

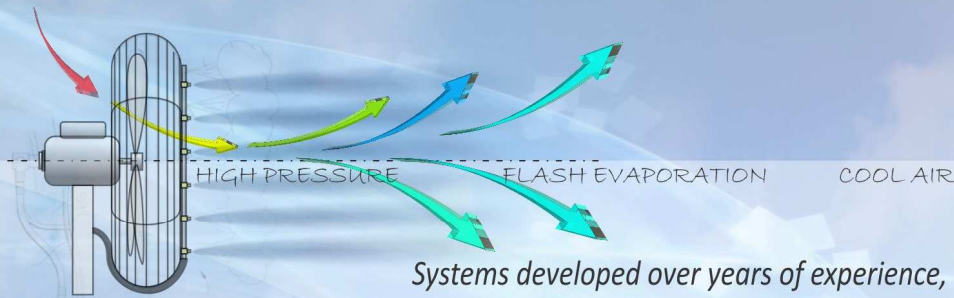
On the
Gold Coast

GreenFrogMisting



COOLING "ENVIRONMENTALLY SMART"

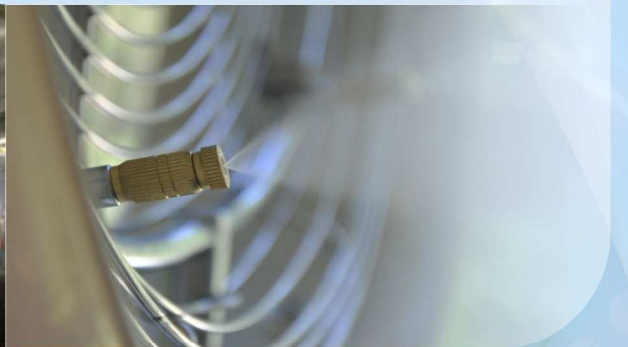
Increasing employee productivity in warehouses/workshops/foundries and core sheds by reducing heat stress with our efficient and effective GreenFrogMisting system



Systems developed over years of experience, creates virtually instant evaporation of water vapour, optimally dispersed under high pressure into circulating air. Simple science extracts heat out of the atmosphere as each droplet evaporates in an endless flow of natural cooling air.

Why GreenFrogMisting high pressure systems?

- ✓ Keeps your staff cooler up to 10 degrees Celsius or more
- ✓ Reduce Heat Stress
- ✓ Supports a safer work environment
- ✓ Increase employee comfort, productivity and profits
- ✓ High Pressure mist flash evaporates which means you don't get wet
- ✓ Deter Flies and other insects
- ✓ Assists in reducing pollens and dust in the air
- ✓ Uses minimal water under a high pressure pump
- ✓ Energy efficient
- ✓ Minimum maintenance required
- ✓ Quality equipment and after sales service
- ✓ Simple operation



A team is ready to provide you with professional advice and to quote on standard or custom designs.

CONTACT: GreenFrogMisting at 0418 880 181, 0412 018 845 or 0431 253 081

GreenFrogMistingProduct Detail

How does this cooling work?

GreenFrogMisting Systems deliver a cooling mist of very fine water droplets of up to 10 microns in size under high pressure. The air temperature is reduced by the flash evaporation of the fog. This is done by forcing water through small appropriately sized nozzles under high pressure producing clouds of small drops which absorb heat as they flash evaporate in the air. This can reduce the surrounding air temperature by up to 10°C or more depending on the weather conditions.

High pressure pumps dispense water at 1000psi through nozzles producing water droplets, some as small as 5 microns in size. This in combination with fans ensures that the mist cloud stays in the air long enough to evaporate, before condensation takes place on the surfaces of the surrounding areas. Therefore this will not wet the skin of your employees, guests or clients when installed and operated properly.

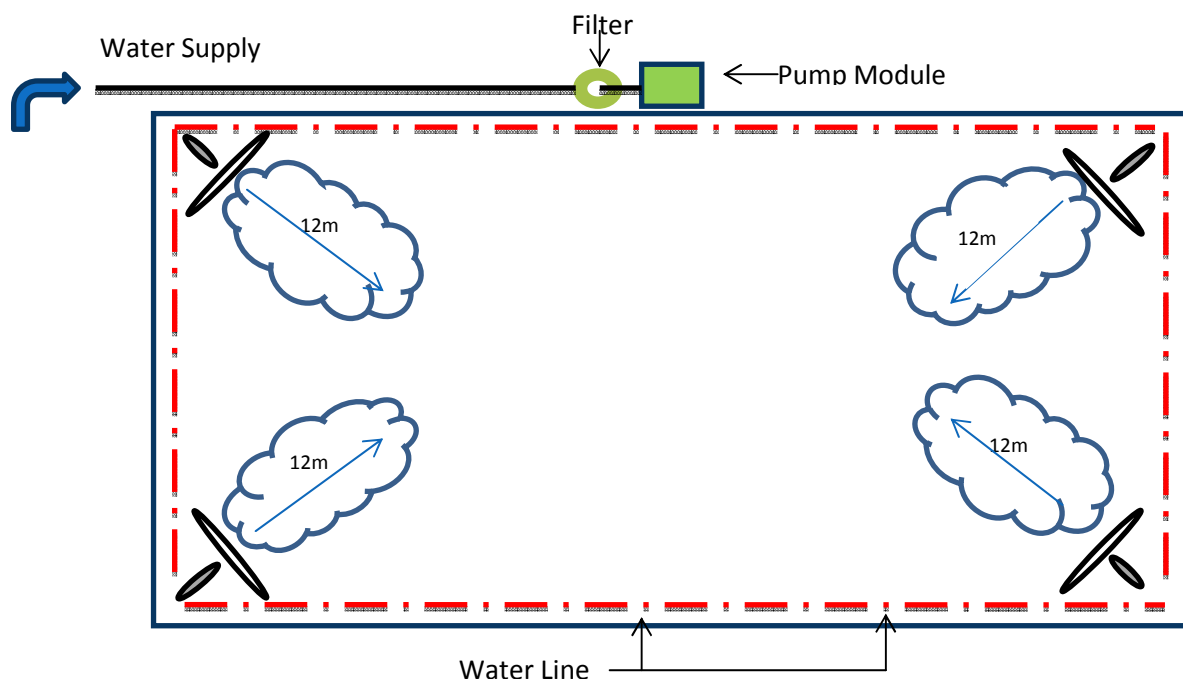
Installation:

Each installation:

- is **custom** designed by GreenFrogMisting to ensure optimum output and efficiency fine tuned to each customer's needs.
- is neat and unobstructive as they are retrofitted to any environment with no damage or change to existing structure.
- operates on regular council water and power.

Each installation will consist of a combination of pump and filter, fixed lines, misting fans and or misting nozzles and GFM control unit.

Illustration of sample installation:



Is any maintenance required?

The only maintenance required for a properly designed misting system is a periodic cleaning of the nozzles and a semi-annual 'check-up' for the pump. This check-up may include adding or changing of the oil and tightening or replacing of fan belts (only on the pulley driven pump models), and changing of the filter cartridge.

Other areas of application:

	Cooling	Flying Insect control	Dust control	Odour control
Restaurants, Cafés, bars, hotels	✓	✓	✓	
Residential, patio's Garden, pool.	✓	✓	✓	
Warehouses	✓		✓	✓
Fresh produce displays and storage	✓	✓	✓	✓
Industrial workshops	✓		✓	✓
Greenhouses	✓	✓	✓	✓
Livestock, stables	✓	✓	✓	✓
Mine, quarry			✓	✓
Waste water, sewerage plants		✓		✓