

## **DRY ICE FAQ**

### **WHAT IS DRY ICE FOG?**

Dry ice fog is a thick, dense, low-lying fog created exactly the way fog in nature is created, by condensing water vapor out of the atmosphere. We use dry ice (the solid form of carbon dioxide) to condense the water vapor out of the air. Dry ice fog contains no chemicals, glycols, or oils, and is truly a "water based" fog.

### **HOW DOES IT COMPARE WITH OTHER TYPES OF FOG?**

Dry ice will not rise, since it is heavier than air. It will cover the ground, roll down stairs, and swirl if walked through. It will not rise into light beams like glycol type foggers and will not make a fine mist in the air like hazers. Dry ice fog has no odor, contains no chemical, and leaves no oily residue. Actors and singers and are comfortable with it and understand its safety.

### **HOW IS A DRY ICE FOGGER OPERATED?**

The fog machine is filled with water and heated with its built-in heating elements. When the water has reached operating temperature (two to three hours), the ice chamber in the machine is loaded with dry ice through a door on top. When fog is needed, the pump is turned on and hot water is pumped into the ice chamber, immediately creating fog. The fan is turned on and the fog is blown out to the stage via a ducting hose.

### **WHERE CAN I GET DRY ICE?**

Look in the yellow pages under "Ice" or "Dry Ice". Many companies will deliver ice to you each day as needed. Ask your dealer to cut your ice into two-inch cubes if possible.

### **HOW CAN I STORE DRY ICE?**

Dry ice can be stored in a cooler or ice chest. Stored ice will evaporate relatively quickly, usually within 48 hours. Preferably, you should buy dry ice on the day of use. Do not buy dry ice more than one day in advance!

### **HOW MUCH ICE WILL I NEED?**

50 pounds of dry ice will produce about ten minutes of fog.