



BroadCool



BREESEN

Authorized dealer of Broadwell Air Domes
and BroadCools in Indonesia

to start with....,

we would like
to show a short
video



Yunnan produced best Blueberry in China



BroadCool is a unique product of Broadwell, which is a portable cold storage, comes in two variants, first for maintaining temperature 0°C to 5°C and second for maintaining temperature up to -5°C, with several distinct advantages, such as:

1 Anti-Bacteria Property

Patented design of Broadwell, known as **Bluesky-Sterilization system**[®] provides anti-bacteria properties which kills the bacteria to 99.3%, enhance retention life of products.

2 Anti-bacteria membrane

The inner membrane of BroadCool uses Broadwell 's patented **ClearStrong**[®] **antibacterial membrane** material, which makes it suitable for storage of even sophisticated medicinal goods. In addition to Bluesky Sterilization technology, the specially design membrane has the characteristics of killing bacteria independently and can provide sterile and clean environment, enhancing the product retention life.

3 Very fast set-up

Special design of foldable type of structure makes it very fast set-up. Whole system may be set-up in **5 to 6 hours**. It does not require any foundation and just need a plain surface. Very easy for **modular expansion** and **easy to move/relocate**.

4 Larger space

BroadCool provides much larger space than conventional container type cold storage. Standard module comes in the size of 16mL x 6mW x 3 mH, which provides **~ 230 m³ volume for storage**.

5 Intelligent Control

BroadCool adopts digitally intelligent control system which may be **controlled/monitored remotely** through Mobile Applications. Digital control **ensures optimum power consumption and maintaining desired temperature** under all circumstances and under all types of ambient conditions.



BroadCool being easy to carry, move, relocate and install, it may be used **at farms** to preserve the products immediately after harvesting, it may be used in **bulk storage warehouses**, it may be used in **retail shopping area**, etc. Some of the common applications are:



Fruits



Tea leaves



Vegetables



Medicines

Anti-bacterial property

BroadCool cooling system is equipped with Broadwell's patented technology, called as "Bluesky Sterilization System", which uses solid alkali technology, which kills the bacteria more than 99%, and therefore increases retention life of products stored inside. Due to high killing rate of bacteria of Bluesky Sterilization technology, it can be used effectively for storage of virus vaccinations also. This technology forms a protective shield inside the cold storage to effectively block the spread of new virus and it has no negative impacts on human body .



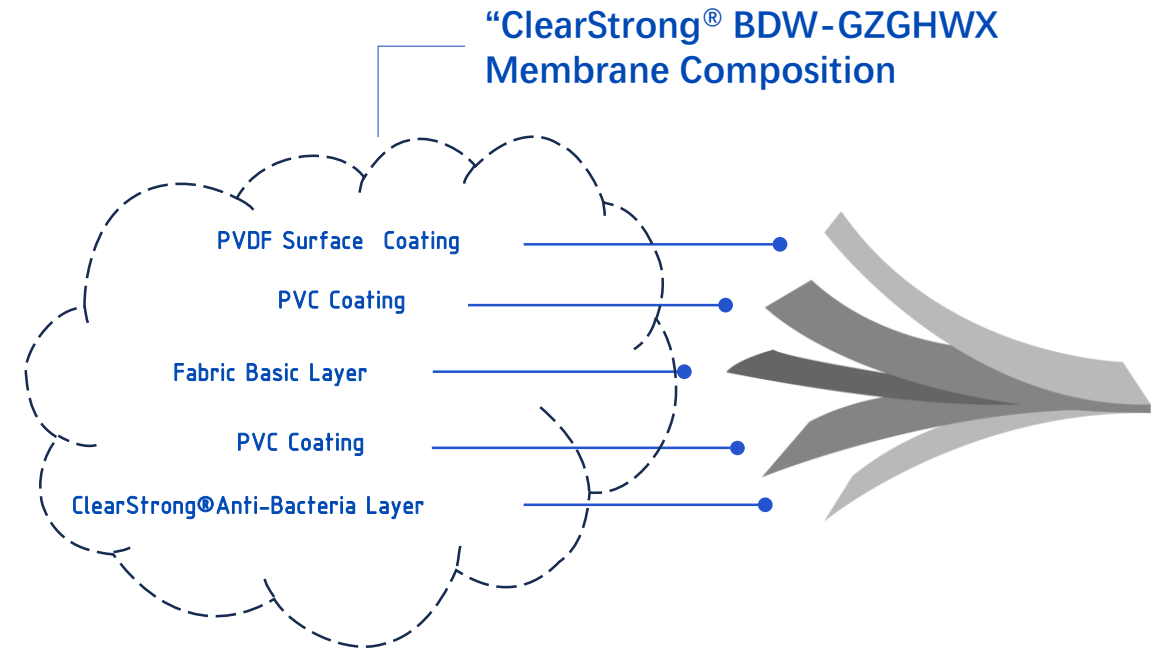
Video showing real time experiment



◀ **BLUESKY Core Technology Material**



BroadCool uses Broadwell's patent "**Clearstrong® BDW-GZGHWX Membrane Composition**" which provides higher strength, higher insulation property, and innermost layer is a patented technology Anti-Bacteria layer which prevents development of bacteria inside the storage area



