

# ARCTIKO INT SF 500

true cooling specialists



## LOW TEMPERATURE CHEST FREEZER I

STORES YOUR SAMPLES UNDER OPTIMAL CONDITIONS

The single compressor technology provides reliable low temperature freezing and high temperature uniformity.

### ► COOLING SYSTEM

Arctiko's SF 500 utilizes our single compressor technology. This means fewer mechanical components taking up space and lowering unnecessary heat and noise dissipation.

The technology ensures the best possible storage capacity per square meter of any chest freezer models in the market.

With Arctiko, you are maximizing the amount of samples you can store, while retaining the best possible cooling performance.

### ► OPTIMIZED STORAGE CAPACITY

The freezer has optimized internal storage for the best overview. With the standard included stackable basket and the optional stainless steel front rack storage system the samples will be easy accessible at any time.

The freezer also has a premade access port with no extra cost involved, making it easier to monitor or inspect the unit with external probes.

### ► FILTERLESS CONSTRUCTION

Our filterless construction makes cleaning unnecessary. The evaporator coils are spaced so far apart that dust will not be trapped and obstruct the airflow.

The filterless construction eliminates the need for filters entirely, saving you maintenance time and cost.



SINGLE  
COMPRESSOR  
SYSTEM



FILTERLESS  
CONSTRUCTION



NOISE  
REDUCTION  
TECHNOLOGY



Optimal storage capacity and overview of the stored samples with the baskets.



The key lock on the handle is a standard feature in our SF Series for optimal security for your samples.

# ARCTIKO INT SF 500

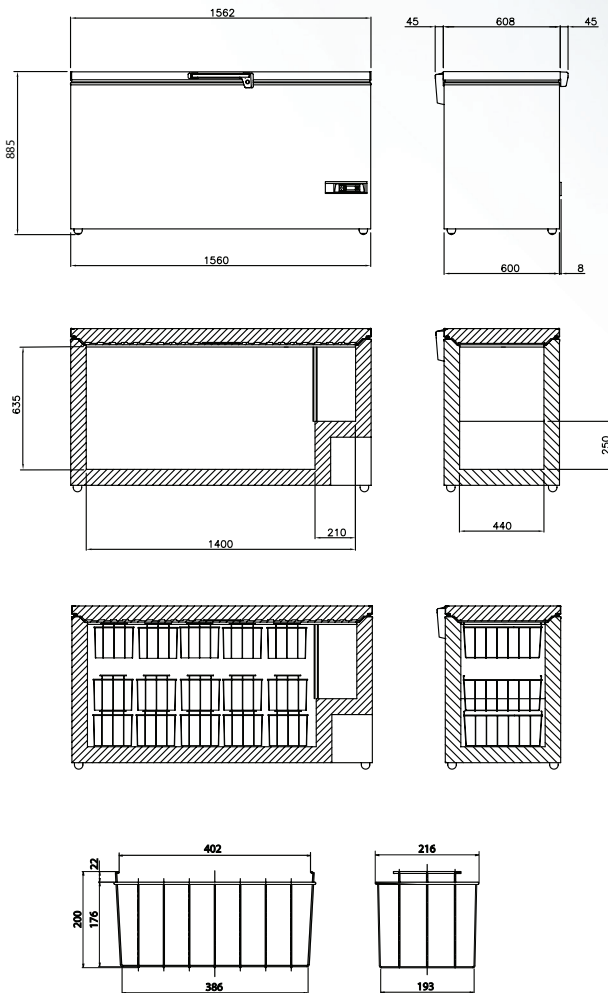
true cooling specialists

OPTIONAL FEATURES

The ARCTIKO SF 500 model supports following optional features:

- Temperature chart recorder
- Rollers on metal frame
- GSM alarm module
- Voltage converter
- Voltage stabilizer
- Racks & boxes
- Jumbo basket
- Basket

MAIN DIMENSIONS



MODEL	SF 500	
Main specifications	Item code	US-SF 500
	Temperature range (°C)	-30 / -60
	Temperature range (°F)	-22 / -76
	Max. ambient temperature (°C)	25
	Max. ambient temperature (°F)	77
	Capacity (L)	368
	Capacity (cu. ft.)	13
	Exterior dimensions WxDxH (mm)	1562x708x890
	Exterior dimensions WxDxH (inches)	61,50x27,87x35,04
	Interior dimensions WxDxH (mm)	1400x440x630
	Interior dimensions WxDxH (inches)	55,12x17,32x24,80
	Weight (kg)	88
	Weight (lbs)	194
	Insulation (mm)	80
Insulation (inches)	3,16	
Cooling technology	static	
Controller model / probe type	XR30CX / PT1000	
Power	Power supply (V)	110
	Frequency (Hz)	60
	Power consumption (kWh/24h)	9,13
	AMP (A)	6,3
	Power (Watt)	450
	Horse power (HP)	1/2
Alarm functions	Alarm display as text - not codes	no
	Visual / acoustic alarm	yes
	Power failure alarm	no
	Adjustable high / low temperature alarm	yes
	Open door alarm	no
	Probe failure alarm	yes
	Low battery alarm	no
Compressor failure alarm	no	
Battery backup for alarms (approx. hrs.)	no	
Data logging & external connection	Voltage free contact for remote alarm (e.g. GSM alarm module)	yes
	Electronic data logger	no
	RS 485 port	no
	USB port for software update & data download	no
Temperature chart recorder	optional	
Display features	Display type	LED display with touch buttons
	Number of optional reference probes	no
	Password protection for turning unit on / off	no
	Temperature graph on display	no
Other features	Automatic defrost	no
	Vacuum release port	no
	Access port for external probe etc. (int. diameter mm)	12
	Access port for external probe etc. (int. diameter inches)	0,47
	Light	no
	Lock with key	yes
	Castors (total pcs) / castors with brake (pcs)	4 / optional
	Fixed feet (pcs) / levelling feet (pcs)	no
	Sub lids / inner doors (pcs)	0
	Baskets (pcs)	3
	Max. no. of baskets (pcs)	15
Max. load per basket (kg)	14,5	
Max. load per basket (lbs)	32	
Total capacity of 50 mm / 2 inch boxes (pcs)	282	
Total capacity of 75 mm / 3 inch boxes (pcs)	204	
Total capacity of 96 mm / 3,8 inch boxes (pcs)	129	
Refrigeration & cabinet	Number of compressors	1
	Refrigerant	EP88
	Interior cabinet material	prepainted steel
	Exterior cabinet material	prepainted steel
	Colour (exterior cabinet)	white
	Foam type	polyurethane
VIP vacuum insulated panels	no	
Shipping	Shipping weight (kg)	139
	Shipping weight (lbs)	306
	Shipping dimensions WxDxH (cm)	166x76x106
	Shipping dimensions WxDxH (inches)	65,4x29,9x41,7
	Shipping volume (m <sup>3</sup> )	1,34
Shipping volume (cu. ft.)	47,32	

CERTIFICATES

