



ColdCube™

Flexible cooling solutions

MOBILE REFRIGERATED CONTAINERS
FOR LAST MILE DELIVERIES AND PHARMACEUTICAL APPLICATIONS



TRANE
TECHNOLOGIES

Flexible cooling solutions

Portable and mobile refrigeration

Increase the flexibility of your fleet by extending your transport options with Thermo King ColdCube™ containers. Perfectly sized for small vans, trucks, and trailers, these fully connected and portable units offer extremely precise heating, cooling, and freezing solutions for all applications, including pharma and last mile deliveries. With freezing, cooling and heating options available, ColdCube™ can be quickly combined with dry good transport for an easy answer to peak demand – while meeting all regulations.

PHARMA LOGISTICS AND PACKAGING

- Biomedical product transport
- PharmaSolutions certification for Good Distribution Practice (GDP) compliance
- Can be combined in a PharmaKare service contract customized to your transportation needs

PHARMA LAST-MILE DISTRIBUTION

- Ideal for transportation from distribution hubs centers to pharmacies and from wholesalers direct to patients
- PharmaSolutions certification for Good Distribution Practice (GDP) compliance

LAST MILE DELIVERIES

- Optimize smaller load refrigeration by combining it with non-refrigerated products in vans, trucks, and trailers.

RENTAL AND LEASING OPTION

- Useful during peak distribution periods
- Lower cost and flexible multi-temperature solution



Features

Thermo King's ColdCubes™ have undergone years of extensive researching and testing, ensuring unmatched reliability, operating economy, and performance, even in the harshest conditions.

FLEXIBLE FREEZING (FDN), COOLING (NDN) AND HEATING (NDH)

- 3 temperature settings:
 - Freezing (min. > -21°C, and -24°C for models featuring a new compressor)
 - Cooling (> +0°C)
 - Cooling and heating (+30°C to +0°C)
- Versatile to suit different applications and cargos
- Precision temperature control up to 1°C stability within the cargo space for NDH models
- Reliable heating and cooling in all ambient conditions
- Homogeneous air flow distribution

SUSTAINABILITY

- Refrigerant gas R134a, R404A or R452A (depending on the model)
- High quality insulation up to 130mm thick

CERTIFICATIONS

- GDP and ATP certifications for all sizes (GDP certifications from June 2025)
- Certified for CE, TUV, and ATP (FRCX, FRAX, and BRBX class depending on the model)
- 2 years warranty on parts and labor

ADAPTED TO YOUR NEEDS

- Multiple standard configurations
- For operations and efficiency improvement

DURABLE AND LIGHTWEIGHT

- One-piece construction for robustness, strength, and lightness
- Lighter than assembled containers
- Constructed from food-grade materials for hygienic operation and easy cleaning
- Easy to move with integrated handles and transport accessory kits

CONNECTIVITY AND VISIBILITY

- Bluetooth turns your mobile device into a wireless user interface
- Precise temperature set-point control
- Easy viewing of temperature and status without opening the ColdCube™
- Use TouchLog to connect with TrackIng and TK Reefer for real-time visibility of your cargo



Range

Which ColdCube™ is right for you?

POWER SUPPLY

Vehicle-powered

Refrigeration is powered by the vehicle's battery and includes an integrated power disconnecter to prevent discharging the vehicle's battery.

Battery-powered

The onboard battery maintains cooling or heating for up to 12 hours (1 battery) or 99 hours of autonomy (thanks to different battery types). Easy to recharge at any 115 or 230V AC outlet (only for 720L and 760L in cooling & heating).

Hybrid-powered

Refrigeration is powered by both the vehicle's battery and onboard battery power (only for 720L and 760L models and 720L and 760L models in cooling & heating).

Choose your ColdCube™

WHICH COLDCUBE™ CONFIGURATION WORKS BEST FOR YOU?

Our selection guide shows you the model best suited for your vehicle. Contact your Thermo King Dealer to select the best model and upgrades to suit your needs.

The COLDfigurator is available to help select the right Coldcube and its options and accessories.



Find your nearest dealer on dealers.thermoking.com



ColdCube™ models & shapes

We offer 6 models in total, all featuring front-opening doors.

HORIZONTAL MODELS

- 140L
- 330L
- 720L
- 1020L

NEW

VERTICAL MODELS

- 565L
- 760L

Maximize space and load capacity with flexible interior configurations:

- Fit to use up to three vertical models in parallel,
- Fill entire space with 720L models, designed to fit perfectly in all new Stellantis electric compact vehicles.
- The new 1020L model is the largest in the range with three temperature options and a new controller.



