

## Total Energy Recovery for a School Addition

This unit provides total energy recovery and outdoor air ventilation for a school. The heat wheel unit transfers both heat and humidity, keeping the indoor space dry in the summer and maintaining a comfortable moisture level in the winter. With its integral gas fired furnace, this unit satisfies all the air conditioning needs for the students and instructors.



### *Performance Specification*

Model: **AVR-2250-HI**

Supply cfm: 15,650

Exhaust cfm: 13,130

Built: July 2004

Dimensions: 100" H, 174" L, 112" W

Weight: 8,000 lbs

Energy 927 MBH (Winter)

Recovered: 305 MBH (Summer)

Design -10 °F / 47% RH (Winter)

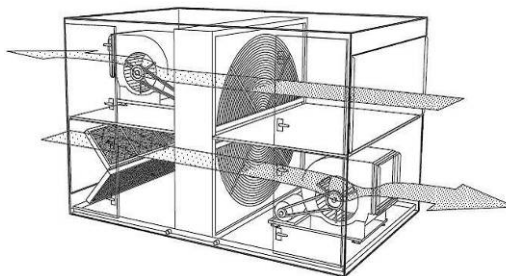
Conditions: 90 °F / 45% RH (Summer)

### *Unit Features*

- AIRotor Series-R, RXA 2250 Hygroscopic Rotary Total Energy Recovery Exchanger
- 33" Heavy Duty, Spring Isolated, Backward Inclined Airfoil Plenum Blowers with NEMA Frame ODP, Premium Efficiency Motors
- Heavy Duty Double Wall (18 ga / 22 ga), 2" Thick Fiberglass Insulated, Galvanized Steel Cabinet
- Outside Shutoff and Exhaust Backdraft Dampers
- 813 Mbtu Indirect (Tube) Gas Fired Furnace
- 2" MERV 8 (30/30) Outside Air and Return Air Filters
- Configured for Indoor installation
- ETL Listed



15hp Exhaust Air Blower



Supply Air (on left w/gas fired furnace) and Return Air (on right) through the heat wheel