

NEGATIVE AIR PRESSURE?

AN INEXPENSIVE SOLUTION!

ENERGYMASTER

THE MAKE-UP AIR SYSTEM
THAT USES NO FUEL

ENERGYMASTER: THE MAKE-UP

INEXPENSIVELY ELIMINATE NEGATIVE AIR PRESSURE

EnergyMaster™ brings outside make-up air into a building through its unique distribution duct system. And the EnergyMaster system can include up to 550 ft. of distribution duct. It uses up to 100% of the stratified heat at the ceiling which is otherwise wasted when it is lost through the roof.

REDUCE MAKE-UP AIR FUEL BILLS UP TO 100%

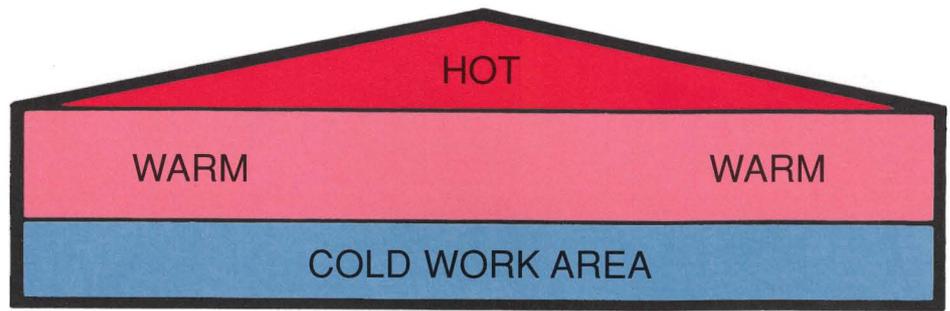
When the air delivery holes are positioned for winter operation, EnergyMaster evenly distributes the outside air upward, blending it with the stratified hot air at the ceiling. This mixing action tempers the incoming make-up air without using additional fuel.

INCREASE HEATING SYSTEM EFFICIENCY

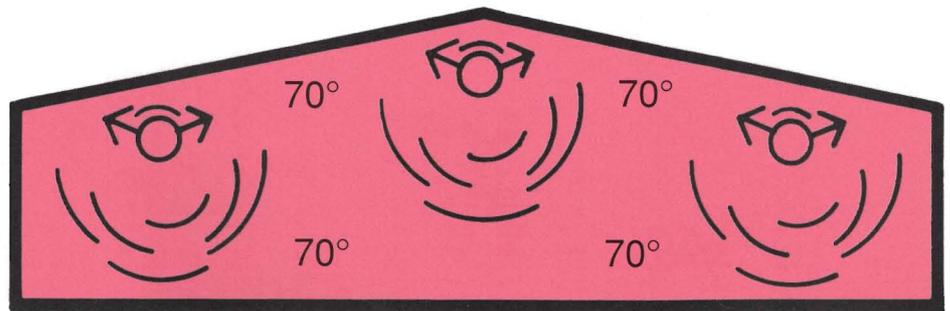
When negative air pressure is eliminated, heating units with atmospheric burners will be operating under their designed conditions of 0" S.P. This can increase burner efficiency by 30% to 70%.

HELPS MEET CLEAN AIR REGULATIONS INEXPENSIVELY

When EnergyMaster evenly distributes outside make-up air throughout a building, in conjunction with an adequate exhaust system. It uses the minimum amount of outside make-up air possible to reduce the air contamination concentration (PPM) to an acceptable level.



