

FK FRIGO KING

World standard performance and technology
for efficiency in transport



APOLLO
S E R I E S



**Performance.
Technology
Efficiency in transport.**

Technology and performance for small-medium sized delivery vehicles

Apollo series introduces powerful equipments of high performance for frozen goods

An advanced technology for efficiency and the best value for money in transport refrigeration for small-medium sized delivery vehicles.

Wide products series for small-medium sized delivery vehicles including direct drive units, direct drive and electric units (Plus versions), and electric for EV (EPS versions).

Designed for high international quality standards for the transport refrigeration, enable more quality and safer for your cargo.

Engineered for maximum performance and best efficiency for frozen application in small to medium sized delivery vehicles.



Save with a smart refrigerated transport !

Apollo series is engineered for maximum performance and best efficiency for frozen application in small to medium sized delivery vehicles.

NO MATTER WHAT IS YOUR ACTIVITY, WE HAVE AN IDEAL APOLLO 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 mounted for 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.



MORE SAVINGS

Apollo series introduces a fluid and robust design. Its front cover is one piece built, for increased resistance. Evaporator is slim and fixed on the roof for more space to your cargo. All to assure a better and efficient temperature control and low-cost maintenance.

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.

Resistance and technology for savings

All Apollo versions are standard MAX, with increased refrigeration pull down capacity. For enhanced compressor life, oil separator is standard all models.

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.

