

# Anti-Legionella Cooling Tower Filters

## Force Field™ Filters are designed to reduce Legionella in water by 99.99%!

Cooling towers are public enemy #1 when it comes to risk from Legionella. Everything about the conditions of the water in these systems make it the perfect breeding ground for this dangerous bacteria. Unfortunately, the design of these systems makes Legionella control a huge challenge and there is no one method that completely gets the job done.

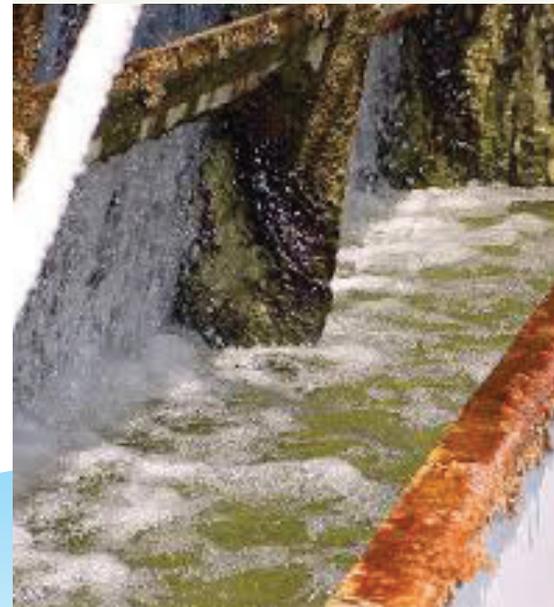
Now, Triple Clear has developed a cooling tower add-on solution that enhances any existing treatment plan with significant benefits.

Our filters can be easily added via a side flow from any point in the water circulation system. Most commonly they are added in the mechanical room off the pumps or on the roof off of the basin.

Triple Clear's systems work differently than the traditional treatments, offering tremendous advantages.

## Features:

- Remove forever the cellular remains of dead contaminants (endotoxins & cellular debris) in water, which can create a prime breeding ground for bacteria with biofilm and biofouling.
- Remove large amounts of sediment from the water extending the life of expensive HVAC systems and reducing maintenance costs.
- Are completely GREEN! They require no chemicals and no electricity to clean your water.
- Don't require backwashing--saving thousands in wasted water costs annually
- Reduce the amount of contaminants in your system, reducing the amount of chemical treatment needed—saving money and making a positive environmental impact.



## FORCE FIELD™ ANTI-LEGIONELLA COOLING TOWER FILTERS

### Significant Benefits:

- 99.999% removal capability for Legionella
- Virus & Bacteria remain bonded to filter and cannot be jarred loose during change out
- Excellent removal of biofilm and cellular debris caused by chemical treatment
- Extends time between cleanings, makes cleanings easier, and may reduce chemical usage
- Systems can be designed up 1200gpm
- High contaminant holding due to large internal surface area
- Available in standard and custom sizes



### Materials of Construction:

|                         |  |
|-------------------------|--|
| Filter Media:           | 3 layer laminate with Spunbond and Alumina |
| Pleat Support Material: | Polypropylene                              |
| End Caps:               | Polypropylene                              |
| Molded Cage:            | Polypropylene                              |
| Sealing:                | Thermally bonded                           |
| Max Operating Temp:     | 175 degrees F                              |
| Nominal Dimensions:     | 6.5"OD x 20", 30", 35" or 40" long         |
| Max Flow Rates:         | 45gpm per 40" filter element               |
| Micron Ratings:         | Electroadsorptive to 0.01micron equivalent |
| PH Ratings:             | 4-11pH                                     |