



MARKET-LEADING COLD STORAGE WITH PRECISION TEMPERATURE CONTROL



www.ArcticStore.com

PORTABLE, MODULAR COLD STORAGE SOLUTIONS TO RENT OR BUY



- + ARCTICSTORE
- + ARCTIC SUPERSTORE
- + ULTRAFREEZER
- + ARCTICBLAST
- + ARCTICSTORE TROPICAL
- + ARCTIC MINI STORE
- + HOTSTORE
- + ACCESSORIES AND BESPOKE

COLD STORAGE APPLICATIONS

Many products need reliable and precise temperature-controlled storage



AND MANY MORE!

ARCTICSTORE

Purpose built portable storage in a container footprint with precision temperature control



FROM

-40°C

(-40°F)

TO

+45°C

(+113°F)

SIZES

10'/3M

20'/6M

40'/12M



ARCTICSTORE Tropical
NEW GENERATION OF ARCTICSTORE

Save 20% on energy with extra insulation. Ask our experts!

ArcticStore	External (mm)			Internal (mm)		
	Length	Width	Height	Length	Width	Load height
10ft	2,991	2,438	2,591	2,296	2,292	2,310
20ft	6,058	2,438	2,591	5,363	2,292	2,310
40ft	12,192	2,438	2,896	11,497	2,292	2,605

ArcticStore	Pallets	Max Weight	Tare Weight	Payload
Dimensions	EU	kg	kg	kg
10ft	4	10,160	2,060	8,100
20ft	10	24,000	2,770	21,230
40ft	22	30,480	4,650	25,830

Dimensions shown are typical and variances are possible.

Features

- + High insulation value
- + Energy saver 220V LED lights
- + Sliding strip curtain
- + Easy 1 hand opening door with inbuilt lock
- + Internal door release
- + Person trapped alarm
- + Pharma and food-grade hygienic stainless steel interior panels & aluminium floor
- + Internal fork truck/motorised pallet lifter use permitted
- + 380/440V 3-Phase with 18m heavy-duty cable
- + Foundations or even ground is NOT required
- + Self bearing on the 4 corners
- + User-friendly
- + Extremely reliable
- + Modern power efficient reefer machinery specialised for ArcticStore application
- + Built in datalogger



ARCTIC SUPERSTORE

Large open plan storage with almost unlimited capacity



FROM
-40°C
(-40°F)

TO
+45°C
(113°F)

SIZES OR Bespoke
10'/3M to you
20'/6M
40'/12M



SuperStores 20 ft / 40 ft	External (mm)		Internal (mm)		Door Opening		Floor Support			
	Length	Height	Length	Height	Width	Height	kg/sqm			
20 ft / 40 ft	6,058 / 12,192	2,896	5,430 / 11,262	2,600	2,000	2,560	3000			
SuperStores 20 ft / 40 ft	Super 2	Super 3	Super 4	Super 5	Super 6	Super 7	Super 8	Super 9	Super 10	Super 11
Width ext,	4,896	7,354	9,812	12,270	14,728	17,186	19,643	22,101	24,539	26,977
Width, Int,	4,751	7,209	9,667	12,125	14,583	17,041	19,499	21,957	24,395	26,833

Dimensions shown are typical and variances are possible.

No. EU Pallets

There is effectively no limit to the total size, SuperStores modules can be joined side to side (no supporting posts to interfere in use) and end or side to end where corner posts exist.

Features

- + Pharma and food-grade hygienic stainless steel interior panels and aluminium floors
- + All of the ArcticStore health & safety features included
- + Better space utilisation
- + Lower heat leakage due to smaller surface
- + Lower energy consumption
- + Multiple reefers can be in the same room
- + Flexibility: can be easily extended or even moved to follow business needs
- + Can be standalone or an extension of existing warehouses
- + Multiple temperature zones possible with internal dividing walls and doors
- + Bespoke doors
- + Multiple floors
- + Foundations or even ground is NOT required
- + Short delivery leadtime worldwide
- + Endless opportunity for customisation



ARCTIC ULTRAFREEZER

Experience the extreme with ultra-low temperature refrigerated storage



FROM

-10°C

(14°F)

TO

-80°C

(-112°F)

SIZES

20'/6M

40'/12M



UltraFreezer	External (mm)			Internal (mm)		
	Length	Width	Height	Length	Width	Load height
20ft	6,058	2,438	2,591	5,228	2,050	2,237
40ft	12,192	2,438	2,896	11,550	2,200	2,485

UltraFreezer	Pallets	Max Weight	Tare Weight	Payload
Dimensions	EU	kg	kg	kg
20ft	10	24,000	2,770	21,230
40ft	22	30,480	4,650	25,830

Dimensions shown are typical and variances are possible.

