

# T-1200R WHISPER™ PRO

— PIEK certified, ultra quiet —



SINGLE AND MULTI-TEMPERATURE SELF-POWERED  
REFRIGERATION SYSTEMS FOR TRUCKS

# Introducing the T-1200R Whisper™ Pro

THE PIEK-CERTIFIED TRUCK REFRIGERATION UNIT THAT  
LIMITS YOUR INNER-CITY NOISE AND CARBON EMISSIONS.

## CONTENT

T-1200R Whisper™ Pro	2
Ultra quiet. Extra chilled.	4
Specifications	6

**The ultra-quiet T-1200R Whisper™ Pro refrigeration unit for trucks with boxes up to 10 m in length lets you make deliveries to your inner-city customers anytime, whilst keeping your cargo at exactly the right temperature.**

**Powerful and efficient, the unit uses telematics to automatically switch to low-noise mode whenever you enter low emission zones. And it makes the most of high-speed mode too, with high capacity for fast box temperature pulldown to maximise your uptime on the road.**

**HIGH COOLING CAPACITY, LOW NOISE, AND TELEMATICS THAT DO THE THINKING FOR YOU.**





# Ultra quiet. Extra chilled.

Thermo King brings you their highest cooling capacity unit, with added intelligence to limit noise and carbon emissions in low emission zones.

## ULTRA-QUIET DELIVERIES

- No more inner-city schedule restrictions
- PIEK certified for operation in low-speed diesel mode
  - Quiet deliveries for happy customers and happy drivers



## MAXIMUM UPTIME

- Class-leading cooling capacity means more time on the road
- Use diesel engine high-speed mode for pre-trip preparations
  - Maximized cooling capacity in high-speed mode for the fastest pull-down

## CONNECTIVITY FITTED AS STANDARD

Included in the purchase price is the hardware and software you need to get the service up and running from day one, as well as a 2-year contract that includes:

- Access to the TracKing telematics platform
- Access to Connected Solutions mobile apps (TK Reefer and TK Notify)
- Data sharing with external platforms
- All SMS and roaming costs
- Two-way command capabilities





**RELIABLE AND PRECISE TEMPERATURE CONTROL**

Safely transport cargos at different temperatures

- Operate at one constant single temperature or in 2 to 3 different (multi-temperature) zones
- Choose your cool zone locations for added convenience
- Proven reliability of Thermo King technology

**TELEMATICS THAT THINK FOR YOU**

Geofencing recognizes low-emission zone locations. The unit reacts by:


- Automatically switching to PIEK mode
- The hybrid model switches to electric-drive mode (when power is available from the truck - electric mode not PIEK certified)

**LOW EMISSIONS TECHNOLOGY**

Aligned with the most stringent emissions regulations:

- NRMM Stage-V compliant Greentech™ technology
- Diesel model compatible with HVO and biofuels, plus hybrid option to further reduce emissions
- Automatic switch to low-speed mode to minimize noise and carbon emissions in LEZs
- Low weight means less fuel consumed overall

