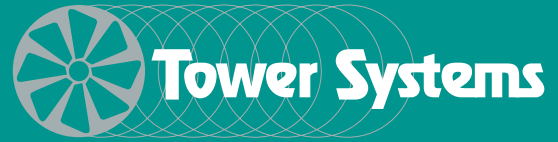


The Cooling Tower Specialists

Stay cool, we're on top of it.



Cooling Tower Air Intake Mesh



The Problem

A common cause of cooling tower problems is a build-up of previously airborne, often organic, foreign matter which is drawn into the tower or condenser blocking strainers/filters throughout the system.

Insects, leaves, seeds, feathers or similar can decompose and build up as sediment providing a potential harbour or nutrient for bacteria or develop as corrosion cells.

"air inlets should be designed and protected so as to minimise splash-out or windage losses and to avoid leaves and other contaminating debris being drawn into the tower."

HSG274 Part 1 2013

The solution

Tower Systems offer air inlet filter screens of PVC coated polyester mesh with vinyl borders and quick release fasteners. These are custom manufactured to suit any size or shape of cooling tower inlet.



MINIMAL AIRFLOW REDUCTION
UP TO 15 YEARS LIFE SPAN

The benefits

Reduces:

- Fouling of pond and fill packs
- Fouling of inline strainers
- Downtime due to maintenance
- Build-up of organic matter in water basins
- Nutrient source for bacteria

Diffuses sunlight to reduce algal growth.



Pond strainers catch larger particulate but finer items pass through settling out in low velocity areas.