Features

- + Reinforced structure to withstand extreme cold and vacuum
- + Extra high insulation
- + Pharma grade hygienic stainless steel and aluminium interior suitable for vaccine storage
- + Cascade double compressors for extra low temperatures
- + Easy to operate escape hatch and mantrap alarm
- + Special door locking for extra tightness
- + Internal light

UltraFreezer Customers

- + Bio & Life Science
- + Vaccine Storage & Transport
- + Tuna Storage & Transport



ARCTICBLAST

For blast freezing & rapid chilling

RAPID CHILLING
1 TON FRUIT/VEGETABLES

FROM 30°C
(86°F)



TO 5°C
(41°F)

BLAST FREEZING
1 TON MEAT

FROM 5°C
(41°F)



TO -18°C
(-0.4°F)

TEMPERING
1 TON MEAT

FROM -18°C
(-0.4°F)



TO 2°C
(35.6°F)



**DOORS
AT BOTH
ENDS**

ArcticBlast	External (mm)			Internal (mm)		
	Length	Width	Height	Length	Width	Load height
10ft	2,991	2,438	2,591	2,360	2,292	2,310
20ft	6,058	2,438	2,591	5,634	1,760	2,245
40ft	12,192	2,438	2,896	11,768	1,760	2,550

ArcticBlast	Area	Cubic capacity	Pallets	Tare Weight	Max Weight	Door opening (mm)		Floor loading
Dimensions	m ²	m ³	EUR	kg	kg	Width	Height	kg/m ²
10ft	5.41	12.50	4	2,060	10,160	2,196	2,251	3,000
20ft	9.915	22.26	7	3,000	24,000	1,750	2,171	3,000
40ft	20.71	52.81	14	7,040	30,480	1,750	2,476	3,000

Dimensions shown are typical and variances are possible.

Features

- + Multiplied cooling effect: 2 x reefers in a 20' ArcticBlast2 and 5 x reefers in a 40' ArcticBlast5
- + Rapid chilling to 0°C and blast freezing upto -40°C
- + Constant high-speed airflow removes 1°C about every 20 minutes from 20 tons of products in ArcticBlast5
- + Gentle programmed tempering of frozen product
- + Powerful and power efficient machinery for optimal effect at affordable running cost
- + Hygienic pharma and food grade stainless steel and aluminium panels and floor
- + Doors with ramps at both ends for optimal product flow
- + Easy opening doors with internal door release
- + LED lights and mantrap alarm
- + ArcticBlast 'n' Store: combine blast freezing with storage connected via internal door



ARCTICSTORE TROPICAL

New generation of ArcticStore

**GREENER
FUTURE**



FROM

-40°C

(-40°F)

TO

+45°C

(+113°F)

SIZES

10'/3M

20'/6M

40'/12M



Improved
Insulation



Lower Energy
Consumption



Saving approx. 20%
on Energy Bills*

**Estimate is based on internal testing of empty container*

ArcticStore	External (mm)			Internal (mm)		
	Length	Width	Height	Length	Width	Load height
10ft	2,991	2,438	2,591	2,296	2,234	2,245
20ft	6,058	2,438	2,591	5,363	2,234	2,245
40ft	12,192	2,438	2,896	11,497	2,234	2,550

48.6% longer to reach 0°C from -40°C

19% less time to cool down from +25°C to -40°C than standard

Keeps temperature longer even after shut down of power cut

21.4% less energy to maintain -40°C



ARCTIC^{MINI}STORE

Portable cold storage, perfect for private and commercial events



FROM

-25°C

(-4°F)

TO

+5°C

(+41°F)

SIZES

8'/2.5M



ArcticMini Store	External (mm)			Internal (mm)		
	Length	Width	Height	Length	Width	Load height
8ft	2,438	2,200	2,438	2,297	2,059	2,153

ArcticMini Store	Cubic capacity	Tare Weight	Max. Weight	Door opening (mm)		Max. Payload
				Width	Height	
8ft	m3	kg	kg	1,280	1,997	kg
	9.15	1,000	2,500			1,500

Dimensions shown are typical and variances are possible.