FLUID DESIGN AND
STRONG STRUCTURE

ONE-PIECE FRONT
COVER WITH CONDENSER
PROTECTION SCREEN

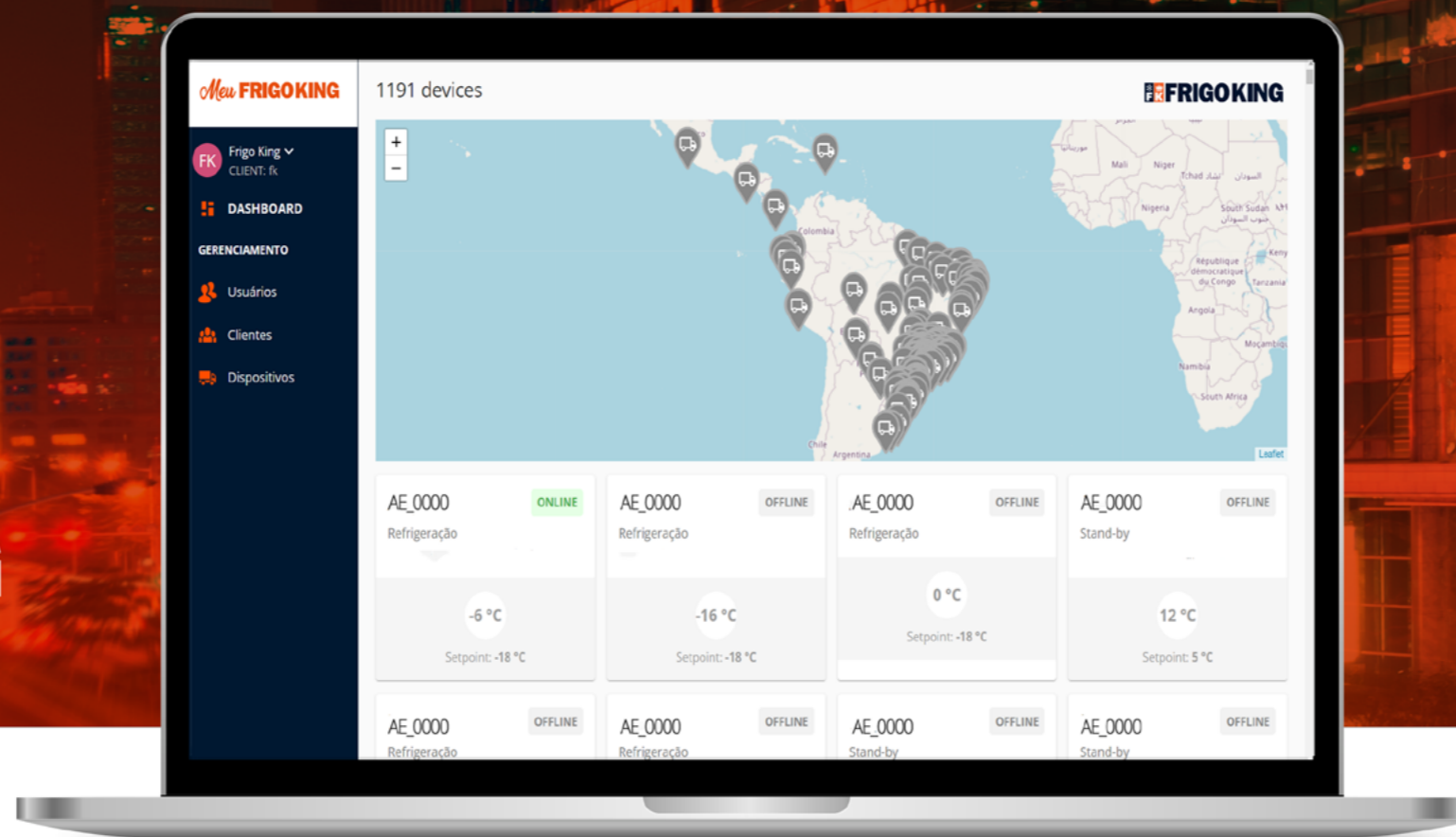
SLIM EVAPORATOR,
BUILT IN RESISTANT
ALUMINUM, THAT OPTIMIZES
AVAILABLE VOLUME

APOLLO
S E R I E S

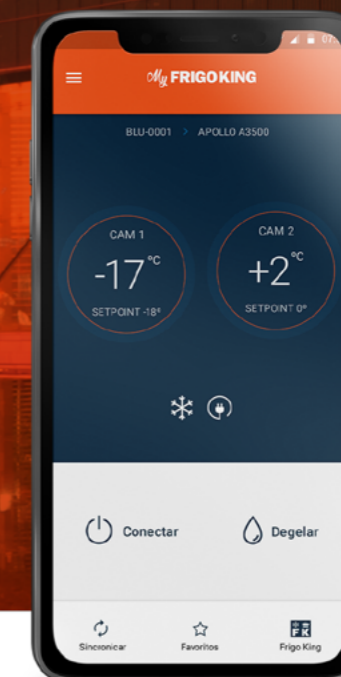


Exclusive Technology that Drives Your Business: My Frigo King App and Platform

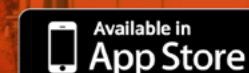
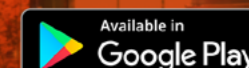
My FRIGOKING



Invest in your success. Invest in Frigo King.



Exclusive technology



TOTAL CONTROL, IN THE PALM OF YOUR HAND AND ON YOUR COMPUTER SCREEN

Frigo King goes beyond refrigeration, offering cutting-edge technology to optimize your operation and provide the peace of mind you deserve. With the My Frigo King app and platform, you have access to a complete set of features that will revolutionize the management of your refrigerated transport.

MY FRIGO KING APP: FREE AND WITH NO MONTHLY FEES

Whether on your mobile phone or computer, My Frigo King puts fleet control at your fingertips. With it, you can access real-time information, monitor cargo temperature, control defrosting, and much more, all in an intuitive and practical way.

FEATURES THAT DRIVE YOUR BUSINESS:

REMOTE TEMPERATURE ADJUSTMENT: Ensure cargo integrity with precise control, even during transport.

DEFROST CONTROL: Optimize equipment operation and avoid interruptions.

TEMPERATURE HISTORY: Access detailed records for analysis and proof of transport quality.

TRUCK LOCATION: Track the exact position of your vehicles and cargo in real-time, providing greater security and predictability.

DELIVERY ASSESSMENT: Analyze delivery times, stops, and driving practices to improve your processes.

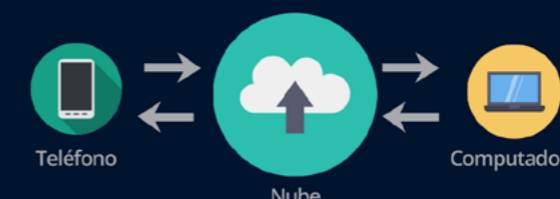
MANAGER AND DRIVER INTEGRATION: Efficient communication integrated with WhatsApp for faster and safer transport.

FREE TRAINING: Train your team to get the most out of the platform and equipment..

MY FRIGO KING PLATFORM: EXPAND YOUR VISION, OPTIMIZE YOUR BUSINESS

With the computer version of My Frigo King, you take fleet management to a new level. Get a comprehensive view of your business by tracking the performance of your equipment and deliveries, even when they are off-site.

ALL THIS WITH THE SECURITY AND RELIABILITY OF THE CLOUD.
Your data is stored securely and accessible from anywhere, anytime.



AND THE BEST PART: ALL THIS TECHNOLOGY IS FREE AND COMES STANDARD ON ALL FRIGO KING EQUIPMENT.



