

# ABSORTOP®

## SUPERIOR MOISTURE CONTROL FOR BOTH DRY AND MOIST CONTAINERIZED CARGO

### HOW IT WORKS

1. Calcium chloride behind an absorption grid aggressively removes moisture from the air.

2. Moisture turns into brine and is permanently trapped in a plastic collector during the entire voyage—preventing re-evaporation.



### UNIQUE FEATURES

- Patented technology creates a damage-free environment for both moist and dry cargo within the shipping container—during an entire intermodal journey at sea, on land and over rail.
- Provides wider safety margins to protect cargo during both short and long voyages under a broader range of conditions.
- Collector is impact-resistant for added protection in the event of shifting cargo.
- Quick and easy installation, removal and disposal.

### CARGO APPLICATION

For use with dry cargo such as steel and aluminum coils, machinery and all kinds of consumer goods; as well as moist cargo, typically agricultural commodities such as hay, coffee, cocoa, peanuts, beans and sugar. Specifically designed for cubed out containers.

### CARGO LOAD CONFIGURATION

- For any very tightly stuffed or bulk loaded cargo
- Requires only 8 — 10" (200 — 250 mm) free space between ceiling and cargo.

### PRODUCT SPECIFICATIONS

#### Units Needed

<u>Container Size</u>	<u>Dry Cargo</u>	<u>Moist Cargo</u>
20'	2-4	4-6
40'	3-6	6-12

#### Collection Capacity

Up to 4 liters of brine water.

#### Working Temperatures

-4° to +150° F / -20° to +65° C

#### Size

H: 15 1/2" / 395 mm  
W: 15" / 380 mm  
D: 4 1/2" / 115 mm

#### Weight

5.5 lbs / 2.5 kg

#### Disposal

Made only of non-toxic and recyclable materials (PE-PP plastics and Calcium Chloride)

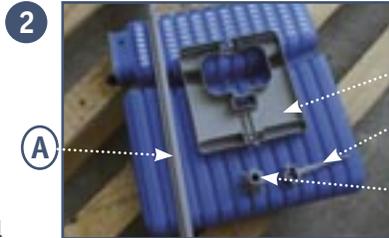
#### How to Install

(See Other Side)

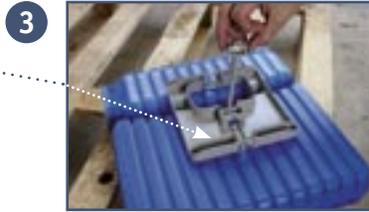
# HOW TO INSTALL THE ABSORTOP®



The ABSORTOP® is designed to hang in the loops located at the top of the container wall panels and to be used for tightly stuffed or bulk loaded cargo.



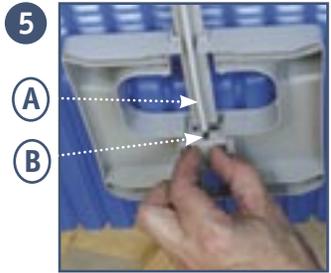
Locate the 4 gray attachment parts (packed separately: A -Hook Bar. B-Threaded Rod. C -Cup Nut. D -Main bracket.).



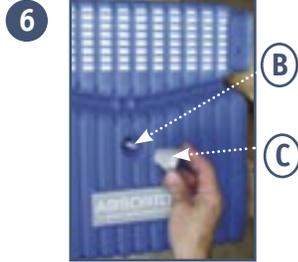
Place the main bracket (D) into the slot on the back of the ABSORTOP®



Insert the hook bar (A) halfway into the bracket (D) from the top...and lower the threaded rod (B) through the bracket (D) into the hole in the ABSORTOP® leaving only the top of the threaded rod (B) exposed.



Holding the top of the threaded rod (B), slide the hook bar (A) through the top of the threaded rod (B).



Holding the assembly in place, turn over the ABSORTOP® and loosely thread the cup nut (C) onto the threaded rod (B).



Using a stepladder and holding the bottom of the hook bar, lift the unit up all the way up to the ceiling and place the hook on the loop in the container wall.



Once the hook is pulled down into the loop...



hold the bottom part of the hook rod and push the blue housing all the way up to the ceiling.



Once in the proper position, tighten the cup nut to finish the installation.



The upper part of the housing (A) contains the salt and must be exposed to the air. The lower part (B) can be covered with cargo if necessary.



Hang the ABSORTOPS evenly on both sides of the container.

**BUFFERS USA™** 

Securing Your Containers. Protecting Your Cargo.

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