



## **Port-A-Cool® Construction**

### **The Cooling Pads**

Superior evaporative cooling pads are a central part of the cooling process of each Port-A-Cool®. The new KÜÜL™ pads manufactured by General Shelters stand alone in today's market and are designed to achieve the most effective and efficient evaporative cooling possible. By incorporating leading edge technology, a newly specialized production process and using only the most superior materials available, KÜÜL™ pads are the best evaporative cooling pads made.

In 1997 General Shelters became one of four rigid evaporative cooling media manufacturers in the world. By developing and utilizing a specific production method, Thru-Cure™, General Shelters is now the producer of the finest evaporative cooling media available anywhere today. The important production technique, used only by General Shelters, achieves complete resin cure in each sheet of premium grade kraft paper. Thru-Cure™ positions KÜÜL™ pads above all other evaporative cooling media and delivers the most superior evaporative cooling possible. With this rigid and high efficiency, water and air flow is produced with no sagging or gapping. KÜÜL™ pads are energy efficient, consistent in performance over a very long period (usually 3 years or more), self-supporting, highly absorbent and easily cleaned.

### **Internal Parts**

The water supply is controlled by a float valve, line strainer and completely submersible self-priming pump. PVC and ABS plastic plumbing parts create an internal atmosphere that stays corrosion free. The source water pressure should not exceed more than 50 PSI to insure that the float valve will completely shut off the water when the sump tank is full. If the site water pressure exceeds 50 PSI the addition of a simple in-line pressure reducer should be attached to the hose connection on the side of the unit.

### **Housing**

Each Port-A-Cool® is made of rugged, yet attractive roto-molded polyethylene plastic with durable rubber casters for easy portability. The dimensions of each model are surprisingly small compared to the amount of CFM and cooling provided. The construction of all units is covered by a One-Year Warranty.

### **Fan**

All Port-A-Cool® units have a rugged high efficiency fan designed for maximum air movement. The fan blades are treated with heavy duty galvanizing to provide maximum corrosion resistance. This strong galvanized steel fan is driven by a powerful water resistant and air cooled motor which presents an expanding horizon of air flow that can exceed well over 50 feet or more.

### **Electricity**

Unless otherwise specified, standard 115v units are shipped with any order. The most common application is the standard 115v unit, however, units can be ordered with 220V/50Hz or 220v/60Hz motors and pumps. For exports to countries outside the United States, confirmation of power requirements should be made before ordering.