SUMMER COOLING

Typical ITV-CTV Installation

Sidewall Installation

EXHAUSTERS

SPACE HEATERS

Diagram of two ITV-CTV systems uniformly distributing make-up air over a relatively wide area.

Fresh air flow directed down at employees.

This Quietaire System uses energy that you have already paid for once. You don't want to pay twice, do you?
Eliminates Negative Air Pressure
If you have exhaust fans running in your buildings to remove smoke fumes, and contaminated air and do not have a make-up air system, you have a negative air pressure condition.
1. Negative air pressure causes drafts at the floor level.
2. Negative air pressure causes back drafting down furnace stacks.
3. Negative air pressure causes exhaust fans to operate inefficiently.

Eliminates Dead Air Spots
Dead air spots are eliminated by distributing fresh make-up air evenly throughout the building.

Assists in Summer Cooling
The ITV-CTV introduces outside air at high velocity to help with summer cooling. This is done by positioning the ITV-CTV duct to distribute the cool outside air downward without disturbing the stratified heat at the ceiling.

Makes Use of Heat at the Ceiling Level
Fresh make-up air is forced into the building through a distribution duct that blends the cool outside air with the heat that naturally accumulates at the ceiling. Therefore, the stratified heat usually lost through the roof and upper walls is saved and reused.

Uses Process Heat As Well As the Building's Heating Systems
The ITV-CTV will mix the fresh make-up air with the process heat that normally accumulates and distribute it to the other areas.

Can Pay for Itself in One Season!
Initial purchase price is only a fraction of conventional make-up units. The fuel costs saved in one season is usually enough to pay for your ITV-CTV system.