



Placement of the Port-A-Cool®

The primary consideration when deciding where to place the Port-A-Cool® is the direction of the air flow. The unit creates a fan shaped air pattern that disperses the air over a large area. This pattern may be disturbed or broken by obstacles such as machinery, shelves, work benches, partitions, etc. It is important to provide a clear path for the cold air produced by the unit to achieve maximum effectiveness.

When a Port-A-Cool® is placed near a wall or other obstruction it is recommended that a distance of at least the fan size of the unit (36", 24" 16") be used to measure the distance from the wall or other obstruction to the back of the unit. This insures that the air flow to the cooling pads and eventually to the front of the unit is not unrestricted.

When using several units in one area, the units should be aimed in the same general direction and not facing each other. This will allow a more positive air flow through the entire facility and remove the possibility of negative air spots between two or more units.

NOTE: Never confine a Port-A-Cool®. The units should always be used in well ventilated areas only.

If it is necessary to elevate a unit above certain obstacles to increase the overall coverage, only qualified construction personnel should build a platform. The casters should be removed from the unit and then mounted to the platform using the bolts previously used to attach the casters. This will insure the unit stays on the platform during normal use or during an earthquake.

Units can also be suspended from a main rafter or beam with at least 16 gage chain. The casters should be removed and bolts inserted through the chain links and into the bottom of the unit. This will keep the unit from falling if moved or during an earthquake.

The Port-A-Cool® should not be mounted more than 8-10 feet from the floor to the bottom of the unit in order to insure maximum efficiency and effective cooling of the area below.

Under normal circumstances, the portability of the Port-A-Cool® is one of the most important aspects. Experiment with several locations and applications to increase the overall effectiveness of the unit. Always have plenty of fresh air available for the Port-A-Cool® to draw from in addition to a means for the old air to be removed (open doors, windows, vents, etc.).