ClearStrong® Ultra High Strength protective coating technology



B1 level Fire Retardant Material



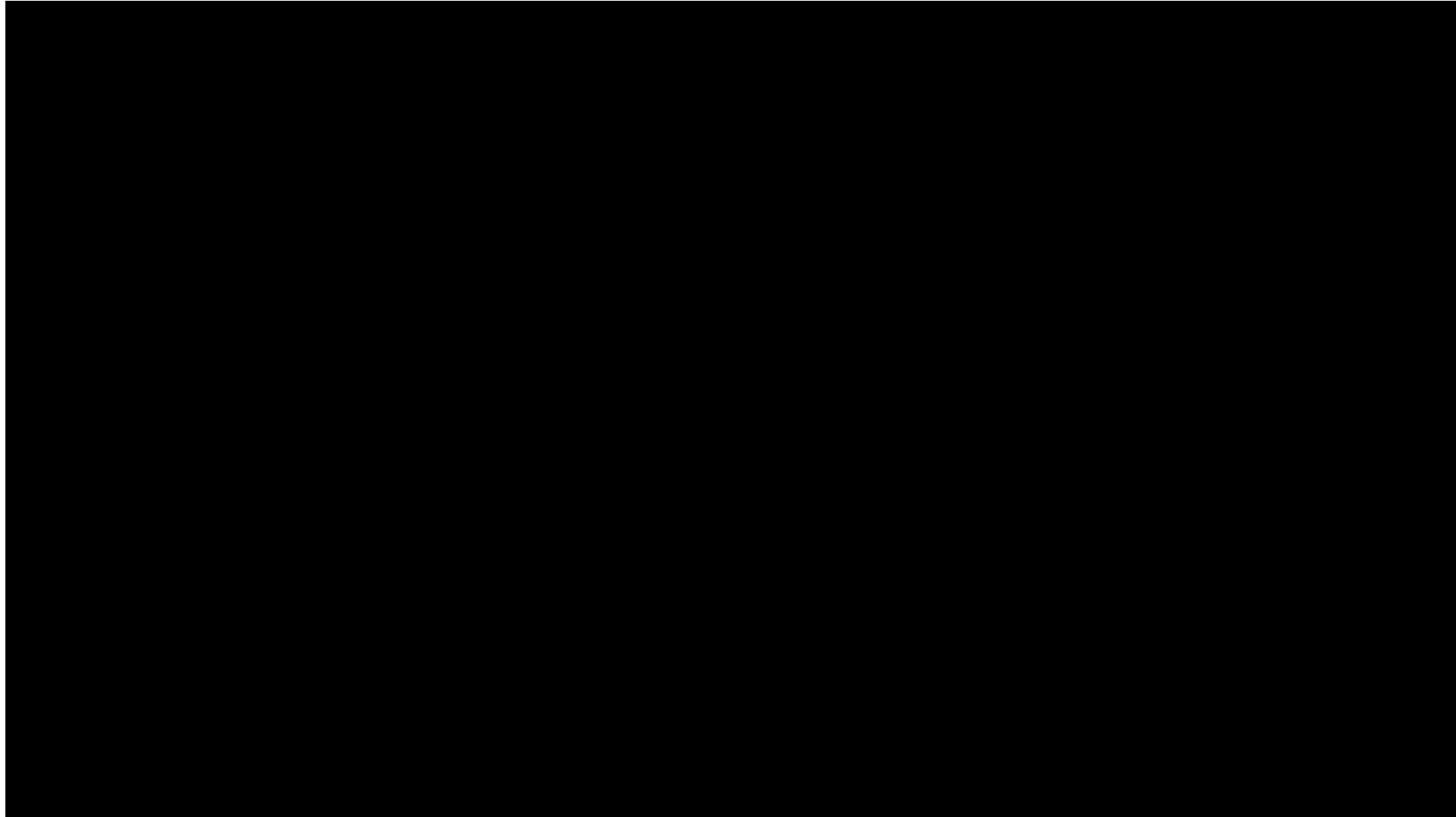
Military Bulletproof fiber fabric Super Tear resistance



