APOLLO
SERIES

Desempenho e tecnologia de padrão mundial para o transporte eficiente.



FRIGOKING

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.

APOLLO SERIES

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.



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 AND FAST INSTALLATION

Service for Flex series may be done 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 SERIES

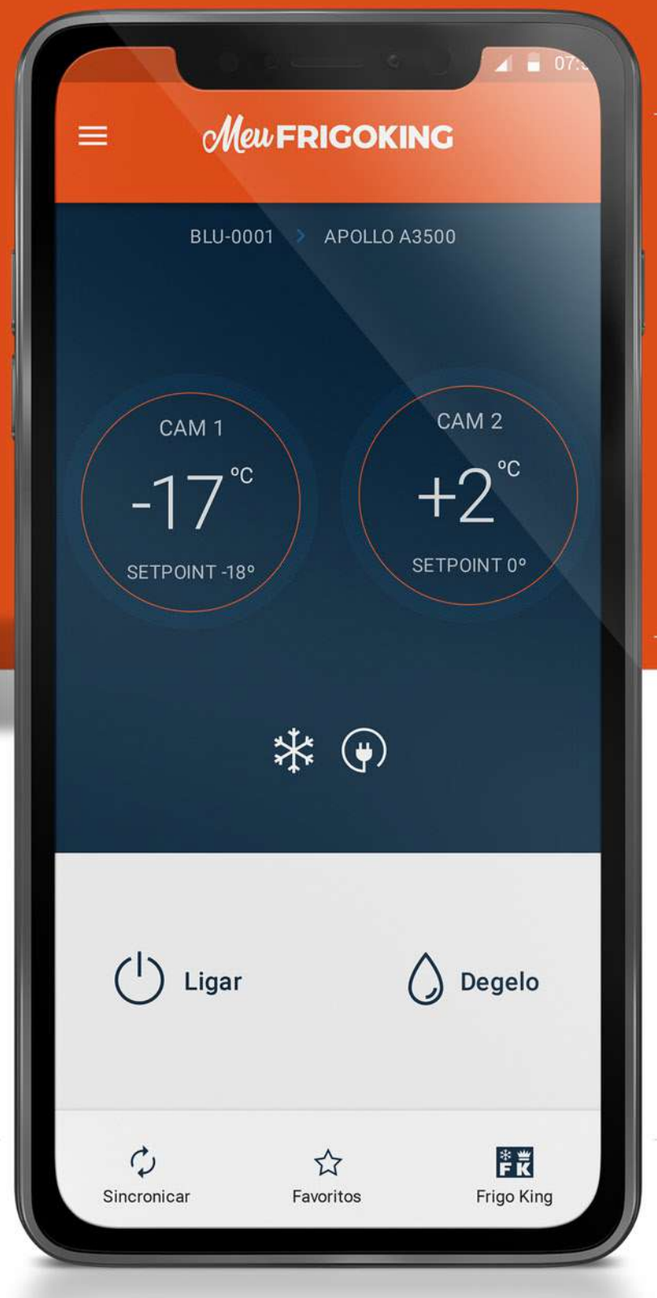


Control your APOLLO in the palm of your hand.

MY FRIGOKING is an application that allows equipment control. Access qualified information and much more from wherever you are. Whether by cell phone or computer, your Frigo King is in the palm of your hand.



Exclusive FRIGOKING Technology.



MAINTENANCE AND ACCESS TO THE ASSISTANCE NETWORK IN THE PALM OF YOUR HAND

Needed maintenance or assistance on the road?

My FrigoKing provides, in the palm of your hand, the entire technical assistance network closest to wherever you are. The app uses the GPS system to provide you with the best route and details of the nearest assistance service.

ACCESS AND CONTROL YOUR EQUIPMENT FROM WHEREVER YOU ARE

In addition to the driver being able to operate daily via cell phone (Bluetooth connection), the fleet owner tracks information (logs), controls, and changes any parameter in real-time on the equipment via computer from anywhere.



FREE APP WITH NO MONTHLY FEES

We are one of the pioneers in providing DATA LOGGER as standard at no cost on all our equipment and, with the app, it would be no different. FrigoKing customers have total access to the exclusive MY FRIGOKING technology for free and with no monthly fees, as our app uses Bluetooth connection and the driver's cell phone internet.