Features

- + Reliable and affordable mobile refrigerated storage
- + Can be used on the ground or on a trailer
- + Can be towed by a car
- + Standard 220V Single-Phase refrigeration
- + Hygienic food grade stainless steel and aluminium panels and floor
- + Easy-open door with internal release
- + LED light and alarm
- + Perfect for private and commercial events and party catering

**PLUG IN
AND USE**



HOTSTORE

Experience warm storage solutions



FROM

+45°C

(+113°F)

TO

+85°C

(+185°F)

SIZES

10'/3M

20'/6M

40'/12M



HotStore	External (mm)			Internal (mm)		
	Length	Width	Height	Length	Width	Load height
10ft	2,991	2,438	2,591	2,296	2,292	2,310
20ft	6,058	2,438	2,591	5,363	2,292	2,310
40ft	12,192	2,438	2,896	11,497	2,292	2,605

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Features

- + High insulation value
- + Flat anti-slip aluminium floor
- + 220V LED internal lights
- + Maximum temperatures depend on the type of heat system used in the container:
 - With electric heating upto +65°C
 - With external gas heater upto +85°C at special request
- + Internal stainless steel wall panels
- + Thermostat to set temperature
- + Mantrap Alarm
- + Foundations or even ground is NOT required
- + Self bearing on the 4 corners



ARCTIC STORE ACCESSORIES



MAKE A GREAT USER EXPERIENCE EVEN BETTER WITH SUITABLE ACCESSORIES AND ADD-ON SERVICES

SUPPORT LEGS FOR ELEVATION



RANGE OF DIFFERENT RAMPS



GEN SET: CLIP ON GENERATOR



TRANSPORT SERVICES



NOISE REDUCING CABINS



SHELVES AND RACKING



BESPOKE REFRIGERATED STORAGE

YOU DREAM IT, WE PRODUCE IT!

- + Additional or alternative doors to meet your needs
- + Wall and floor reinforcements
- + Special / bespoke sizes
- + Dual temperature zones
- + Anterooms and docking stations

- + Seamless connections to existing buildings
- + Modular processing plants with storage and human service facilities
- + Fire extinguishers, racks, cages, meat hangers, trolleys, etc...
- + Abattoirs, restaurants, cafes, etc...



SMARTARCTIC

With TITAN's SmartArctic remote monitoring and control feature you can access your ArcticStore via a secure, simple and user-friendly interface.



- + Monitor your reefers remotely, see all data from controller
- + Manage performance
- + Download data for your audits: temperatures, humidity and many more
- + Set up alarm notifications to receive e-mails
- + Get data through global data-roaming

AT WORK. ON THE GO.
FROM HOME. **EVERYWHERE.**

SmartArctic not only saves you time and money, it adds value to your daily business activities.



HEALTH & SAFETY

ISO 9001 and ISO 14001 - The company follows strict ISO processes to maintain high level business standards and ensure a sustainable operation to protect the environment and reduce it's footprint globally.



HACCP - ArcticStores meet all HACCP requirements and are completely compliant. We are also certified from the Australian certification body.



Only hygienic food grade materials are used in the interior: stainless steel walls and aluminium floors can be high-pressure and steam washed to ensure clean storage environment. Hermetically sealed drain holes are located in each corner to ensure that water can be easily drained but prevent contamination from outside.



GDP - The high insulation values and precision temperature control machinery ensures that ArcticStore meets GDP requirements. ArcticStores can be delivered with GDP certification upon request.

ArcticStore puts key focus on Health and Safety as this is paramount – We comply with all regular H&S regulations related to safe working in cold-rooms.

Quality and acceptance process

Each step of the production process is controlled by certified quality control personnel to make sure that products coming out from the factory are of the highest standard and meet all specifications and requirements of regulations and of our demanding customers.



1. Internal LED lights
2. Light switch & trapped personnel alarm system
3. Emergency exit sign
4. Information and general overview decal
5. Internal emergency door release
6. Fluorescent safety information and illustrations
7. Escape hatch
8. Sliding strip curtain
9. Ramp with handle and safety edges

MOVING TO A GREENER FUTURE



TITAN's goal is to phase out all fossil fuel consumption by 2028, creating homemade green energy

Our plan is to replace all cars and vans with electric vehicles by 2024 and annually replace 15-20% of container handlers and lorries with environmentally friendly electric alternatives. We have also started installing solar panels in our depot locations worldwide to power our offices.

We have our environmental and climate policy communicated in the Code of Conduct signed by our suppliers and we continuously search for subcontractors engaged in protecting the environment.

Our Tropical ArcticStore models bring lower energy consumption with increased insulation and we are beginning trials of our solar powered ArcticStores. To measure our success, TITAN is ISO 14001 certified and all energy consumables are now being recorded annually.



WE CARE



SOLAR POWER

REDUCING ENERGY COSTS

Solar panels generate free energy to assist the power of the refrigerated containers

During daylight hours the roof mounted solar cells generate energy that is used to power the refrigeration. When more power is collected than the refrigeration needs or whilst the refrigeration is in “pause mode” surplus electricity generated flows back to your power connection and will be used elsewhere in your grid. At night the refrigeration runs solely on the grid supply.

Full independent off-grid operation is also available upon request. A hybrid of extra solar panels, batteries and diesel generators are several options based on local conditions to provide off-grid power.





TITAN OFFICES

Scan the QR code to visit ArcticStore.com
and view our locations worldwide

