

DUST PARTICLE SUPPRESSION

OZmist Dust Suppression Systems are an extremely cost effective and efficient way of controlling fugitive dust. They are simple in operation, have a low operating cost, are easily installed, will not have any detrimental effects on machinery and will not wet floors or machinery.

All OZmist dust suppression systems utilise a high pressure pump module connected to a series of mist lines & nozzles. The pump module pressurises tap water to 70 bar. As the water passes through the nozzle it is broken into millions of tiny water droplets that average 10 microns in size. As the ultra fine droplets fall, they attach themselves to airborne dust particles and knock them out of the air.

WHY SHOULD YOU CHOOSE OZMIST?

The OZmist stainless steel tube system is the strongest on the market and no more expensive than nylon tube systems from other suppliers.

Our atomisation lines are constructed from pre cut and machined 304 grade stainless steel tube. The chrome plated fittings are machined from brass and have an internal O ring and an external grub screw that locks into the tube groove ensuring a leak and twist free connection. Mist lines are fixed to the underside of trusses or secured to continuity wires run between the walls. Nozzles simply screw into the unions between the tubes.

✓ EASILY INSTALLED

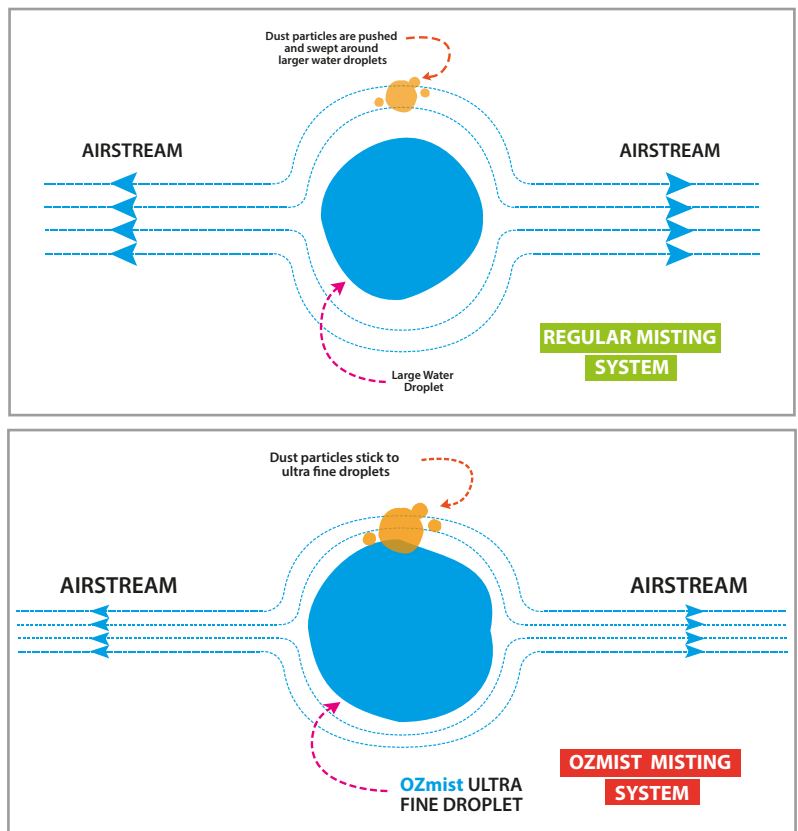
✓ CAN BE RETROFITTED

✓ NO AREA TOO BIG

✓ ODOUR NEUTRALISING



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WE ALSO SUPPLY A DOSING MODULE WHICH DELIVERS A PRECISE AMOUNT OF ODOUR NEUTRALISING AGENT TO THE MIST.

INSTALLATION & SPECS

Installation of an OZmist dust and odour suppression system is a relatively quick and simple process. Everything you need for your installation is included in the kit. We include a full installation and operating manual as well as phone support. Installation may also be available in some areas.

For quoting purposes, contact the design team at OZmist via email with photos of the area in question, and include area dimensions. We will then custom design a system for you and supply it in kit form.

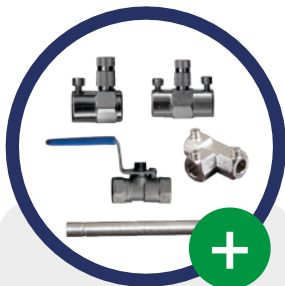
WHY SHOULD YOU CHOOSE OZMIST?



OZmist industrial pump modules are manufactured in Australia using the most robust components available. With minimal maintenance they will give years of trouble free service.

Larger modules are available in single and three phase.

We are that confident that we offer a 2 year warranty on industrial pump modules. Our modules are fabricated from stainless steel and fitted with dual water filtration as well as low water pressure protection.



Misting lines are normally supplied in pre-cut and machined lengths of stainless steel tube which work seamlessly with our range of Quick Fit fittings. We stock kilometres of stainless steel tube and thousands of fittings so your system can be supplied in the shortest time.

Alternatively we can supply nylon mist lines and Push Lock fittings. Supply lines between the pump and mist lines are normally run through high pressure nylon tube.



3/8" high pressure semi rigid nylon tube connects the pump module to the Quick Fit tube system. Compression fittings and tube saddles are supplied to use with the nylon tube.



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GOT AN ODOUR PROBLEM?

OZmist manufactures the odour dose unit for use with our industrial pump modules. The odour dose module contains a electronic persitalic dosing pump, capable of introducing minute amounts of odour neutralising agents into the water supply prior to the misting pump. There is space for a 5 litre chemical container inside the module. The odour dose also has a twin stage timer to start and stop the dosing pump at set intervals.