

**ENERGY SAVING AC MIST**



✓ RETAIL

✓ POST HARVEST

✓ ENERGY



Made in the USA



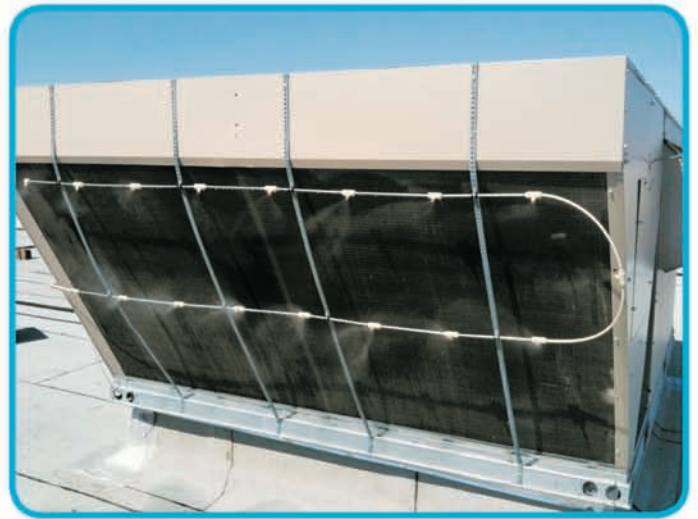
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# Prodew

Water, Air & Energy Innovations

## Energy Saving AC Mist



## WHY?

- AC Mist provides a substantial reduction of energy costs – as high as 30% in some areas
- AC Mist allows systems to run more efficiently and less frequently, reducing energy demand
- AC Mist extends the life of equipment

## APPLICATION

Can be used on any AC condenser or chiller that is “air cooled”



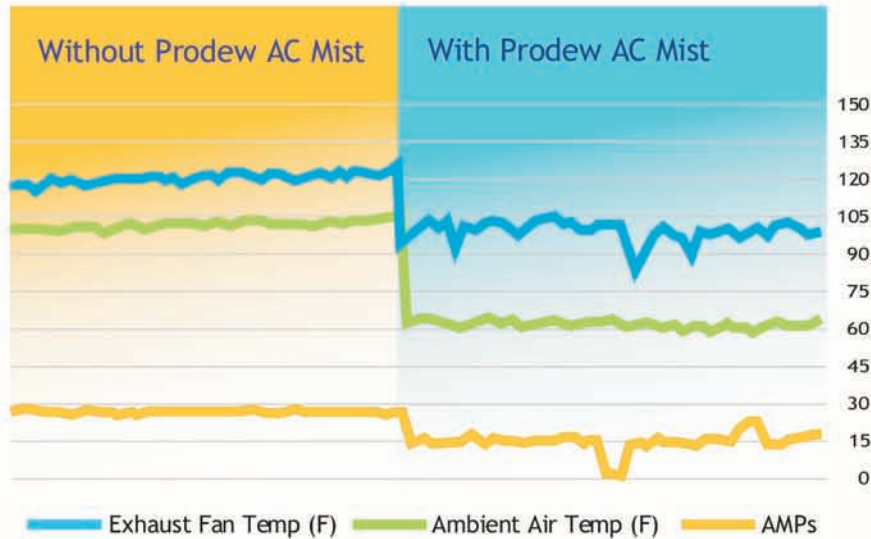
## MAINTENANCE

Filters and membrane should be changed according to the manufacturer’s suggested maintenance schedule. Maintenance depends upon water usage. Typically, filters should be changed every three months and membranes should be changed every six months. For a system that mists four to five 15-ton condensers, monthly costs can be approximately \$300/month. This number, however, varies greatly, depending on local labor and materials costs.

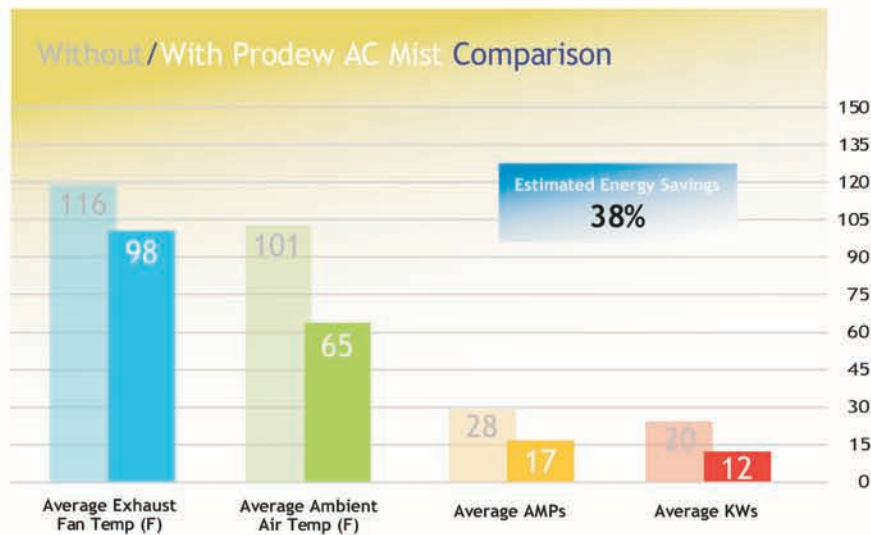


# ENERGY SAVINGS

## Study results for STIHL, Inc., 2010



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## FEATURES & SPECIFICATIONS

- Can reduce AC costs up to 30%. Average Savings = 26%
- Dimensions: 48"(w) x 25"(d) x 43" (h)
- Weight (dry): 188 pounds
- Materials: Steel frame and case, copper, aluminum and plastic parts
- Electrical Requirements: 110 vac, 60 Hz, 15 Amps
- Operation Range (temperature): 45°F (min) – 125°F (max)
- Required Input: 20 PSI (min) TDS in Source water: < 1,000 PPM
- Average Output: 0.13 GPM – 1.2 GPM (depends upon model)  
TDS in output water: < 100 PPM (at maximum setting)
- Filter Type(s): 4-Stage
  - (a) GAC Carbon
  - (b) PAA chemical – Cool Release
  - (c) 5 Micron sediment
  - (d) Nano Filter - up to 3 per system



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# 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



## 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



## 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



## 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



## Mobile Mist Maintain Freshness

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



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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