

FK FRIGO KING

Flexibility | Durability | Technology



FLEX
S E R I E S

The new Flex series is yet more flexible, introducing a wide range of equipments, more technology and versatility.

Engineered for small-to-medium sized delivery vehicles, as vans and small refrigerated trucks, that requires high performance in any route.

Safety, technology, flexibility, and efficiency for agile, economical, and smooth refrigerated transport.



**Flexibility.
Durability.
Technology.**

Ideal for small-to-medium sized delivery vehicles.

Flex series is ideal choice for small-to-medium sized delivery vehicles, as vans and small refrigerated trucks, providing all the flexibility necessary for efficiency and agility for the transportation of fresh or frozen goods with lightweight but reinforced and resistant structure.



Results With efficiency and flexibility

When your company results are in the topic, we are sure that Flex series is the best option. Offering flexibility, economy, reduced environmental impact and the technology that customer demands. Choose a reliable equipment for increase efficiency to your urban delivery.

NO MATTER WHAT'S YOUR BUSINESS, WE HAVE AN IDEAL FLEX FOR YOU!

Do your clients demand adaptation capacity? We offer a system as flexible as your business. Choose over a wide range of models frontal or roof mounted, for fresh or frozen products application.

EASY, FAST AND LOW COST INSTALLATION

Service for Flex series is uncomplicated, inexpensive and may be done easily for any experienced technician, who counts with our corporate training program to support to reach the best.



YOUR LOAD WITH LOW OPERATING COSTS

Flex series offers high performance and high efficiency products for low maintenance cost temperature control.

MY FRIGO KING TECHNOLOGY: THE CONTROL IN THE PALM OF YOUR HANDS

My FRIGO KING exclusive application provides real time information of your equipment, in the palm of your hand or in your desktop, no upfront payment or monthly fee. Your truck stays longer on the road with information, technology, easy maintenance and real saving.

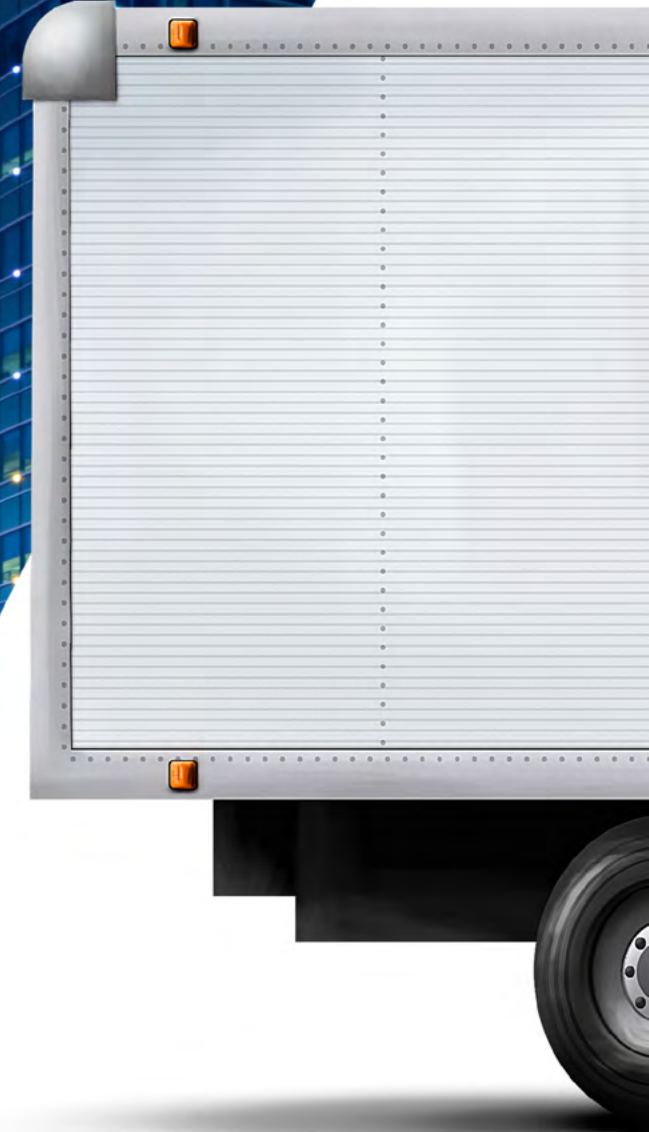
SUPER HEAVY DUTY PHILOSOPHY MORE TIME ON THE ROUTE

Understanding the challenges of this market is what makes the Super Heavy-Duty Philosophy the difference when choosing your Frigo King equipment, our job is to solve your problem, that's why we don't negotiate when it comes to quality and responsible maintenance. We understand that for your truck to stay longer on the road, it was necessary for our engineers to go beyond offering durability and quality through the best parts but combine it with availability anywhere in the world and simplicity of use.

