

# Ventilation

Have you ever walked into the garden room and felt hot, sweaty, dizzy, or just felt uncomfortable, and you just want get out of the grow room as fast as possible. You know what, your plants probably feel the same, but they have no method of getting out of there. So they spend all their energy fighting the harsh elements wasting valuable growing time.

Ventilate, bring in fresh air that is all they want. When fresh air is brought in from outside, the humidity, temperature, oxygen and Co2 are all brought back to normal levels. Now if it is 90 degrees outside and you are trying to get the inside temperature down to 72 degrees, you will need to use some sort of air conditioning. Do not have the air conditioner blowing cold air onto your garden. Do have the air blowing onto lights or at least toward the ceiling.

Length X width X height = sq footage and you will want to be able to remove all air in room within 3 minutes. 10 X 10 X 8 = 800 cubic Feet. An ideal fan should be at least 400 cfm (cubic feet per minute). All of these fans are not designed to create a vacuum so make sure that there is an adequate size opening to allow the fresh air back in. Or place another fan of



equal size in a different window blowing air in from outside. Make sure exhausted air does not come back inside. Extra large flanges to connect duct work onto. These fans are to be installed inline.



Ducting is used to direct the vented air to where it is wanted. We carry insulated and non-insulated ductwork. 4, 6, 8, 10 & 12" by 25 feet in Length.

Continental AXC in-line centrifugal duct fans are the



ideal air movers for moving air. The quiet and efficient airfoil impeller is capable of developing significant pressure, and the in-line configuration simplifies installation. The unique motor design, combined with high quality materials and workmanship, results in a truly versatile

fan.

2000 or 2800 cfm blowers move massive amounts of air. When the weather is really hot only the big boys will do. Get a strong airflow over your plants to allow them to transpire lots of water to cool themselves.



We have a special front plate that allows you to connect ventilation ducting onto above blower. There is all types of ventilation accessory's from ducting, reducers, y pipes, back draft dampers, clamps, square to round flanges, water and bug caps.



The use of thermostat allows us to set a temperature and when the heat rises to unwanted levels the fan will be turned on, once cooler temperatures are



reached the fan will be turned off saving electricity. The use of thermostats allows us to set a temperature and when the heat rises to unwanted levels the fan will be turned on, once cooler temperatures are reached the fan will be turned off saving electricity.