



Employee Safety

6 Tips for Heat Awareness

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Portacool portable evaporative coolers are designed to provide comfort to any hot area. Our products are designed with safety, productivity, sustainability and total cost of ownership in mind. Portacool portable evaporative coolers are a smart investment that deliver monetary benefits that can go a long way towards paying for themselves.

AWARENESS

Safety is more than a state of mind or philosophical approach – safety is a responsibility that businesses have to each of their employees. The goal is for each worker to return home safely at the end of the workday.

According to the National Weather Service, heat is the weather event that produces the greatest number of fatalities (ahead of flooding and tornado) each year.

1. Be aware of temperatures >90°F

Use caution when engaging in strenuous activity during extreme heat. It can do more harm than good.

2. Acclimatization is key

Allow time for the body to adapt to high-heat, high-humidity environments.

3. Choose weather-smart attire

Opt for loose-fitting clothing made from lightweight materials and lighter colors. This type of clothing will be more comfortable when you sweat, and lighter colors reflect heat more efficiently.

4. Stay hydrated

It is crucial for water to be accessible at all times during high temperatures. Do not wait until you feel thirsty.

5. Schedule rest breaks

Scheduling breaks allows your body to cool down and reduce the possibility of over heating.

6. Implement a buddy system

By monitoring one another for signs and symptoms of heat related illnesses, you can prevent serious

injuries before they occur. Training in this area to identify the symptoms is worthwhile.

PERFORMANCE

Productivity is a crucial word in today's business climate. It can be a contributing factor to a company's success or failure. A cool working environment isn't an extravagance. It is a key component to combating the toll heat takes on worker productivity.

Studies show that when in-plant temps rise over 85°, output drops by 18% and accuracy suffers from a 40% increase in errors.

| Effective Temp | Loss in Output | Loss in Accuracy |
|----------------|----------------|------------------|
| 75° | 3% | Negligible |
| 80° | 8% | 5% |
| 85° | 18% | 40% |
| 90° | 29% | 300% |
| 95° | 45% | 700% |
| 100° | 62% | >> |
| 105° | 79% | ->> |