Standard Durability

For enhanced compressor life, oil separator is standard for MAX versions. Every single component, from the core (compressor, fans, hose) to control is Super Heavy-Duty. Quality on the highlights, and best in class components inside.

Light design, compact and robust structure



REFRIGERATION SYSTEM

The refrigeration system uses a direct mounted compressor* and an electric mounted for stand by operation (only "plus" model). It is also available MAX versions with extra cooling capacity. *except for EPS models (for EV).

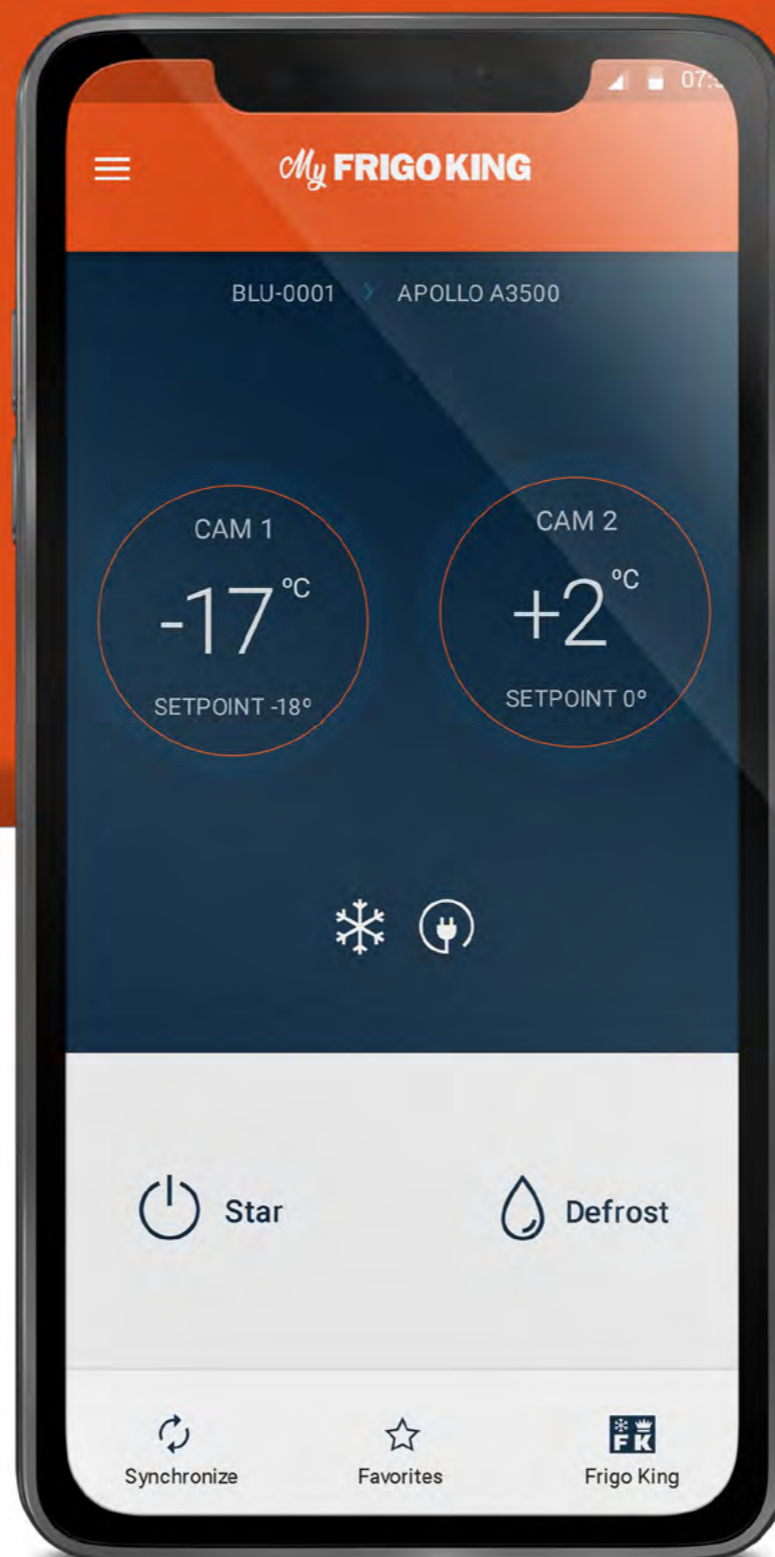
For EV with power outlet, Flex SRX EPS and Flex SRX Max EPS are available under request.

