



# MicroCool Fog Systems

## MicroCool ROC System

### Rapid Orientation Collar for nozzle lines

#### MicroCool

World leaders in environmental solutions using high pressure fog systems.

#### Applications

MicroCool systems are designed and incorporated into:-

- Process Cooling
- HVAC Pre-Cooling
- Industrial Humidification
- Agriculture & Horticulture
- Dust & Odor Control
- Environmental (Outdoor) Cooling.

#### MicroCool Nozzles

Patented nozzles produce 10 micron droplets (1/10<sup>th</sup> diameter of a human hair), that flash evaporate into the air creating up to 1 ton of cooling.

## MicroCool

72-128 Adelaid St.  
Thousand Palms CA 92276 USA

Tel +1-760-322-1111  
Fax +1-760-343-1820  
Email [info@microcool.com](mailto:info@microcool.com)  
Web [www.microcool.com](http://www.microcool.com)



- Stainless steel nozzle line is undeniably the easiest type to install, as it resists twisting and lasts far longer than the flexible nozzle system.
- The downside is that the nozzle direction and orientation cannot be changed. The nozzle angle is decided prior to manufacture for all applications.
- MicroCool is proud to introduce the patented **ROC Nozzle System** to customers and clients that will overcome these limitations.
- The **ROC System** uses a patented collar that slips over the stainless steel tube. The collar comes with two sealing rings that make a pressure tight seal against the outer wall of the tube.
- The stainless steel tube is precision drilled at preset intervals (nozzle spacing) and the collar is factory mounted over the hole.
- Once installed at the application, the nozzle array (with extender etc) is screwed into the collar and can be rotated to the desired angle.

#### Benefits:

- Speedy Installation (no need to line up the tubes)
- Ability to change nozzle orientation to “fine tune” the MicroCool installation.
- Low profile collar does not create shade or block light.
- Allows extra nozzles to be added after the initial installation without replacing stainless tube.

