## **EXAMPLE 2** TOTAL CLIMATE SOLUTIONS **INDUSTRIAL** COOLING SOLUTIONS

In most Australian states summer temperatures reach well above 35°c. It is a proven fact that high temperature

has many negative impacts on the workplace such as;

- ✓ Increased risk of accidents
- ✓ Increased absenteeism
- ✓ Low staff morale
- ✓ Reduced productivity

OZmist are the experts in workplace cooling systems. Our high pressure misting systems provide instant cooling without any wetting of floors or surfaces or rusting of tools or raw materials.

The secret to the OZmist system is the high pressure pump module which pressurises tap water to 1,000psi. A single pump module will service multiple fans which are connected with a high pressure tube.

In most installations misting fans are installed above work stations to provide "spot cooling". The ultra fine mist is blown over the work station and as it evaporates it absorbs the latent heat in the air, providing a temperature reduction of up to 12°. The heavier cool air drops displacing the lighter warm air which then rises to be cooled. The amazing thing is that there is no wetting of floors or surfaces. You may also be able to retrofit existing fans in your workplace.

OZmist offer a complete **CONSULTATION AND DESIGN** service. OZmist cooling systems have a low purchase and installation cost while requiring minimal maintenance.

**INSTALLATION** is a quick and simple process that does not require accreditation. A full installation and operating manual is supplied with each system as is phone support. Installation may be available in certain areas, contact OZmist for more information.

Operating **COSTS** are very low. Depending on the size of the system a medium to large scale system could be less than \$1.00 per hour.

IDEAL IN FACTORY & WORKSHOP AREAS WHERE ROLLER DOORS ARE LEFT OPEN THROUGHOUT THE DAY.

Finance options may be available. Please contact us for information

OVER 17 YEARS EXPERIENCE

AUSTRALIAN MANUFACTURER

WORLD CLASS PRODUCTS

CUSTOM SOLUTIONS

+

CUSTOMER SUPPORT



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## **OZmist** TAL CLIMATE SOLUTIONS INDUSTRIAL **COOLING SOLUTIONS COOL ANY SIZED INDUSTRIAL SPACE**

Installation is a relatively quick and simple process. For quoting purposes, contact the design team at OZmist via email with pictures/ photos, include area dimensions and we will then custom design a system and supply it in kit form.

CONTACT US FOR YOUR CUSTOM COOLING SOLUTION

AKIGHE



An instruction manual which covers installation and running of the system is provided with each kit. OZmist pump modules are designed and manufactured in Australia using the finest components available. With minimal maintenance they will give years of trouble free service.



Misting rings are fitted to high velocity fans. OZmist stock and supply a range of 450mm, 650mm and 750mm wall mounted/pedestal fans which also include a new 650mm fans designed for outdoor use and is IPx4 rated. Alternatively OZmist can provide retrofit kits for use where existing fans may already be installed. The misting rings with nozzles simply cable tie onto the front of the fan guard.



3/8" High pressure semi rigid nylon tube connects the pump module to the stainless steel misting rings. **Compression fittings** and tube saddles are supplied to use with the nylon tube.

## **WE CUSTOMISE A SOLUTION TO COOL ANY SPACE SIZE**



20m

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