The control of your Flex in the palm of your hand.

MY FRIGO KING is an application that allows equipment control, qualified information access and more, from the mobile phone or computer your Frigo King is in the palm of your hand.



Exclusive FRIGO KING Technology.

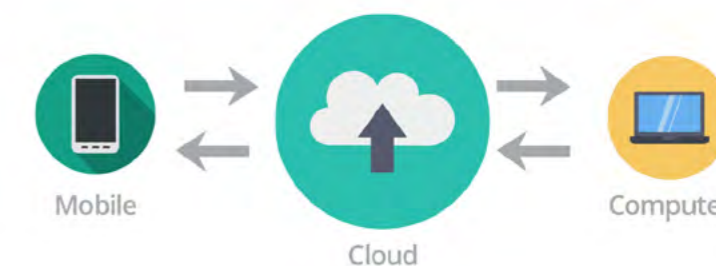


MAINTENANCE NETWORK IN THE PALM OF YOUR HAND

Did you need any support for your equipment? My Frigo King provides the nearest service center in the palm of your hand. The app uses the gps system and provides you with the best route and assistance data closest to you.

ACCESS AND CONTROL YOUR EQUIPMENT WHEREVER YOU ARE

In addition to the driver being able to operate daily via cell phone (Bluetooth connection), the fleet owner may monitor information (log), controls and changes some parameters in real time of the equipment from a computer from wherever he is.



REAL TIME ACCESS TO DATA

Your cargo needs to be safe. With the **MY FRIGO KING** app, all information during the journey is recorded and available by the app and may be easily shared. More agility for you and safe for the cargo.



FREE APPLICATION AND NO MONTHLY FEE

FRIGO KING, which was one of the pioneers in making the DATA LOGGER available as standard in its equipment, now brings the exclusive technology MEU FRIGO KING, an application that provides qualified information on the equipment in real time, on mobile phone or directly from your computer, without monthly fees and with transparency.

My FRIGO KING



Unlock all potential of your Flex with our Corporate Training Program

FREE training for managers, drivers, buyers, and technical assistance. It is knowledge that supports to save money on fuel, maintenance and increase the quality of service. For our partners, we offer commercial develop to support the client how to choose the best equipment according to the situation.



Always choose ORIGINAL FRIGO KING PARTS

Every little detail of Frigo King products is designed so that your truck stays longer on the road. It's not just about choosing the best components, but about a non-negotiable commitment to quality. It's our SUPER HEAVY DUTY philosophy!





