

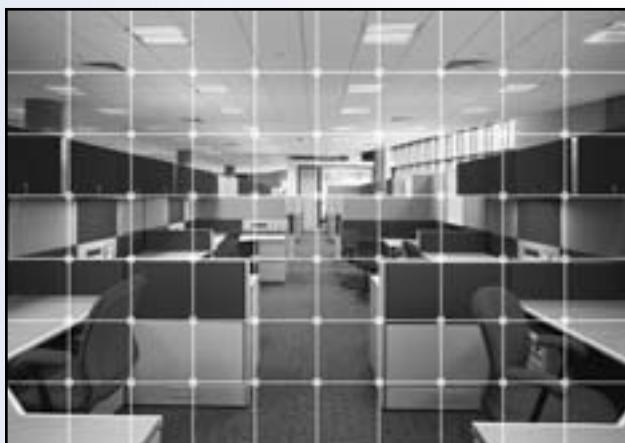
HPX DIFFUSER = HIGH ADPI = OCCUPANT COMFORT

The HPX provides outstanding performance and mixing characteristics due to the unique vanes attached to the back of the diffuser core. The HPX is ideal for both VAV heating and cooling applications and provides many benefits for conditioning occupied spaces.

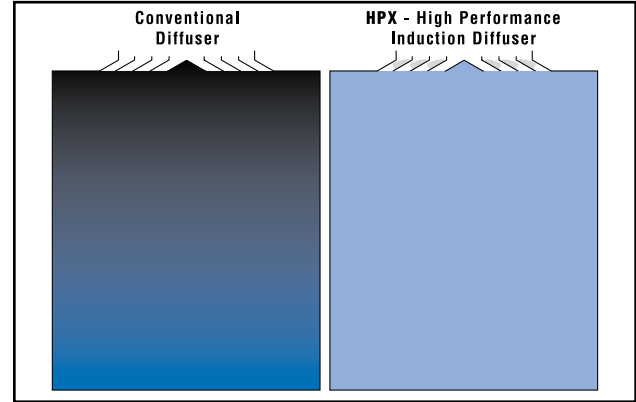
MIXING – A high mixing ratio of room and diffuser supply air rapidly equalizes the total air stream temperature resulting in reduced temperature gradients in the occupied zone. Less drafts, more comfort.



90%+ ADPI – The ADPI (Air Diffusion Performance Index) quantifies the percent of occupants within the space as thermally comfortable – higher is better. The HPX is better! More comfortable occupants means increased productivity and less time at the water cooler! Higher efficiency, reduced costs.



Reduced Stratification – HPX mixing reduces stratification during heating cycles so that the BTU's are put where they are needed – in the space, rather than at the ceiling above the occupied zone! More comfortable, more contented occupants. More efficient, "greener" use of energy.



Indoor Air Quality (IAQ) – Improved IAQ is achieved due to effective ventilation of the space by delivering fresh air to the occupants, while diluting & removing contaminants. Less time lost to colds, flu and general discomfort.

Core Design – Vane mixing is improved with a reduced-lip design that enhances mixing effect due to increased jet surface area, while significantly reducing NC and pressure levels. More comfort, less noise and higher efficiency.

