

Quiet-Aire Energy Recovery Series



Energy Recovery is an important aspect of environmental sustainability and at Quiet-Aire we take pride in our ability to engineer and manufacture custom heat recovery systems for commercial and industrial application.

Combined with our decades of engineering experience, our energy recovery units allow our customers to recover energy in the form of either hot moist air or cool dry air from the ventilation process and transfer it to condition fresh outdoor air as it passes into the unit.

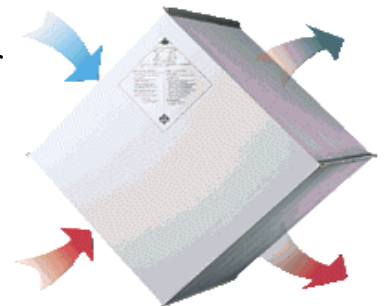
TECHNOLOGIES:

The Enthalpy Wheel is a rotating air to air heat exchanger capable of transferring both sensible heat and latent heat. Wheels are complete with a purge system to limit cross contamination of air flow and a porous internal material to increase surface area and heat transfer efficiency. Its construction allows for efficient heating in the winter months and cooling in the summer months.



The Heat Pipe Heat Exchanger is a medium efficiency air to air heat exchanger capable of transferring sensible heat. The heat pipes operate on the change of state of fully sealed internal working fluid. Air flow paths are completely separated resulting in negligible cross contamination. The simplistic stationary design produces a long lasting product with minimal maintenance

The Flat Plate Heat Exchanger is a high efficiency cross flow air to air heat exchanger capable of transferring sensible heat. The heat plates operate through direct heat transfer between alternating flow streams through aluminum sheets. Air flow paths are completely separated resulting in negligible cross contamination. This is a low maintenance, long lasting unit that provides recovery of both heating and cooling.



OUR PROMISE:

All Quiet-Aire units are built to our high quality standard to ensure our customer has a rugged and dependable air handling unit. Industrial grade components are used for all gas train and control components complete with a re-assuring warranty to provide piece of mind.

We look forward to working with you on your project needs. Please contact us at:

Quiet-Aire Manufacturing
14 Robb Boulevard
Orangeville, ON L9W 3L2