Horizontal Range

CHOOSE FROM A RANGE OF FREEZING, COOLING & HEATING UNITS IN A VARIETY OF SIZES



SIZE	DESCRIPTION	POWER SOURCE	TEMPERATURE RANGE	W/ ATP ATTESTATION	TOUCHLOG	TK PN	ATP	EXTERNAL DIMENSIONS (MM)
140L	ColdCube 140L FDN 12/24V	Vehicle-Powered	>-21°C	×	×	6100241	-	620 x 1 000 x 710
		Vehicle-Powered	>-21°C	✓	×	6100268	FRCX	
		Battery-Powered 110 Ah	>-21°C	×	×	6100316	-	
	ColdCube 140L NDH 12V	Vehicle-Powered	+30°C to +0°C	×	×	6100266	-	
		Vehicle-Powered	+30°C to +0°C	✓	×	6100267	BRBX	
		Battery-Powered 60 Ah	+30°C to +0°C	×	×	6100315	-	
	ColdCube 140L NDN 12/24V	Vehicle-Powered	>+0°C	×	×	6100239	-	
		Vehicle-Powered	>+0°C	✓	×	6100265	FRAX	
		Battery-Powered 60 Ah	>+0°C	×	×	6100314	-	
330L	ColdCube 330L FDN 12/24V	Vehicle-Powered	>-24°C	×	×	6100310	-	1 000 X 1 020 X 910
		Vehicle-Powered	>-24°C	✓	×	6100311	FRCX	
		Battery-Powered	>-24°C	×	×	6100312	-	
		Battery-Powered	>-24°C	✓	×	6100313	FRCX	
	ColdCube 330L NDH 12V	Vehicle-Powered	+30°C to +0°C	×	×	6100270	-	
		Vehicle-Powered	+30°C to +0°C	✓	×	6100271	BRBX	
	ColdCube 330L NDN 12/24V	Vehicle-Powered	>+0°C	×	×	6100243	-	
		Vehicle-Powered	>+0°C	✓	×	6100269	FRAX	
720L	ColdCube 720L FDN 12V	Vehicle-Powered	>-21°C	×	×	6100249	-	1 100 X 1 400 X 1 100
		Vehicle-Powered	>-21°C	✓	×	6100277	FRCX	
		Vehicle-Powered	>-21°C	✓	✓	6100278	FRCX	
	ColdCube 720L NDH 12V	Vehicle-Powered	+30°C to +0°C	×	×	6100274	-	
		Vehicle-Powered	+30°C to +0°C	✓	×	6100275	BRBX	
		Vehicle-Powered	+30°C to +0°C	✓	✓	6100276	BRBX	
		Battery-Powered	+30°C to +0°C	✓	✓	6100279	BRBX	
		Vehicle- & Battery-Powered	+30°C to +0°C	✓	✓	6100280	BRBX	
		Vehicle-Powered	>+0°C	×	×	6100247	-	
	ColdCube 720L NDN 12/24V	Vehicle-Powered	>+0°C	✓	×	6100273	FRAX	
1020L	ColdCube 1020L FDN 12V	Vehicle-Powered	>-24°C	×	×	6100304	FRCX	1 200 X 1 750 X 1 180
		Vehicle-Powered	>-24°C	✓	×	6100305	FRCX	
		Vehicle-Powered	>-24°C	✓	✓	6100306	FRCX	
		Battery-Powered	>-24°C	✓	✓	6100309	FRCX	
	ColdCube 1020L NDH 12V	Vehicle-Powered	+30°C to +0°C	×	×	6100301	BRBX	
		Vehicle-Powered	+30°C to +0°C	✓	×	6100302	BRBX	
		Vehicle-Powered	+30°C to +0°C	✓	✓	6100303	BRBX	
		Battery-Powered	+30°C to +0°C	✓	✓	6100308	BRBX	
		Vehicle-Powered	>+0°C	×	×	6100299	FRAX	
	ColdCube 1020L NDN 12/24V	Vehicle-Powered	>+0°C	✓	×	6100300	FRAX	
		Battery-Powered	>+0°C	✓	✓	6100307	FRAX	