Without make-up air



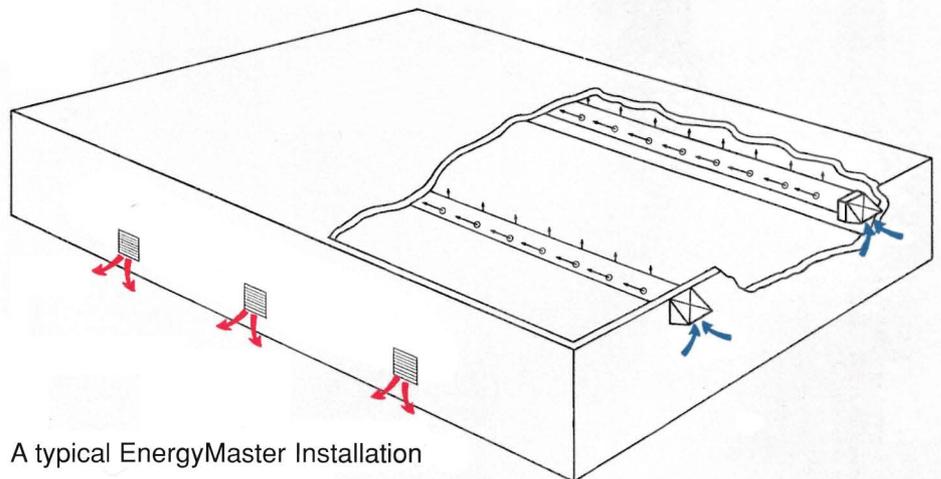
With EnergyMaster make-up air

FAST RETURN ON INVESTMENT

EnergyMaster's installed cost is substantially less than the cost of a fired make-up air system and will return its investment within one and one half heating seasons.

RELOCATE EXCESSIVE HEAT

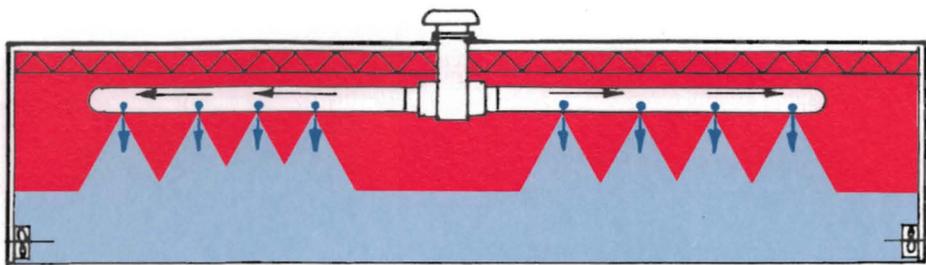
Inexpensively moves excessive, objectionable heat, up to 550 ft., to distant areas that can use it.



