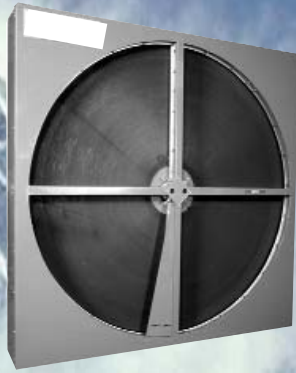


# ASX Energy Recovery



**Wheels**



**WE Systems  
Ventilation**



**WM Mini-Systems  
& Air Handler**

**Providing Energy Conservation  
to the World since 1961**



FORM ASX-26049-A

# When you need more than just Ventilation!

## ASX Energy Recovery

ASX, a leader in providing HVAC solutions, recognized over 40 years ago that energy conservation and equipment efficiency via Energy Recovery is key to providing acceptable indoor air quality through outside air ventilation. A pioneer of Energy Recovery Wheels, no other manufacturer can boast a record of over 43 years of continuously providing Energy Recovery solutions to the commercial work place. Over more than 4 decades, ASX Research and Development teams have developed a unique process with a **permanently bonded polymer desiccant** with a time tested delivery system that continues to perform. No media or desiccant used in Energy Recovery today has the track record of results and performance that ASX has.

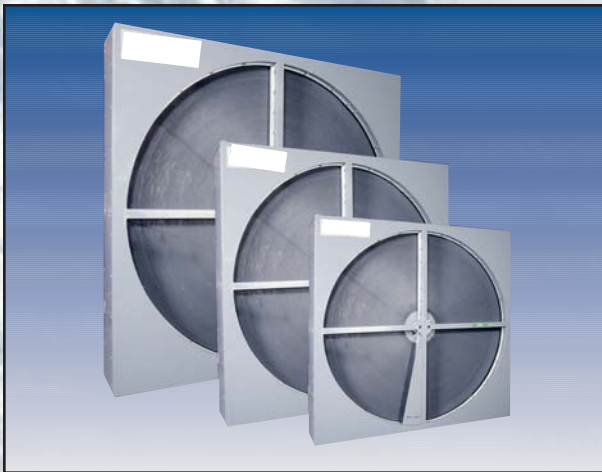
### BENEFITS OF ENERGY RECOVERY WHEEL TECHNOLOGY:

- Immediate and daily dollar Savings: Reduce cost to condition outside air up to 80% by recovering **sensible** and **latent** exhaust air energy.
- Reduce Investment by downsizing required Cooling Capacity.
- Enthalpy Recovery increases cooling recovery up to 300% with latent recovery.
- Cost effectively aids in meeting ASHRAE 62 ventilation guidelines.
- Complies with ASHRAE 90.1 energy guidelines requiring energy recovery.
- ASX Energy-C-Lect Performance Software makes choosing the optimal solution time and cost effective.

Request your  
**FREE**  
**ENERGY-C-LECT™**  
Performance  
Software



*Today!*



## ASX Energy Recovery Wheels (300 to 41,500 CFM)

ASX Energy Recovery Wheels feature a water selective permanently bonded desiccant coating on self-cleaning corrugated aluminum media wound into a welded, structurally rigid rotor for long reliable performance and life. The welded and painted heavy gauge steel cassette supports the rotor, bearings, drive motor, and effective brush seals. Standard wheel purges adjust for maximum effectiveness and minimum purge flow, and are available in 4 duct arrangements.

Media shows ASTM E84 Tested Flame Spread and Smoke Index of 0.

### AVAILABLE OPTIONS INCLUDE:

- ETL/CSA Listing for quick Building Code approvals.
- Sensible Only Media for dry energy only transfer applications.
- Corrosion Protected Media for salt air and chemical environments.
- Segmented Rotors and Cassettes for specification matching and constrained space installations.
- Replacement Rotors/Media for ASX, ENRECO, Wing, and others..
- Variable Speed Controls with Defrost.
- Temperature or Enthalpy Economizer Controls.
- Stand-Alone or BMS/DDC Control Options.
- Rotation Detector for rotor operation assurance.
- Insulated Frames to prevent condensation.
- Dual Belts, Spare Belts, Urethane or Flex Link Belts.
- Optional 5 Year Mechanical Warranty.

