

**ETHYLENE CONTROL**



✓ POST HARVEST

✓ RETAIL

ENERGY



# Prodew

Water, Air & Energy Innovations

## Ethylene Control

## WHY ETHYLENE CONTROL?

An ethylene control system prevents pre-mature ripening, prevents the spread of bacteria and fungal spores and extends the shelf life of post-harvest products.

## APPLICATION

Prodew/Bioconservación's Ethylene Control System can be used in warehouses, distribution centers and retail locations where produce is kept in storage until it reaches the supermarket shelf.

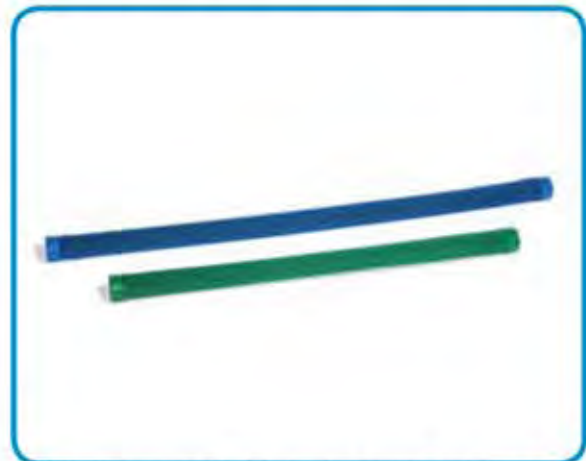
Prodew/Bioconservación's ethylene control filters and sachets are specially designed for use in transport to ensure that produce stays fresh at every point along the way from post-harvest to retail.

## FEATURES & SPECIFICATIONS

- Potassium Permanganate Granules Absorb Ethylene
- Several models available from 30" x 13" x 24" to 54" x 13" x 24" (71cm x 32 cm x 61cm to 136cm x 32cm x 61cm).
- Weight from 73lbs to 112lbs (33kg to 51kg).
- Air Flow 850 cubic meters/hour and 1700 cubic meters/hour. 110 or 220 VAC.



For Post-Harvest and Distribution Center Storage



For Use in Transport in Refrigerated Trucks and Cargo Containers



For Use in Produce Cartons

# FRESHNESS TECHNOLOGY

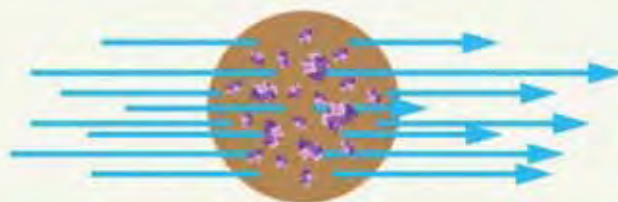
## PRODEW/ BIOCONSERVACION FRESHNESS TECHNOLOGY

COMPETITOR



Air flows *around* their non-porous granules.

PRODEW/  
BIOCONSERVACION



Air flows *through* our porous granules.



For Post-Harvest and Distribution Center Storage



Specially Formulated Potassium Permanganate Granules Absorb Ethylene

## MAINTENANCE

Quick and easy drop in replacement of filter cartridges. No technical skills required. Change filters per maintenance schedule based on machine size and the size of the room.

# Comprehensive Solutions for Grocery Retail and Post Harvest Preservation

## Misting Systems Maintain Freshness

- For vegetables, seafood, plants, people cooling, golf carts and more
- Adaptable to fit into all types of display cases
- Versatile – adjustable nozzles with easy fingertip turn on/off wing nut on every nozzle
- Environmentally friendly – NO PVC
- Complete premium plug and spray unit includes pump, timer, filter and expansion tank
- Operates at safe 24 VAC



## Display Case Humidity Prevent Dehydration

- For meat, seafood, delicatessen and flower displays
- Maintain fresh appearance of product for increased sales
- Maintain weight and prolong shelf life
- Fog-like mist, created using compressed air and water



## AC Mist Save Energy

- Provides a substantial reduction of energy costs – as high as 30% in some areas.
- Allows AC systems to run more efficiently, reducing energy demand
- Extends the life of equipment
- Can be used on any AC Condenser or Chiller that is air cooled



## Storage Humidity Extend Shelf Life

- For cold room and warehouse storage
- Maintain up to 98% relative humidity without wetting the product
- Maintain freshness and weight for vegetables, meat, fruit, flowers and more
- Can also be used in banana ripening rooms, wineries, mushroom growing facilities and more
- Optional remote computer control integration



## Mobile Mist Maintain Freshness

- Ideal for vegetables, plants and flowers, where automatic misting is not possible
- Lightweight, mobile watering unit
- Battery operated
- Low cost



## Night Covers Save Energy

- For refrigerated vertical and horizontal cases and chillers
- Lower energy consumption during non-business hours
- 5-Year warranty
- Customizable, manual or motorized slow rise options available
- Magnet or screw-mount options available

## Open View Save Energy

- The Open View system replaces traditional glass doors in refrigerated displays
- Refrigerated cases and chillers



## Ethylene Control Prevent Premature Ripening and Extend Shelf Life

- For use in supermarket and warehouse storage facilities
- High flow rate – circulates a room in one hour
- Quick and easy drop-in filter replacement
- Disinfectant against bacteria and fungal spores



## Reverse Osmosis/Anti-Scalant Solve Hard Water Problems, Eliminate Impurities

- For all storage and retail applications where water is used
- Prevents buildup of scale and rust in the water channel
- Protects appliances such as ice machines, bakery proofers, coffee and espresso machines
- Allows pumps to work more efficiently



1. Administration Offices
2. Engineering & Manufacturing
3. Shipping & Receiving/Storage
4. Manufacturing & Storage

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Prodew believes protection of the environment is essential and practices conservation, including recycling.  
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