Dimensions: width x length x height

Vertical Range

CHOOSE FROM A RANGE OF FREEZING, COOLING & HEATING UNITS IN A VARIETY OF SIZES



SIZE	DESCRIPTION	POWER SOURCE	TEMPERATURE RANGE	W/ ATP ATTESTATION	TOUCHLOG	TK PN	ATP	EXTERNAL DIMENSIONS (MM)
565L	ColdCube 565 FDN 12V	Vehicle-Powered	down to -21°C	×	×	6100284		725 X1220 X1650
		Vehicle-Powered	down to -21°C	✓	×	6100285	FRCX	
		Vehicle-Powered	down to -21°C	✓	✓	6100286	FRCX	
	ColdCube 565 NDH 12V	Vehicle-Powered	from +30°C to +0°C	×	×	6100281		
		Vehicle-Powered	from +30°C to +0°C	✓	×	6100282	BRBX	
		Vehicle-Powered	from +30°C to +0°C	✓	✓	6100283	BRBX	
	ColdCube 565 NDN 12/24V	Vehicle-Powered	down to +0°C	×	×	6100295		
		Vehicle-Powered	down to +0°C	✓	×	6100296	FRAX	
760L	ColdCube 760 FDN 12V	Vehicle-Powered	down to -21°C	×	×	6100290		820 X1420 X1580
		Vehicle-Powered	down to -21°C	✓	×	6100291	FRCX	
		Vehicle-Powered	down to -21°C	✓	✓	6100292	FRCX	
	ColdCube 760 NDH 12V	Vehicle-Powered	from +30°C to +0°C	×	×	6100287		
		Vehicle-Powered	from +30°C to +0°C	✓	×	6100288	BRBX	
		Vehicle-Powered	from +30°C to +0°C	✓	✓	6100289	BRBX	
		Battery-Powered	from +30°C to +0°C	✓	✓	6100293	BRBX	
		Vehicle- & Battery-Powered	from +30°C to +0°C	✓	✓	6100294	BRBX	
	ColdCube 760 NDN 12/24V	Vehicle-Powered	down to +0°C	×	×	6100297		
		Vehicle-Powered	down to +0°C	✓	×	6100298	FRAX	

Dimensions: width x length x height



COLDCUBE™

TK PharmaSolutions



Manage risks during pharmaceutical transport with ColdCube™ and TK PharmaSolutions.

The quality and reliability of pharmaceutical product shipments is critical for maintaining the quality and effectiveness of medicines. TK PharmaSolutions, Thermo King's comprehensive and dedicated expertise platform, addresses the precise needs of the pharmaceutical industry by delivering application know-how, Good Distribution Practice (GDP) compliance, and a broad spectrum of services.

- GDP QUALIFIED AND VALIDATED EQUIPMENT:

ColdCube™ delivers precise temperature control and is fully compliant with GDP guidelines for pharmaceutical transport.

- GDP PROTOCOL:

TK PharmaSolutions follows the European Medicine Agency's GDP guidelines to ensure that high product quality is maintained throughout the distribution chain.

- 24/7 FLEET MONITORING:

Shipments are tracked and traced in real-time to reduce the risk of damage, loss of quality, and wastage of high value medical and biological products.

Performance-enhancing services & solutions

MAX
YOUR
COOL

COLDCUBE™

Maximize uptime, sustainability, savings, and control with Thermo King's smart services and digital solutions. Keep your unit performance up and worries down, all day, every day.

LOOKING FOR YOUR MAX?

Thermo King's certified dealers are at your service across Europe 24/7 thanks to our extensive network. Visit our website to locate your closest dealer.



Get your max at
[europe.thermoking.com/
max-your-cool](https://europe.thermoking.com/max-your-cool)

+ MAXIMIZE YOUR UPTIME

Avoid costly downtime and keep your units going and earning for longer.

+ MAXIMIZE YOUR SUSTAINABILITY

Limit your fleet's footprint and save energy.

+ MAXIMIZE YOUR SAVINGS

Reduce service and maintenance costs, and maximize your units' residual value.

+ MAXIMIZE YOUR CONTROL

Monitor and maintain critical cargo quality at every step of your journey.

MAX your ColdCube™

Take your refrigeration to the max. Thermo King's complete range of upgrades for your ColdCube™ solution helps you to optimize your operations.



**CONNECTED SOLUTIONS
COLDCUBE™ AND TELEMATICS**

Thermo King ColdCube™ empowers you to monitor and control your cargos with TrackKing and TK Reefer. Sensors provide real-time temperature data, track cargo position, and alert you if temperatures go out of range.