# Specifications

SPECIFICATIONS		T-1200R WHISPER™ PRO (S-3 + S-3)		T-1200R SPECTRUM WHISPER™ PRO		
<b>REFRIGERATION CAPACITY: SYSTEM NET COOLING CAPACITY AT 30 °C AMBIENT TEMPERATURE UNDER ATP CONDITIONS</b>						
RETURN AIR TO EVAPORATOR		0 °C	-20 °C		0 °C	-20 °C
				<b>NOMINAL</b>	<b>11500</b>	<b>7000</b>
CAPACITY ON ENGINE POWER (HIGH-SPEED)	W	11800	6600	S-2	6350	3700
				S-3	7950	4650
				S-4.2	8900	5100
				S-4	10100	5700
CAPACITY ON ENGINE POWER (LOW-SPEED, PIEK)	W	4900	3750	S-2	5000	2900
				S-3	5250	3300
				S-4.2	5050	3500
				S-4	5000	3350
CAPACITY ON ELECTRIC STAND-BY	W	8200	5200	S-2	5800	3350
				S-3	7000	3950
				S-4.2	7750	4300
				S-4	8200	4400
<b>SOUND PRESSURE LEVEL</b>		<b>PIEK STANDARD @7.5M / DIN 8958 STANDARD @7M</b>				
ENGINE HIGH-SPEED	dB(A)	66.0 / 64.4				
ENGINE LOW-SPEED (PIEK)	dB(A)	62.0 / 56.0				
ELECTRIC STANDBY	dB(A)	- / 59.3				
<b>AIRFLOW ON HIGH-SPEED ENGINE OPERATION</b>						
AIRFLOW VOLUME @ OPA STATIC PRESSURE	m³/h	4700		S-2	1420	
				S-3	2350	
				S-4.2	2550	
				S-4	2840	
<b>WEIGHT INCLUDING EVAPORATOR</b>						
HOST ONLY (INCLUDING BATTERY)	kg	483		483		
REMOTE EVAPS	kg	104		S-2	43	
				S-3	52	
				S-4.2	54	
				S-4	86	
<b>ENGINE: LOW EMISSIONS, NRMM STAGE V COMPLIANT, 3 CYLINDER, LIQUID COOLED</b>						
MODEL		TK 376 				
RATING	kW	14.6				
MAINTENANCE INTERVAL	hrs	2000				
<b>COMPRESSOR: LIGHTWEIGHT ALUMINIUM ALLOY</b>						
MODEL		X430 C5				
DISPLACEMENT	cc	492				
<b>ELECTRIC STANDBY OPTION</b>						
VOLTAGE / PHASE / FREQUENCY	V/Ph/Hz	400V/3Ph/50Hz 230V/3Ph/50Hz 230V/3Ph/60Hz				
RATING	kW	7.5				
<b>REFRIGERANT: R-452A, FUTURE PROOF COMPLIANCE WITH F-GAS REGULATIONS (2020 REVISION)</b>						
CHARGE*	kg	6.25*		6.75*		

\* ACTUAL CHARGE REQUIRED FOR SPECTRUM UNITS IS DEPENDENT OF INSTALLATION LAYOUT AND CONFIGURATION. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Thermo King warrants the new product delivered will be free of defects in material and workmanship for the period of time specified in the applicable warranties. Specific terms of the Thermo King warranty are available on request.



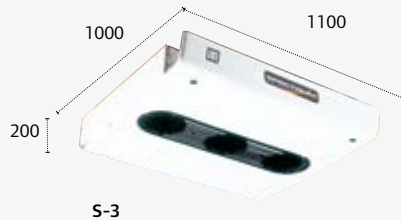
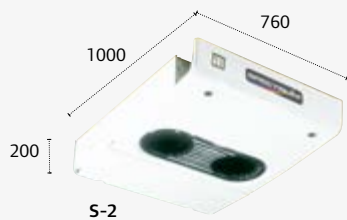
# Dimensions

## CONDENSER UNITS



T-1200R WHISPER™ PRO/  
T-1200R SPECTRUM WHISPER™ PRO

## EVAPORATORS



Units in millimetres.

All remote evaporators can be further recessed in the box ceiling by a max of 25mm for even slimmer evaporator profile.

OUR DEALER SERVICE NETWORK.  
ANYTIME. ANYWHERE. ALWAYS THERE.

## CONTACT YOUR NEAREST DEALER

The Thermo King dealer network boasts over **500 authorized service points** in **75 countries** that are **open and available 24/7**.





Thermo King – by Trane Technologies (NYSE: TT), a global climate innovator – is a worldwide leader in sustainable transport temperature control solutions. Thermo King has been providing transport temperature control solutions for a variety of applications, including trailers, truck bodies, buses, air, shipboard containers and railway cars since 1938.

For further information  
[europe.thermoking.com](https://europe.thermoking.com)

Find your nearest dealer on  
[dealers.thermoking.com](https://dealers.thermoking.com)