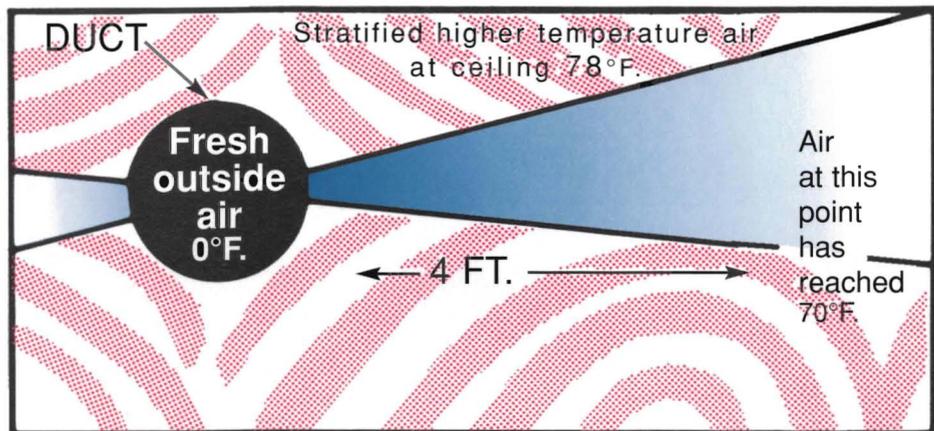
A typical EnergyMaster Installation

CALL US TODAY FOR YOUR INEXPENSIVE SOLUTION

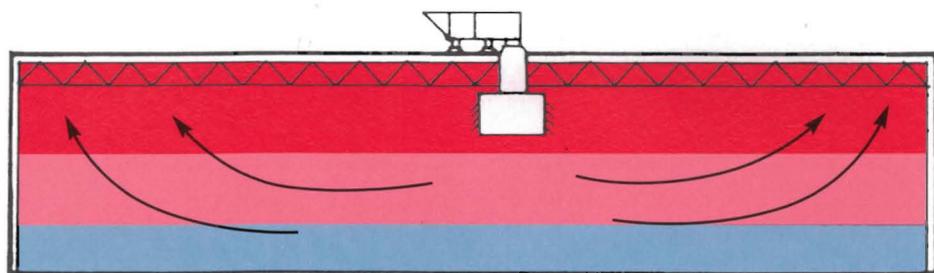
AIR SYSTEM THAT USES NO FUEL



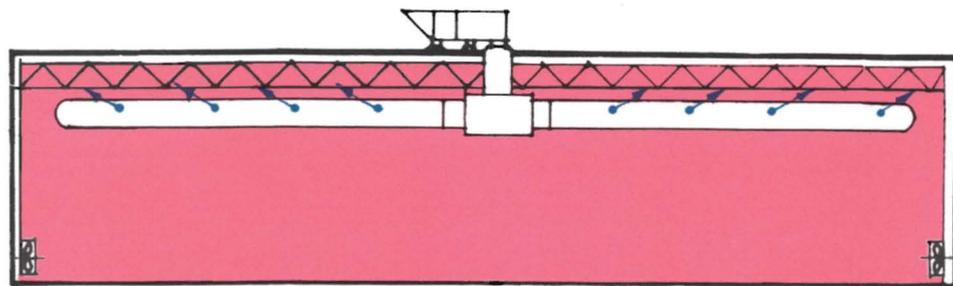
Cooling in the summer with SeasonMaster's air direction controller



The above illustration shows how the throw and mixing action of the high velocity jets tempers the 0°F. fresh outside make-up air to 70°F. by the time it has moved 4 feet from the duct.



Existing fired make-up unit before conversion



Fired make-up air unit after conversion

COOLS IN SUMMER

When the air delivery holes are positioned for summer operation, EnergyMaster evenly distributes the cooler outside air toward the floor. This keeps the objectionable hot air stratified at the ceiling.

QUICKLY CHANGE BETWEEN HOT AND COLD WEATHER OPERATION

Previously many man hours were required to rotate the ducts each season. Now the patented SEASONMASTER™ floor operated air direction controller allows quick duct position changes between the hot and cold weather air delivery positions, no matter how often the outdoor temperatures demand it.

NOTE: During hot weather the air holes must be positioned downward to prevent the stratified ceiling heat from being forced down to the floor thereby overheating the workspace.

CONVERT EXISTING MAKE-UP AIR EQUIPMENT

EnergyMaster conversion units will convert any size fired make-up air equipment to our unfired system. It uses all of your building's stratified wasted heat before any additional fuel is burned. After being converted, most fired make-up air unit burners do not fire at all.

CONTAMINANTS CONTROLLED WITH LESS EXHAUST AIR

EnergyMaster strategically delivers make-up air throughout your plant in relation to the contamination source. Therefore, the amount of air exhausted can be significantly reduced while maintaining clean air conditions. For example, in northern Ohio and southern Michigan, each 1000 cubic feet of exhaust air reduced, provides a savings of 25,000 to 50,000 BTU's per hour.

WARRANTY

EnergyMaster equipment is warranted to be free from defects in material and workmanship for a period of one year from the purchase date. Any units or parts thereof, which upon our inspection prove to be defective during the warranty period, will be replaced at our option. All equipment returned for warranty consideration must have prior written authorization. All labor and transportation costs are excluded. Motors are warranted by the motor manufacturer for a period of one year. Should a motor prove defective during this period, it must be returned to the nearest authorized motor service station. We are not responsible for any damage incurred in transit. Merchandise shipped from our facilities is signed for by the transportation company in perfect condition. The aforesaid warranty against defects in material and workmanship, is in lieu of all other warranties, expressed or implied and there are no other warranties of any kind whatsoever.

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CALL US TODAY FOR YOUR INEXPENSIVE SOLUTION



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