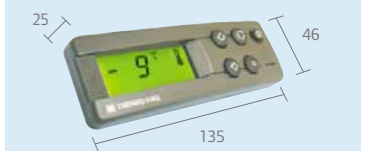


Specifications		V-700 SPECTRUM		V-700 SPECTRUM		V-700 SPECTRUM	
		ES 400 MAX + ES 400 MAX		ES 500 MAX + ES 150 MAX		ES 500 MAX + 2 x ES 150 MAX	
Refrigeration capacity: total nominal cooling capacity at 30°C ambient temperature under ATP conditions for each configuration							
Return air to evaporator		0°C	-20°C	0°	-20°C	0°C	-20°C
Capacity on engine power	W	7265	3707	6670	3305	6670	3305
Capacity on electric stand-by	W	6497	3336	5968	3078	5968	3078
Compressor: MAX recommended speed 3000 rpm							
Model		TK-315R - reciprocating					
Displacement	cc	226 cm ³					
Number of cylinders		3					
Electric motors							
DC voltage options		24 Vdc					
Electric stand-by options		400V/3 Phase/50 Hz 230V/3 Phase/50 Hz					
Total stand-by current consumption		400V/3 Phase/50 Hz: 11.9 A 230V/3 Phase/50 Hz: 20.6 A					
Defrost							
		Automatic hot gas defrost					

Specifications are subject to change without notice.

V-700 MAX SPECTRUM

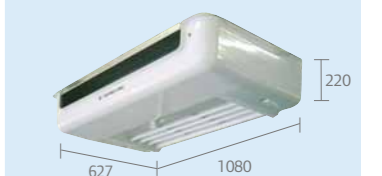
Dimensions: millimetres



Direct Smart Reefer (DSR)



ES 150 MAX Evaporator



ES 400 MAX Evaporator



ES 500 MAX Evaporator

Weight (approximate):

Condenser:	
Without electric stand-by	100 kg
With electric stand-by	160 kg
Reciprocating compressor:	15 kg

Warranty Summary

Terms of the Thermo King Express Warranty are available on request. The unit and its components are warranted to be free from defects in material and workmanship from date in service according to the terms (in months) as specified in the Thermo King Express Warranty. Manufacturer is not responsible and will not be held liable in contract or tort (including strict liability and negligence) for any special, indirect or consequential damages including but not limited to injury or damage caused to vehicles, contents or persons, by reason of the installation or use of any Thermo King product or its mechanical failure.



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For further information please contact:

Ingersoll Rand Alma Court Building - Lenneke Marelaan 6, B-1932 Sint-Stevens-Woluwe, Belgium.

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