UPGRADES

Thermo King offers a wide range of factory-fitted and retrofitted upgrades for the ColdCube™. See the next page for more details.



SERVICE CONTRACTS

Experience peace of mind with ThermoAssistance, part of ThermoKare service contracts. This multilingual platform offers 24/7 support for Thermo King equipment to customers traveling abroad through the Thermo King dealer network.



GENUINE PARTS

Maintaining your Thermo King ColdCube™ is vital for its high performance, which is why we recommend using genuine Thermo King service parts.

Upgrades

We offer a wide range of upgrades that are available factory-fitted and retrofittable to fully customize your ColdCube™ to your needs.

Factory Options

ADDITIONAL INTERNAL FAN*

The extra fan helps with faster return to temperature setpoint after a door opening, and uniform temperature inside the container.

WHEELS AND HANDLES FOR VERTICAL MODELS

Facilitates moving and placing of the ColdCube™.

TOUCHLOG (INDEPENDENT TEMPERATURE DATALOGGER)

Connects with TrackKing and TK Reefer for real-time visibility of your cargo. Possibility to integrate TouchLog either at the rear or on top on request.

INTERNAL BATTERIES

Ensures extra flexibility with one or two internal batteries or a hybrid power solution.

*Default in NDH models, option for NDN & FDN models. Extended autonomy options for some models, see COLDFigurator.



NEXT-GEN BUILT-IN INTELLIGENCE FOR COLDCUBE 1020L

The new controller brings exclusive smart battery monitoring and precision timing to every 1020L model for ultimate cargo security.

Available for other models in 2027.

Retrofittable Accessories

- 1

SHELF

 - Adjustable to suit the contents of your load.
 - 30 kg capacity per shelf.
 - Available for all sizes except top loaders.
 - Can support Gastronorm Boxes.
- 2

TRANSPORT KITS

 - Trolley: Provides ease of mobility.
 - Pallet base: Allows for easier loading into truck or van.
- 3

BLUETOOTH MODULE

Load temperature conveniently monitored on your mobile device. Available for all units.
- 4

PLASTIC STRIP CURTAIN

Reduce cold air leakage when door is open. (Standard on certain Freezing, and Cooling & Heating models. Please check your model when ordering this accessory).
- 5

FIXING KIT/TIE DOWN KIT

Easily secures unit to vehicle floor.
- 6

INTERNAL FAN KIT

Ensures optimal ventilation inside the ColdCube™ for load protection.
- 7

AC/DC CONVERTER

Optional AC/DC converter to connect the ColdCube™ to a AC power source.
- 8

HANDLE LOCK KIT

Handle Lock Kit to stack ColdCubes.



				OPTIONAL (AT ORDER)		MAIN ACCESSORIES ON REQUEST					
SIZE	DESCRIPTION	INCLUDED WITH DELIVERY	EXTRA FAN	CASTORS KIT	AC/DC	SHELF	STRIP CURTAIN	HANDLE LOCK KIT	TROLLEY	STAINLESS STEEL RAISED FLOOR	PALLET BASE
140L	ColdCube 140L FDN 12/24V	DC Cord, evaporator protection, plastic strip curtain	047362	-	401422	936041	-	905634	6100202	-	-
	ColdCube 140L NDH 12V	DC Cord, evaporator protection	-	-	401421	941359	6100219	905634	6100202	970498	-
	ColdCube 140L NDN 12/24V	DC Cord	047362	-	401421	936041	6100219	905634	6100202	-	-
330L	ColdCube 330L FDN 12/24V	DC Cord, evaporator protection, plastic strip curtain	047362	-	401422	936042	-	903950	6100203	-	6100204
	ColdCube 330L NDH 12V	DC Cord, evaporator protection	-	-	401421	941361	6100220	903950	6100203	970488	6100204
	ColdCube 330L NDN 12/24V	DC Cord	047362	-	401421	936042	6100220	903950	6100203	-	6100204
720L	ColdCube 720L FDN 12V	DC Cord, evaporator protection, plastic strip curtain, 50 mm feet	047363	-	401423	935838	-	-	-	-	-
	ColdCube 720L NDH 12V	DC Cord, plastic strip curtain, 50 mm feet	-	-	401422	941365	-	-	-	970490	-
		Battery charger 25A@12V , evaporator protection, plastic strips, 50 mm feet	-	-	-	941365	-	-	-	970490	
		Ddc/dc charger 18A@12V , evaporator protection, plastic strips, 50 mm feet	-	-	401423	941365	-	-	-	970490	
	ColdCube 720L NDN 12/24V	DC Cord, plastic strip curtain, 50 mm feet	047363	-	401422	935838	-	-	-	-	-
1020L	ColdCube 1020L FDN 12V	DC Cord, evaporator protection, plastic strip curtain, 50 mm feet	047363	-	401423	970684	-	-	-	970685	-
		Battery charger, evaporator protection, plastic strip curtain, 50 mm feet	047363	-	-	970683	-	-	-	970685	-
	ColdCube 1020L NDH 12V	DC Cord, evaporator protection, plastic strip curtain, 50 mm feet	-	-	401422	970684	-	-	-	970685	-
		Battery charger, evaporator protection, plastic strip curtain, 50 mm feet	-	-	-	970684	-	-	-	970685	-
	ColdCube 1020L NDN 12/24V	DC Cord, evaporator protection, plastic strip curtain, 50 mm feet	047363	-	401422	970683	-	-	-	970685	-
		Battery charger, evaporator protection, plastic strip curtain, 50 mm feet	047363	-	-	970683	-	-	-	970685	-