FLEX EPS

ENERGY EFFICIENCY FOR SUSTAINABLE BUSINESS

In recent years, concern about the future of fossil fuel use in vehicles has increased, the search for alternatives has grown, and the electric solution has been well accepted by the market. Frigo King is attentive to trends and, as part of the ESG good practices system as a supplier, has put engineering to develop products and solutions that can serve vehicles with energy efficiency.



We created the FLEX SRX EPS, equipment for trucks with an electric motor. We are 100% connected to the ESG concept, care for the environment, people and sustainability.

*My Frigo King technology is not available for the EPS line



Energy Efficiency



Sustainable Future



Care for people and the environment



Connected with the ESG concept





Specifications



EQUIPAMENT	APOLLO 1500 MAX		APOLLO 1500 MAX PLUS		APOLLO 2500 MAX		APOLLO 2500 MAX PLUS		APOLLO 3500 MAX		APOLLO 3500 MAX PLUS		APOLLO 1500 MAX EPS			
COOLING CAPACITY - PERFORMANCE COUPLED																
Return Temperature	0°C	-18°C	0°C	-18°C	0°C	-18°C	0°C	-18°C	0°C	-18°C	0°C	-18°C	0°C	-18°C	N/A	N/A
Watt (kW)	4,2	2,4	4,5	2,58	5,8	3	5,6	3,16	7,4	4	6,9	3,9	N/A	N/A		
BTU/h	14319	8182	15342	8796	19775	10228	19093	10774	25230	13638	25332	13297	N/A	N/A		
CAPACIDADE FRIGORÍFICA - DESEMPENHO STAND BY ELÉTRICO																
Return Temperature	0°C	-18°C	0°C	-18°C	0°C	-18°C	0°C	-18°C	0°C	-18°C	0°C	-18°C	0°C	-18°C	0°C	-18°C
Watt (W)	NC	NC	4,5	2,58	NC	NC	5,6	3,16	NC	NC	6,9	3,9	4,50	2,58		
BTU/h	NC	NC	15342	8796	NC	NC	19093	10774	NC	NC	25332	13297	15342	8796		
AIR FLOW - SHD Fans																
Condensing Unit (m³/h)	1400m³/h à 10mmca		1400m³/h à 10mmca		2800m³/h à 10mmca		2800m³/h à 10mmca		2800m³/h à 10mmca		2800m³/h à 10mmca		1400m³/h à 10mmca			
Evaporator Unit (m³/h)	1240m³/h à 10mmca		1240m³/h à 10mmca		1860m³/h à 10mmca		1860m³/h à 10mmca		1860m³/h à 10mmca		1860m³/h à 10mmca		1240m³/h à 10mmca			
WEIGHT																
Condensing Unit (kg)	58		112		60		117		60		119		112			
Evaporator Unit (kg)	21		21		25		25		26		26		21			
Installation kit (Kg)	24		24		24		24		26		26		21			
SUPER HEAVY DUTY COMPRESSOR																
Model	FK7H15						FK21						N/A			
Compressor Type	Compressor à pistão															
Maximum Rotation (RPM)	6000															
Number of Pistons	7						10									
Voltage(Dc)	12/24															
Displacement (cm³)	154,7						215,0									
Crankcase Capacity (ml)	200															
ELECTRICAL DATA																
Compressor Type	N/A	Semi-hermético		N/A	Semi-hermético		N/A	Semi-hermético		N/A	Semi-hermético		Semi-hermético			
Current at 220V (A)	N/A	10,8		N/A	10,8		N/A	12,8		N/A	10,8		10,8			
Current at 380V (A)	N/A	6,2		N/A	6,2		N/A	7,4		N/A	5		5			
Current at 12Vcc (A)	35,0	35		39	39		39	39		39	39		45,0			
Current at 24Vcc(A)	15,0	15		19,5	19,5		19,5	19,5		19,5	19,5		15,0			
Power (kWh)	N/A	3,5		N/A	3,5		N/A	4,2		N/A	3,5		3,5			
Voltage / Phase / Frequency	N/A	220/3/60Hz 380/3/60Hz		N/A	220/3/60Hz 380/3/60Hz		N/A	220/3/60Hz 380/3/60Hz		N/A	220/3/60Hz 380/3/60Hz		220/3/60Hz (Electrical Network) 380/3/60Hz (Electric Network/vehicle)			
REFRIGERANT																
Refrigerant HFC	R404A															
Charge (kg)	2,2	2,2		2,5	2,5		2,5	2,5		2,5	2,5		2,2			
Oil Charge (ml)	500,0	500,0		600,0	600,0		600,0	600,0		600,0	600,0		500,0			