Passing 5000 times anti-kneading strength experiment

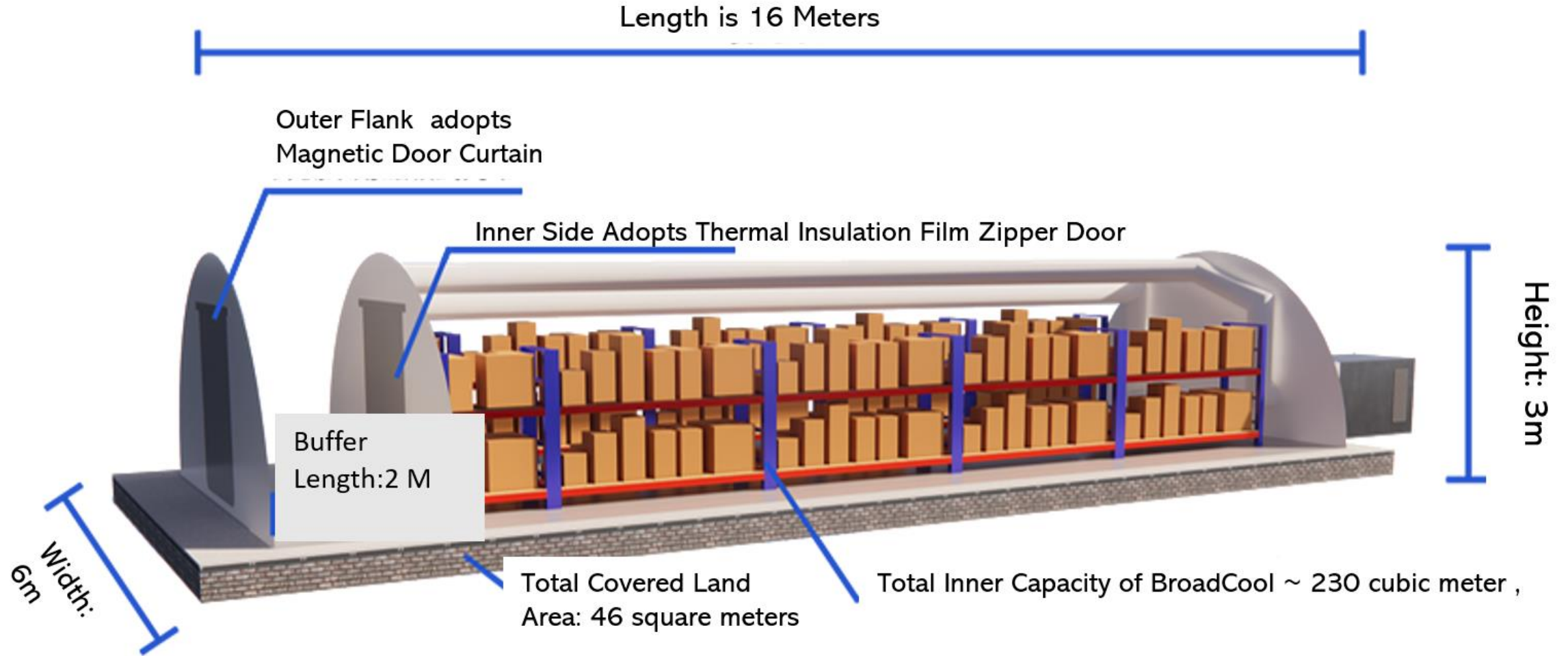
BroadCool does not require any foundation work. It may be set-up up on a plain surface. The whole system may be **set-up in 3 3 to 4 hours**. Structures comes in folded form which is very fast and and very easy to install. This characteristic makes it very convenient to expand in modular modular way and easy to relocate.

Video showing installation of BroadCool



Large space

BroadCool provides a larger space of storage than conventional container type cold storage. Though, it comes in standard size as shown below, length of BroadCool may be changed as per specific requirements.





Broadwell Cloud Control

Broadwell Cloud Control is an exclusive cloud monitoring system. Function includes: Product Information Checking, Product parts traceability, Product Profile Checking, Product Installation video checking, Product Operation Status checking, Abnormal alarm of product operation etc. Each Part of the products includes QR code for traceability. Scan QR Code to get the information of each product.



Mobile App. & Web Account

BroadCool comes with Mobile Application and Web Account by which each product and status of cooling can be monitored remotely and efficiently. Application comes in Chinese and English language.

Few references

BroadCool



Yunnan Wenshan Blueberry Storage



Consists of five standard module of BroadCool which are installed at plantation area. Blueberry is stored, sorted and packed here for further distribution.



Shandong Yellow Peach Storage



Hangzhou Vegetable Storage



Guangdong Foshan Blueberry storage





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