Legend:
Option or accessory not available: -
Option for a Coldcube Bluetooth Interface available for all models, reference 401420.

Upgrades

VERTICAL RANGE

			OPTIONAL (AT ORDER)		MAIN ACCESSORIES ON REQUEST						
SIZE	DESCRIPTION	INCLUDED WITH DELIVERY	EXTRA FAN	CASTORS KIT	AC/DC	SHELF	STRIP CURTAIN	HANDLE LOCK KIT	TROLLEY	STAINLESS STEEL RAISED FLOOR	PALLET BASE
565L	ColdCube 565 FDN 12V	DC Cord, evaporator protection, plastic strip curtain, 100 mm feet	047363	097990	401423	941363	970554	970540	-	-	-
	ColdCube 565 NDH 12V	DC Cord, evaporator protection, plastic strip curtain, 100 mm feet	-	097990	401422	941362	970554	970540	-	970489	-
	ColdCube 565 NDN 12/24V	DC Cord, evaporator protection, plastic strip curtain, 100 mm feet	047363	097990	401422	941362	970554	970540	-	-	-
760L	ColdCube 760 FDN 12V	DC Cord, evaporator protection, plastic strip curtain, 100 mm feet	047363	097991	401423	940741	-	970541	-	-	-
	ColdCube 760 NDH 12V	DC Cord, evaporator protection, plastic strip curtain, 100 mm feet	-	097991	401422	941364	-	970541	-	970491	-
		Battery charger 25A@12V , eva. protection, plastic strips, 100 mm feet	-	097991	-	941364	-	970541	-	970491	
		Dc/dc charger 18A@12V , eva. protection, plastic strips, 100 mm feet	-	097991	401423	941364	-	970541	-	970491	
	ColdCube 760 NDN 12/24V	DC Cord, evaporator protection, plastic strip curtain, 100 mm feet	047363	097991	401423	941363	970555	970541			

Legend:
Option or accessory not available: -
Option for a Coldcube Bluetooth Interface available for all models, reference 401420.



COLDCUBE™

Flexible cooling solutions

WIDE AMBIENT RANGE

Covering 30°C to -21°C with cooling, freezing, and heating capabilities.

PRECISE TEMPERATURE CONTROL

Maximum protection for low operating costs.

FLEXIBLE AND AUTONOMOUS POWER

Power your unit with Vehicle DC Power, AC grid power, hybrid or autonomous (internal battery, 12h to 99h autonomy depending on models).

REAL-TIME 24/7 VISIBILITY

Independent datalogger integration and possibility to connect to Tracking and Bluetooth.

ADAPTED TO CUSTOMER NEEDS

15 standard configurations, and custom options.



Thermo King – by Trane Technologies (NYSE: TT), a global climate innovator – is a worldwide leader in sustainable transport climate control solutions.

We engineer and provide cutting-edge technology and solutions with sustainability, reliability, and the customer experience in mind. Thermo King has provided transport temperature control solutions for various applications, including trailers, truck bodies, buses, air, shipboard containers, and railway cars since 1938.

For further information
europe.thermoking.com

Find your nearest dealer on
dealers.thermoking.com

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TRANE
TECHNOLOGIES