Choose the best APOLLO for you

				3,5m	4,2m	5m	6,5m	7,5m
APOLLO SERIE	Model	Fluid	Isolation	12m ³	16m ³	20m ³	32m ³	40m ³
	Apollo 1500 Max 1500 Max EPS	R404A	50 mm	-	-	-	-	-
			75 mm	-5°C a -15°C	-5°C a -12°C	-5°C a -8°C	-	-
			100 mm	-5°C a -18°C	-5°C a -15°C	-5°C a -10°C	-	-
	Apollo 1500 Max Plus	R404A	50 mm	-	-	-	-	-
			75 mm	-5°C a -18°C	-5°C a -15°C	-5°C a -12°C	-	-
			100 mm	-5°C a -18°C	-5°C a -18°C	-5°C a -15°C	-	-
	Apollo 2500 Max	R404A	50 mm	-	-	-	-	-
			75 mm	-	-5°C a -15°C	-5°C a -12°C	-5°C a -8°C	-
			100 mm	-	-5°C a -18°C	-5°C a -15°C	-5°C a -10°C	-
	Apollo 2500 Max Plus	R404A	50 mm	-	-	-	-	-
			75 mm	-	-5°C a -18°C	-5°C a -15°C	-5°C a -10°C	-
			100 mm	-	-5°C a -18°C	-5°C a -18°C	-5°C a -12°C	-
	Apollo 3500 Max	R404A	50 mm	-	-	-	-	-
			75 mm	-	-	-	-5°C a -12°C	-
			100 mm	-	-	-	-5°C a -15°C	-5°C a -10°C
	Apollo 3500 Max Plus	R404A	50 mm	-	-	-	-	-
			75 mm	-	-	-	-5°C a -15°C	-5°C a -8°C
			100 mm	-	-	-	-5°C até -18°C	-5°C a -12°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

Condenser Model:

A1500 MAX

A2500 MAX

A3500 MAX

A1500 MAX PLUS

A2500 MAX PLUS

A3500 MAX PLUS

A1500 MAX EPS



Measures

Evaporator Model:

