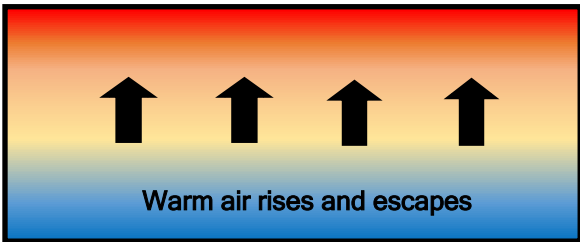
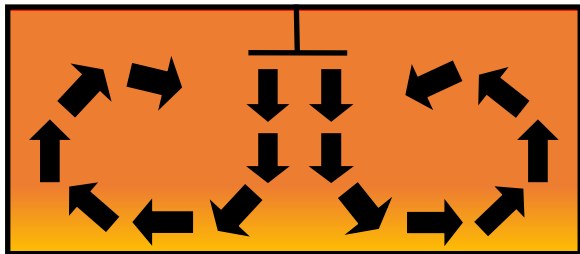


# HEAT RECOVERY DESTRATIFICATION

Increasing comfort, reducing energy loss.

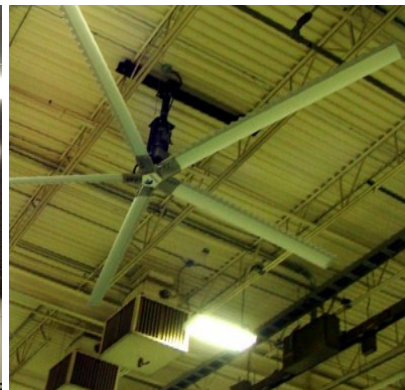
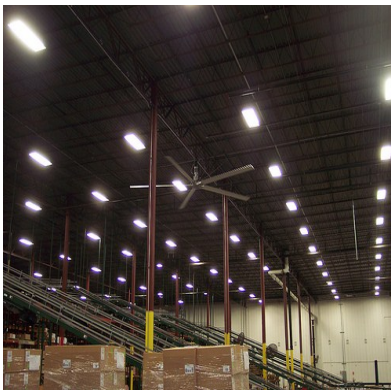


**STRATIFICATION IN A BUILDING**  
 Warm air rises and is trapped at ceiling level or escapes through the roof.  
 Energy is wasted.



**POST DESTRATIFICATION**  
 The warm air trapped at ceiling level is redistributed to occupied levels equalising the temperature between floor and ceiling.  
 Energy consumption is reduced.

- HVLS (HIGH VOLUME, LOW SPEED) ceiling fans are designed to move a large volume of air with their size rather than their speed. Manufactured up to 7.3m in diameter and controlled via variable frequency controls, these large fans not only provide destratification during the heating season but also benefit the user during the summer when ambient temperature rises; the fan speed can be increased to provide a breeze like cooling effect.
- Where HVLS fans cannot be used, for example in confined areas, a smaller destratification fan can move a concise column of air from ceiling to floor. By adjusting the speed of this airflow, uncomfortable drafts are eliminated, floors are warmed, the air is *destratified*, and comfort noticeably improves. Energy savings can be significant.



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