Specifications



EQUIPMENT	FLEX S		FLEX S MAX		FLEX SR		FLEX SR MAX		FLEX SRX		FLEX SRX PLUS		FLEX SRX MAX		FLEX SRX MAX PLUS		FLEX ULTRA MAX	
REFRIGERATION CAPACITY - PERFORMANCE																		
Return temperature	2°C	-18°C	2°C	-18°C	2°C	-18°C	2°C	-18°C	2°C	-18°C	2°C	-18°C	2°C	-18°C	2°C	-18°C	2°C	-18°C
Watt (W)	1761	N/A	2110	1120	2255	N/A	2785	1520	2978	N/A	2978	N/A	3345	1850	3345	1850	4520	3160
BTU/h	6004	N/A	7194	3818	7688	N/A	9495	5182	10153	N/A	10153	N/A	11404	6307	11404	6307	15410	10774
AIR FLOW - FANS SHD																		
Condensing Unit (m³/h)	1400 à 10mmca		1400 à 10mmca		1400 à 10mmca		1400 à 10mmca		1400 à 10mmca		1400 à 10mmca		1400 à 10mmca		1400 à 10mmca		2800 à 10mmca	
Evaporator Unit (m³/h)	620 à 10mmca		620 à 10mmca		1240 à 10mmca		1240 à 10mmca		1240 à 10mmca		1240 à 10mmca		1240 à 10mmca		1240 à 10mmca		3720 à 10mmca	
WEIGHT																		
Condensing Unit (Kg)	19,5		20		19,5		20		19,5		68		20		69		42	
Evaporator Unit (Kg)	10		10		15		15		19		19		19		19		27	
COMPRESSOR SUPER HEAVY DUTY																		
Model	FK7H15																	
Compressor Type	Piston compressor																	
Maximum rotation (RPM)	6000																	
Piston numbers	7																	
Voltage (Dc)	12/24																	
Cylinder capacity (cm³)	154,7																	
Carter Capacity (ml)	200																	
LUBRICANT																		
Charge (ml)*	200		200		200		200		200		400		200		400		200	
Oil type	POE																	
ELECTRICAL DATA																		
Current in 220V (A)	N/A		N/A		N/A		N/A		N/A		8,0		N/A		8,0		N/A	
Current in 380V (A)	N/A		N/A		N/A		N/A		N/A		5,0		N/A		5,0		N/A	
Current in 12Vcc (A)	26,5		26,5		35		35		35		35		35		35		45	
Current in 24Vcc(A)	11		11		15		15		15		15		15		15		35	
Potency (kW)	N/A		N/A		N/A		N/A		N/A		2,8		N/A		2,8		N/A	
Voltage / Phase / Frequency	N/A		N/A		N/A		N/A		N/A		220 / 3 / 60 380 / 3 / 60 220 / 3 / 50 380 / 3 / 50		N/A		220 / 3 / 60 380 / 3 / 60 220 / 3 / 50 380 / 3 / 50		N/A	
REFRIGERANT FLUID																		
refrigerant fluid HFC	R134a		R404A		R134a		R404A		R134a		R134a		R404A		R404A		R404A	
Charge (Kg)	1,0		0,9		1,0		0,9		1,0		1,0		0,9		0,9		1,0	

*In coupled and electrical equipment: FLEX SRX MAX Plus and FLEX SRX Plus, the oil charge is 200ml for each compressor.

DEGELO	Por tempo	Com tempo de gotejamento
	Por tempo e temperatura	Com pré-refrigeração
	A gás quente	



Choose the best FLEX for you

				2M	2,8M	3,5M	4,2M	5M
FLEX SERIES	Model	Fluid	Isolation	4m ³	8m ³	12m ³	16m ³	20m ³
	Flex S	R134a	50mm	até - 8°C	até 0°C	até +10°C	até +18C	NA
			75mm	até -10°C	até -5°C	até +8°C	até +15°C	NA
			100mm	até -12°C	até -8°C	até +5°C	até +12°C	NA
	Flex S Max	R404A	50mm	NA	NA	NA	NA	NA
			75mm	-5°C até -12°C	-5°C até -8°C	NA	NA	NA
			100mm	-5°C até -18°C	-5°C até -12°C	NA	NA	NA
	Flex SR	R134a	50mm	até -12°C	até -8°C	até -0°C	até +10°C	até +18°C
			75mm	até -15°C	até -10°C	até -5°C	até +8°C	até +15°C
			100mm	até -15°C	até -12°C	até -8°C	até +5°C	até +12°C
Flex SR Max	R404A	50mm	N/A	NA	NA	NA	NA	
		75mm	-5°C até -18°C	-5°C até -18°C	-5°C até -8°C	NA	NA	
		100mm	-5°C até -18°C	-5°C até -18°C	-5°C até -12°C	NA	NA	
Flex SRX Flex SRX Plus	R134a	50mm	até -15°C	até -15°C	até -12°C	até -8°C	até 0°C	
		75mm	até -15°C	até -15°C	até -15°C	até -10°C	até -5°C	
		100mm	até -15°C	até -15°C	até -15°C	até -12°C	até -8°C	
Flex SRX Max Flex SRX Max Plus	R404A	50mm	NA	NA	NA	NA	NA	
		75mm	-5°C até -18°C	-5°C até -18°C	-5°C até -15°C	-5°C até -10°C	NA	
		100mm	-5°C até -18°C	-5°C até -18°C	-5°C até -18°C	-5°C até -15°C	NA	
Flex Ultra Max	R404A	50mm	NA	NA	NA	NA	NA	
		75mm	NA	NA	NA	-5°C a -15°C	-5°C a -12°C	
		100mm	NA	NA	NA	-5°C a -18°C	-5°C a -15°C	

- The cab-in control is standard locked minimum temperature at -18°C (0°F).
- Considering the product loaded in the same temperature for transport.
- Approximate values and variations may occur according to refrigerated body, product, and operation.
- Minimum isolation of 120 mm (5 inches) on the floor, 100 mm (4 inches) on the roof, no door opening.
- It is considered the use of polyurethane density 36 to 40 (kg/m³).

