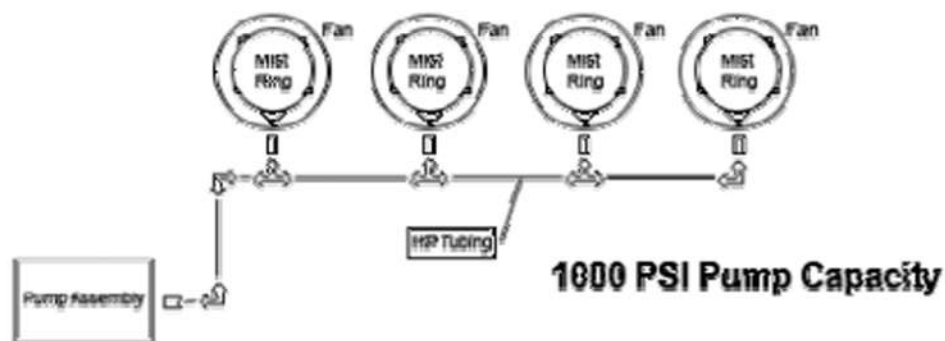


## Mist Cooling Fans Installation Guide

1. Mist cooling fans are easy to install. The pressure pump is the heart of the system. The pressure pump, which operates at **1000 PSI**, needs to be sized to the total number of **mist nozzles** in the system. Mist tubing between pump and fans can be for several hundred feet, all from one pump. Mist rings installed on fans can create as much as **6 cooling tons** per fan.



2. Pressure pumps can be placed at locations convenient to the utilities available (water and electricity). High pressure mist line (flexible tubing) routed to fans can be looped from one fan to another for a complete system.

Mist cooling fans placed in production areas or loading docks keep areas cool enough to cause production to stay a level that make good economic sense. Keep your employees cool and keep them happy.



3. Fan mist cooling will lower the temperature up to **25 degrees**. This is the most economical way to cool large warehouses or shop areas. One high pressure pump with as little as 1/4 gallon per minute can supply **3 large fans**. Larger pumps can supply hundreds of fans. Each fan is the same as **6 tons of AC**. In the winter fans can be run without the water to help circulate warm air. Mist line can be installed to operate fans up to **400 feet** from the pump.

Fans work well over hot machinery for spot cooling the operator to help reduce heat fatigue. It is proven that working in a non heat stressed environment is far more productive and provides less health issues.