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## Heat (Cold) Air Transfer Kits



A typical query we encounter is from people who have a room with a strong heat source, such as fireplaces and wood heaters, and would like to take some of this heat to other rooms in the house.

This can work very well and is very energy efficient, as it utilizes heat that would otherwise be wasted in heating an already hot room. It also uses some of the warm air that would just accumulate near the ceiling. The system uses very little power, about 10 times less than an electric heater. This is important for energy conservation, low running costs and for people who generate their own electricity.

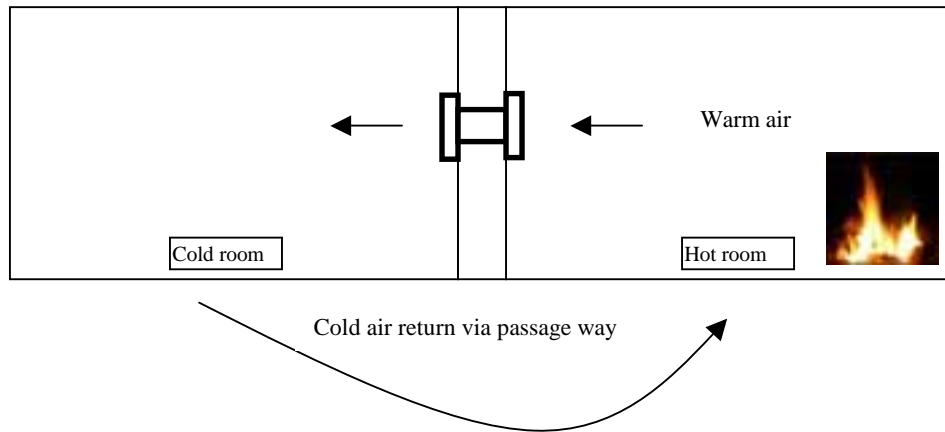
The same system can be used to move cold air to another room, such as when a split system cools down the main lounge room and you want to take some of this cold air to a bedroom near by.

We have a number of systems for heat/cold air transfer, consisting of an exhaust fan, vents, ducting and other parts as required. We help you put together a system appropriate to your needs and budget. Pricing varies according to room sizes, distance apart, number of rooms, etc. As an indication, a system to transfer air to one distant room would be around \$200, one for 2 rooms around \$390-\$450, and a wall fan is less than \$200..

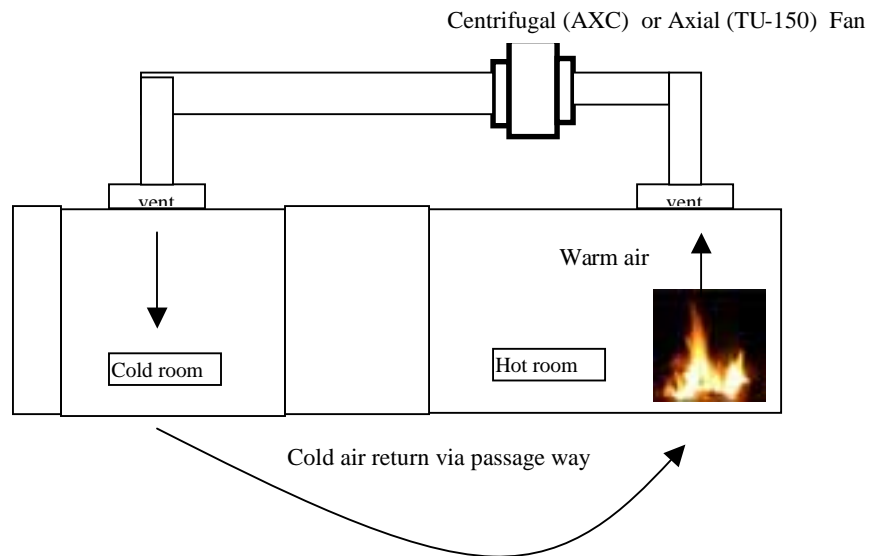
The simplest system is a wall fan that can transfer warm air to an adjacent room, the next simplest is a fan in the ceiling transferring air to a more distant room.



### Wall Fan Example



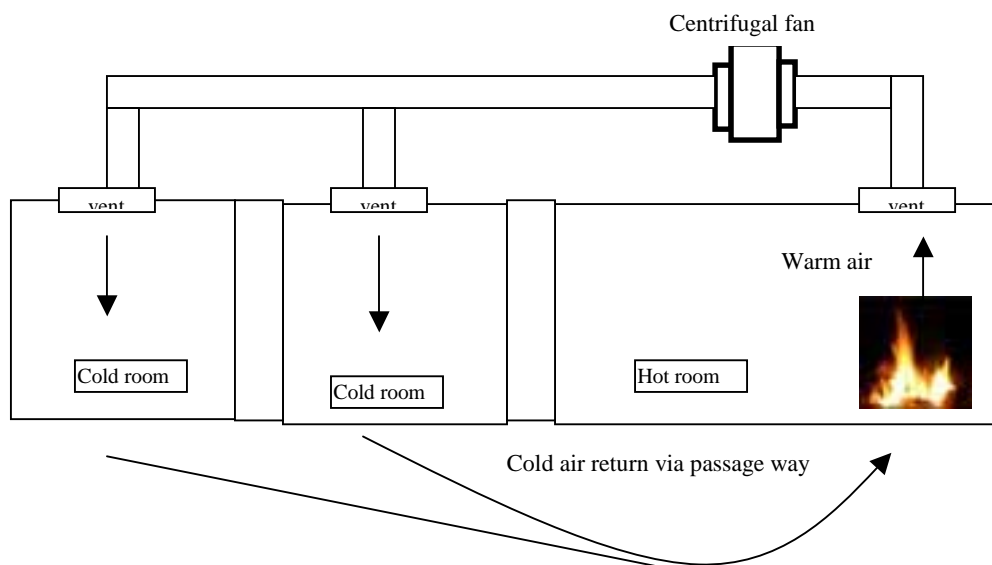
### Ceiling Fan Example





## Multiple Rooms Example

It is more common to want to move warm air to one or more distant rooms. A typical system would be installed in the ceiling space and would consist of a vent above the heat source (such as a fire heater or similar), an in-line fan, ducting and a vent on the ceiling of the room the warm air is going to.



Other possibilities include running ducting under floor, over false ceilings, walls, etc.

When determining a system it is useful to come prepared with some basic information such as size and height of the rooms you want to warm up, distance from the heat source and where the system could be installed (ceiling space, wall, etc).