Measures



Models:

Flex S

Flex S Max

Flex SR

Flex SR Max

Flex SRX

Flex SRX Max

Measures

Models:
Flex SRX Max Plus
Flex SRX Plus

281mm



Model:
Flex Ultra Max

281mm



Measures

Models:

- Flex SRX**
- Flex SRX Max**
- Flex SRX Max Plus**
- Flex SRX Plus**



Models:

- Flex S**
- Flex S Max**



Models:

- Flex SR**
- Flex SR Max**

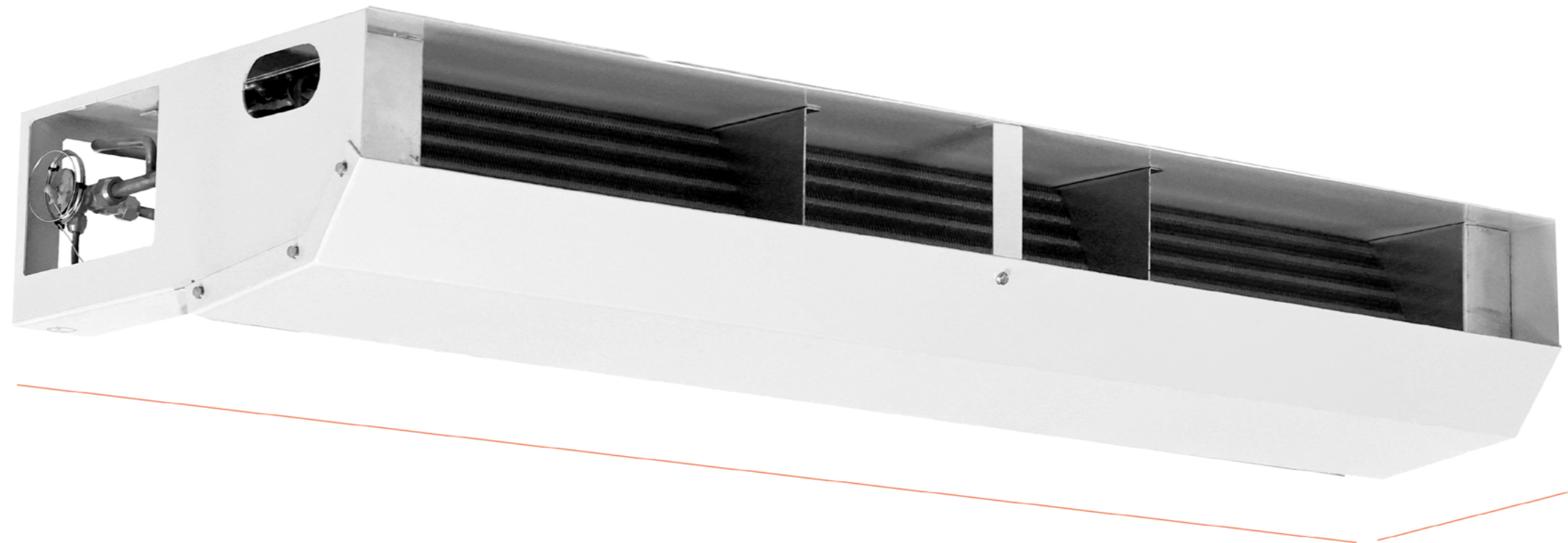


Measures

Model:

Flex Ultra Max
Constructed in
aluminum

215mm



1288mm

545mm



FRIGO KING

Frigo King is a Brazilian company built over the durability, quality, and reliability pillars to offer products with technology, low maintenance and truck longer in route. It is not only principles, but a true philosophy we call SUPER HEAVY DUTY, with work and engineering focused in whom works hard for the success.