REAL-TIME DATA LOGGING AND ACCESS

Your cargo needs to be safe. With the MY FRIGOKING app, all information during the journey is recorded and made available through the app or on your computer in real time, making your work more agile and your customer's cargo secure.

Meu FRIGOKING

Available on the App Store

Available on the Google Play

Unlock all potential of your APOLLO 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.



Train your staff with the best and most exclusive COLD CHAIN UNIVERSITY in Latin America.

UNIVERSIDADE do FRIO



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!

For the maintenance of your equipment, always choose FRIGO KING spare parts and our authorized technical support network.



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 **APOLLO 1500 MAX EPS**, equipment for trucks with an electric motor and for vehicles with ePTO. We are 100% connected to the ESG concept, care for the environment, people and sustainability.

eps ELETRIC POWER SYSTEM

*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



FRIGOKING



Specifications

APOLLO SERIES

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	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
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		Semi-hermético	
Current at 220V (A)	N/A		10,8		N/A		10,8		N/A		12,8		10,8	
Current at 380V (A)	N/A		6,2		N/A		6,2		N/A		7,4		5	
Current at 12Vcc (A)	35,0		35		39		39		39		39		45,0	
Current at 24Vcc(A)	15,0		15		19,5		19,5		19,5		19,5		15,0	
Power (kWh)	N/A		3,5		N/A		3,5		N/A		4,2		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		220/3/60Hz (Electrical Network) 380/3/60Hz (Eletrical Network/vehicle)	
REFRIGERANT														
Refrigerant HFC	R404A													
Charge (kg)	2,2		2,2		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		500,0	



Choose the best APOLLO for you

				3,5m	4,2m	5m	6,5m	7,5m
	Model	Fluid	Isolation	12m³	16m³	20m³	32m³	40m³
APOLLO SERIE	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).

APOLLO SERIES

Measures

Condenser Model:

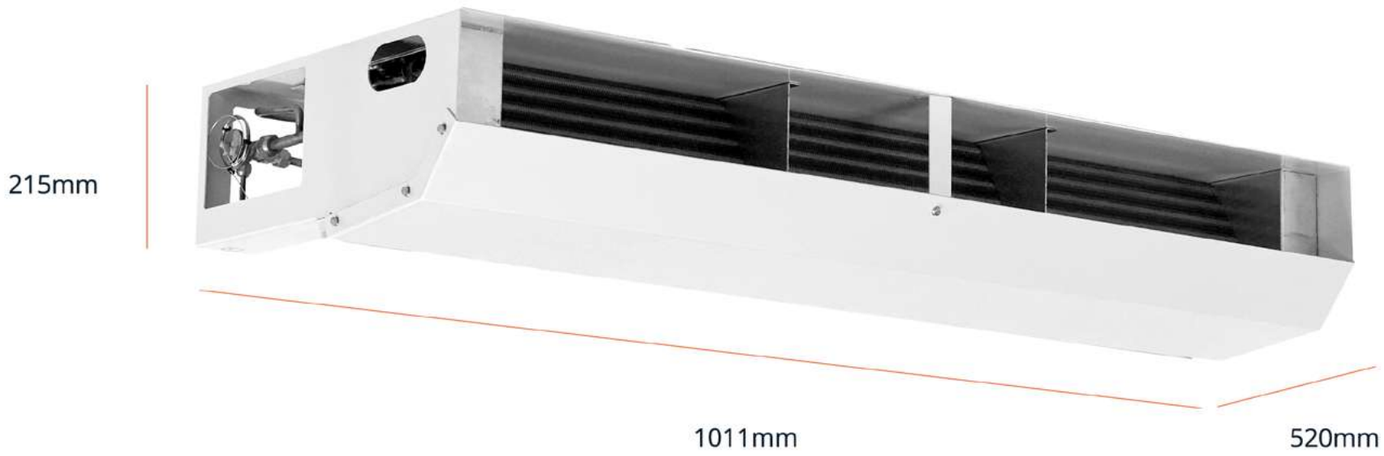
A1500 MAX
A2500 MAX
A3500 MAX
A1500 MAX PLUS
A2500 MAX PLUS
A3500 MAX PLUS
A1500 MAX EPS