## Model WE Energy Recovery Ventilators (300 to 8,000 CFM)

Model WE Energy Recovery Ventilators provide affordable outside ventilation by combining an exhaust fan, make-up air handler, and ASX Energy Recovery Wheel into a compact package that minimizes capital investment and maximizes payback for heating and cooling equipment. Units available for both inside and outside mounting.

### **BENEFITS:**

- Low investment with maximum payback.
- Easy to use in new construction or renovation.
- Flexible, convenient installation and startup.



### **AVAILABLE OPTIONS INCLUDE:**

- ETL/CSA Listing for quick Building Code approvals.
- Corrosion Protective Media coating, and edge coating.
- 4 Duct arrangements with Weather Hoods, Dampers, and Roof Curbs.
- Temperature and Enthalpy Economizers, Preheat or Defrost Controls.
- Remote panels, Time Clocks, BMS interface for effective control.
- Rotation Detector, Dirty Filter Switches for operation assurance.
- Double Wall Construction, Airflow Gauge for airflow quality.
- Optional 5 Year Mechanical Warranty.



## Model WM Energy Recovery Mini Systems (850 to 11,000 CFM)

ASX Energy Recovery Mini Systems provide affordable preconditioned ventilation air, flexible design, and offers supplemental heating or cooling.

### **BENEFITS:**

- Full Energy Recovery Wheel Benefits.
- Supplemental Conditioning in a Painted Steel Cabinet.
- 6 Standard Duct arrangements, specials available.
- Latched and Hinged Double Wall Access Doors.

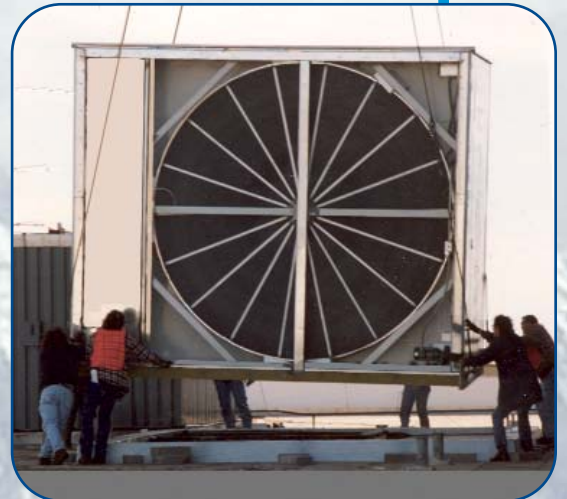
### **AVAILABLE OPTIONS INCLUDE:**

- ETL/CSA Listing for quick Building Code approvals.
- Full Media Option selection for sensible, corrosion protection.
- Full Wheel Control options, Frost Controls and Electric Preheat.
- Variable Speed or 2 Speed fan drives.
- Double Wall construction, Airflow Gauge, Dirty Filter Switches.
- DX, Chilled Water, Hot Water Coils and Electric Reheat available.
- Weather Hoods with Moisture Eliminators, Motorized Dampers.
- Roof Curbs.
- Optional 5 Year Mechanical Warranty.

# ASX Energy Recovery

- **Saves Energy Costs**
- **Saves Equipment Costs**

American Made  
Quality Built  
Union Products



Request your **FREE**  
**ENERGY-C-LECT**  
Performance Software



AIR SPECIALTIES  
**express**<sup>®</sup>

ASX P. O. Box 930040, Verona, WI 53593-0040 (USA)  
Phone: 877.945.9175 Fax: 608.845.6470  
Website: [www.airspecialties.com](http://www.airspecialties.com)