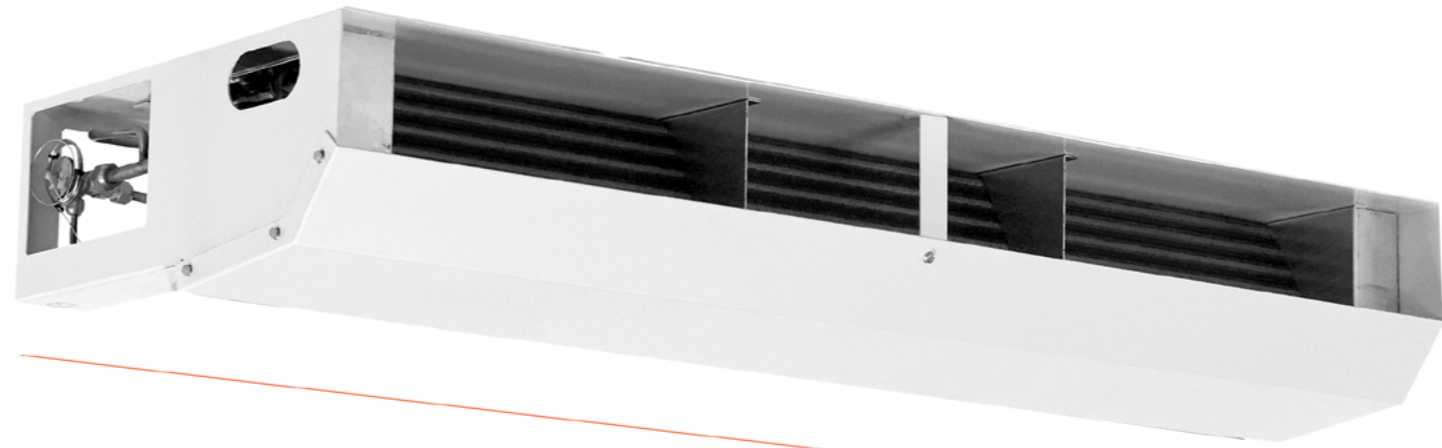
A1500 MAX

A1500 MAX PLUS

A1500 MAX EPS

Uses 2 fans

215mm



1011mm

520mm

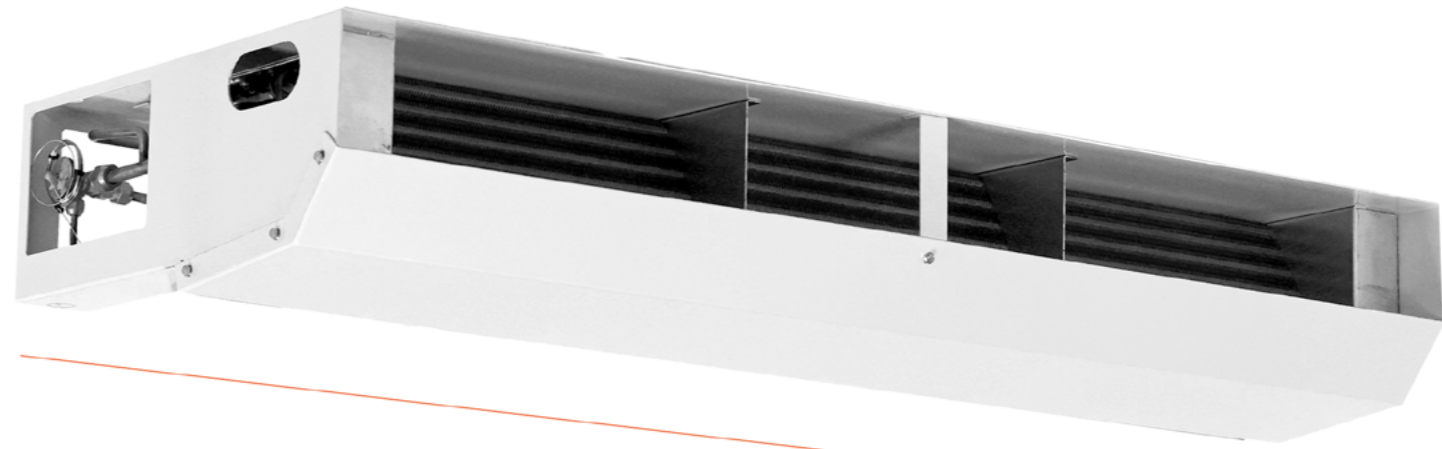
Evaporator Model:

A2500 MAX

A2500 MAX PLUS

Uses 3 fans

215mm



1288mm

520mm

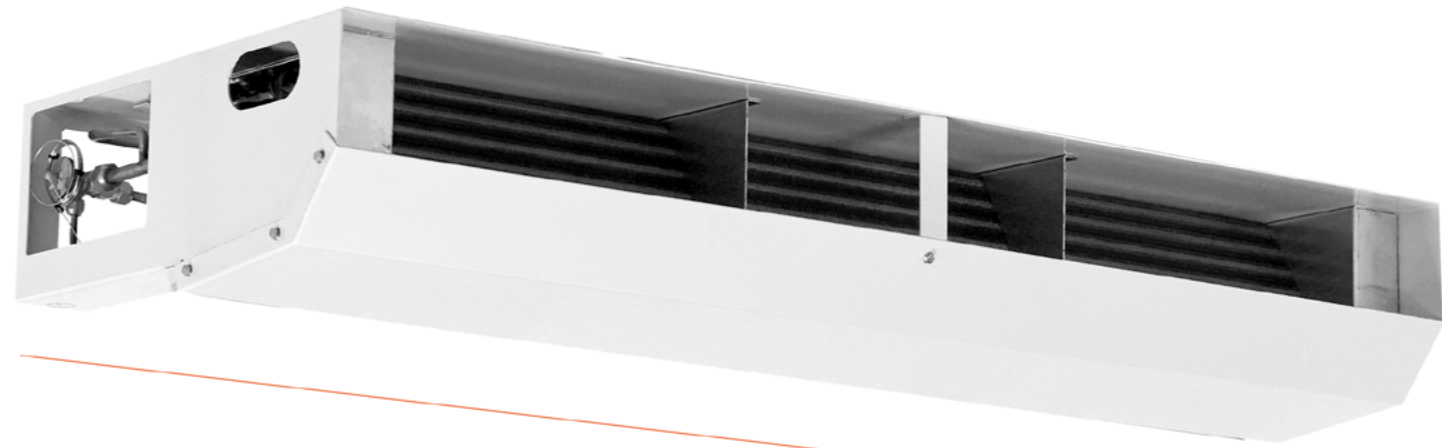
Evaporator Model:

A3500 MAX

A3500 MAX PLUS

Uses 3 fans

250mm



1300mm

520mm



FRIGOKING

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.