



# TEMPERATURES ARE DROPPING

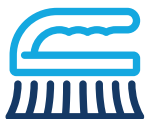
## It's time for seasonal cooling system maintenance

Evaporative cooling systems play a crucial role in poultry housing. They maintain lower temperatures, even on hot and humid days, and they keep birds healthier by establishing airflow that can limit the spread of pathogens.

Cooling systems need regular attention to operate at peak capacity. In particular, the cool cell pads that are part of evaporative cooling systems can become contaminated with mineral scale, organic buildup, bacteria and viruses. This buildup can reduce their ability to maintain airflow and possibly even contribute to higher pathogen concentrations in poultry housing. Buildup may also lead to costly system repairs.

### Cool cell pad cleaning, disinfecting and system flushing

Seasonal cleaning and system maintenance can prevent problems and keep the system in top condition for years of use.



#### Step 1

Remove loose scale and buildup from cool cell system. Flush thoroughly.



#### Step 2

Apply product to the front of the pad according to the manufacturer's directions.



#### Step 3

Wait at least 15 minutes and then rinse pad with low pressure water spray.



#### Step 4

Add product to recirculation tank according to manufacturer guidelines. Wait a minimum of 2 hours before flushing system.



#### Step 5

Flush holding/circulation tank according to the manufacturer's guidelines.



## Evaporative cooling system maintenance tips

1. Be sure the cleaning solution you've chosen is approved by the cooling system's manufacturer.
2. Perform cleaning and a system flush at a minimum of once a year, but also between flock changes if possible.
3. Do not use high water pressure or a power washer. The force may damage the cool cell pads.
4. Monitor cooling system water reservoir levels for excessive organic material or mineral buildup. Flush system as often as needed.

## Featured cleaning products and tools checklist

Make sure you have these products on hand when you start seasonal cooling system maintenance and cleaning. Contact your Animal Health International representative with specific questions about your facility's needs.

Tools:

- ☐ Backpack sprayer or 100' hose
- ☐ Hose splitter
- ☐ Multipurpose sprayer
- ☐ Filter wrench
- ☐ Screwdriver
- ☐ Cleaning solution
- ☐ Broom
- ☐ Angle pick

### Cleaning Products:



#### **Zinpro's Cool Cell Pad and Line Cleaner**

The industry standard cleaner and descaler for livestock water lines, cool cell pads and other surfaces.



#### **Soft Jamb Company's Aqua Phure**

The solution for cleaning and descaling commercial recirculating cooling water towers, cool cell pads, water lines and other surfaces.



#### **Neogen's Synergize®**

A multipurpose disinfectant cleaner formulated specifically for animal and poultry housing. It's effective in either hard or soft water and kills both gram-positive and gram-negative bacteria, viruses and fungi.



#### **Neogen's Barnstorm®**

An effective, heavy-duty disinfectant and descaler concentrate. Removes both organic and inorganic soils prior to disinfection.