Measures

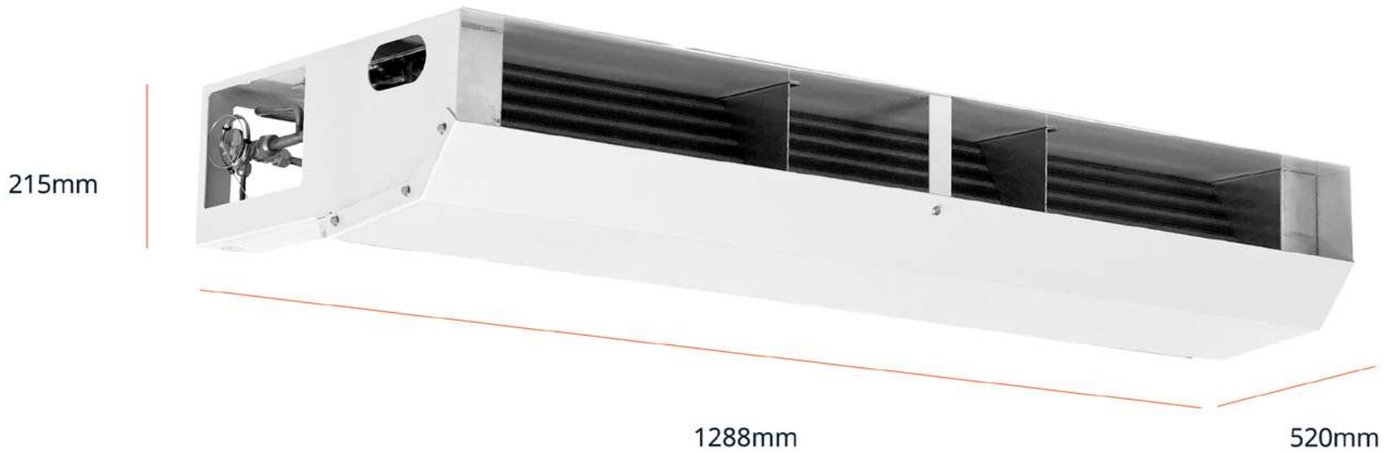
Evaporator Model:
A1500 MAX
A1500 MAX PLUS
A1500 MAX EPS

Uses 2 fans



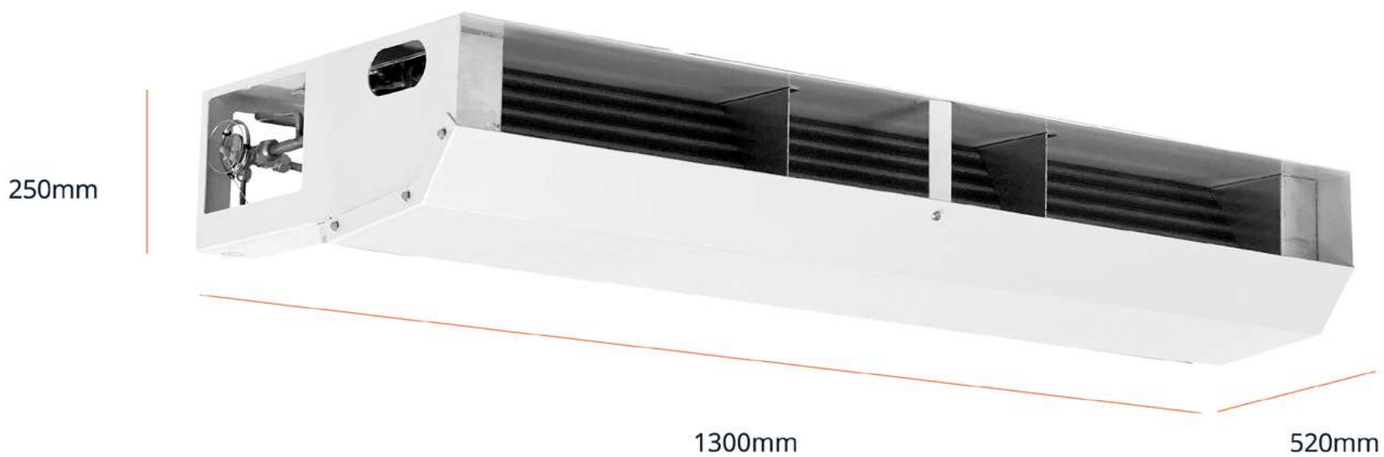
Evaporator Model:
A2500 MAX
A2500 MAX PLUS

Uses 3 fans



Evaporator Model:
A3500 MAX
A3500 MAX PLUS

Uses 3 fans



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.

www.FRIGOKING.com — +55 47 3055-4200

APOLLO SERIES