



Focus on Fog

"Focus on Fog" is published electronically every two months with news, views and technical tips for all MicroCool® customers, dealers and agents worldwide. Announcements for all breaking news will be sent by regular email. To sign up for your personal copy of the MicroCool moment send your name, address, phone, fax and email to fogfocus@microcool.com

MICROCOOL COMMISSIONS PUENTE HILLS MRF—LARGEST TRANSFER STATION IN CALIFORNIA

This July, MicroCool® commissioned the high-pressure fog system at Puente Hills as the facility went into operation.

The \$38 million unit is constructed on 25 acres (10 HA) of land 14 miles (22 km) east of downtown Los Angeles in Southern California. The process building for solid waste is an impressive 215,000 sq.ft (20,000m²) by 55 feet (17 mt) tall.

Currently they process 500 tons of solid waste a day and will eventually ramp up to full capacity of 4,400 tons per day and 24,000 tons per week in the coming years. The facility will operate on a 24 hour basis to accommodate the many trucks in Los Angeles County that use their service.

The building has been designed to limit exposure to the outside air and to contain all dust and odor

inside the facility. The doors open and close automatically to limit the escape of any inside air. All exhaust fans have fog nozzles around the exits to distribute odor control chemicals that destroy the malodors.

The MicroCool® system consists of four separate pump systems; one 5 gpm (19 lpm) unit for the odor control and three 10 gpm (38 lpm) units for the dust suppression system. The larger pumps have Variable Frequency Drives (VFD) that will change the pump's rotation speed depending on the demand of the system (an option on



many standard units).

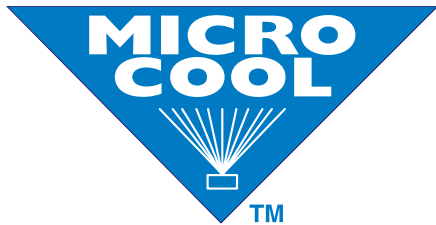
The nozzle lines are split into nine separate sections that are each controlled individually from a central control panel with options for continuous or pulse operation.

Over 1,400 nozzles on 3,300 feet (1,000mt) of stainless steel nozzle line are strategically positioned to provide dust and odor control where needed in the building.

For more information and details on the Puente Hills MRF please visit

[http://www.lacsd.org/
swaste/Facilities/MRF_TS/
PHMRF/PHMRF_Info.htm](http://www.lacsd.org/swaste/Facilities/MRF_TS/PHMRF/PHMRF_Info.htm)





THE ORIGINAL FOGGING COMPANY

MICROCOOL SALES TRAINING GOES "ON THE ROAD"



More and more MicroCool® systems are being sold by Manufacturer's Rep organizations and sales teams around the USA. To help in this endeavor, MicroCool® have introduced a sales training and instruction tour that will visit qualifying companies in the USA.

The training course covers the principles of adiabatic cooling, humidification using MicroCool®, an introduction to C³ cooling systems, along with basic instruction in MicroCool® design and installation.

The course is available on an appointment basis only and can coincide with company sales meetings or conferences. Alternatively, training can be given at our facility in Palm Springs.

For more details and appointments, please contact Mark Stanley at 760-322-1111 or mark.stanley@microcool.com

COSTCO C³ SYSTEM PRELIMINARY RESULTS.

For the past few weeks MicroCool® have been conducting trials of the C³ cooling system at the Costco store in Palm Desert (about 5 miles from the Palm Springs office). The tests have involved the strategic placement of nozzles and nozzle lines across the face of the condenser coils on four of the 15 ton Air conditioning units.

With temperatures over 120° F / 50° C on the roof of the building it has proved to be an ideal time to test the effectiveness of the system.

Water purification is a must to prevent the build up of salts on the coil face and the unit has certainly been running hard to keep up with the demand for cooling.

The preliminary figures show power reductions of up to 15% on the test units. Further changes in nozzle position and angles may gain some precious percentage point reductions. More results will be available later in the year.



Company Information

- Founded in 1981, MicroCool has pioneered the development of "Outdoor Cooling Systems" for Arid areas worldwide.
- Systems are used in various industries worldwide for cooling, humidification and "special effects".
- MicroCool® is a division of AxAir-Nortec Inc. (www.humidity.com) part of the AxAir Industrial Group specializing in Humidification for Industry worldwide
www.axair.com
- AxAir Industrial Group is part of the WMH Walter Meier Holdings AG
www.wmh.ch.

Craig's Corner

Operations Manager Craig Littleton is always on call to help customers. Here are some tips to get the best from your MicroCool® system.

Contact Craig at craig@microcool.com

To get the best from your MicroCool® system a regular service schedule is important. Many of our industrial customers often neglect routine service as their minds are occupied with more important matters. Nozzles not working can lead to a variety of problems from lack of cooling potential to the recurrence of dust issue and the return of malodor problems.

Recently, MicroCool® have introduced a series of custom based service schedules for client's based on their usage and importance of operation. These service schedules are performed by both our Palm Springs and Ottawa based service teams to fit with the clients schedule.

Pricing is very competitive and clients that take advantage of the service are delighted by the continuing high performance of their MicroCool® system. Most importantly, regular service ensures that the system maintains the original purpose for which it was intended.

MicroCool®

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