

# ALL WHEELS RECOVER ENERGY SOME DO IT BETTER...



**DRI ECO FRESH™**  
Energy Recovery Wheels

**EZ SERIES**



Innovative Air Solutions

# Sorption Wheels...EZ SERIES !! State-of-the-art Test Facilities

## Worldwide Memberships



### High Selectivity :

EcoFresh Energy Wheels EZ series use special, Selective Zeolite Desiccant coated on aluminum substrate and this results in high latent recovery and control on cross contamination.

### Aluminium Substrate :

The aluminium substrate eliminates any fire risks and results in high sensible recovery and high structural strength.

### In-built purge sector eliminates cross contamination :

The Purge section provides strict separation of airflows, preventing carryover of bacteria, dust, and pollutants from exhaust air to supply air. Purge section and sealing system limit cross-contamination of the exhaust air concentration by volume.

### Non Contact Labyrinth seal :

- ✓ No wear and tear.
- ✓ Effective sealing.
- ✓ Long life.
- ✓ Brush seal for wheels upto 2400 mm.

### Structural Rigidity, Hardened Edges and Innovative Manufacturing Design :

- ✓ State-of-the-art winding technology and adhesives give EcoFresh rotors high structural strength.
- ✓ Wheel Edges hardened as standard to suit marine coastal application needs.

### Highly Polished Surface :

Vertical run out less than 1 mm per 1000 mm resulting in extremely low leakage across the central divider seals.

### Robust spoke Structure.

### Highest Recovery Efficiency Ratio (RER) in the industry

### Industry's highest recovery/performance :

- ✓ High Desiccant loading / coating
- ✓ Nearly equal sensible and latent recovery
- ✓ Higher performance, low pressure drops
- ✓ Laminar airflow due to thin aluminium substrate and uniform desiccant coating
- ✓ Superior airflow characteristics

### Wide Range & Additional options :

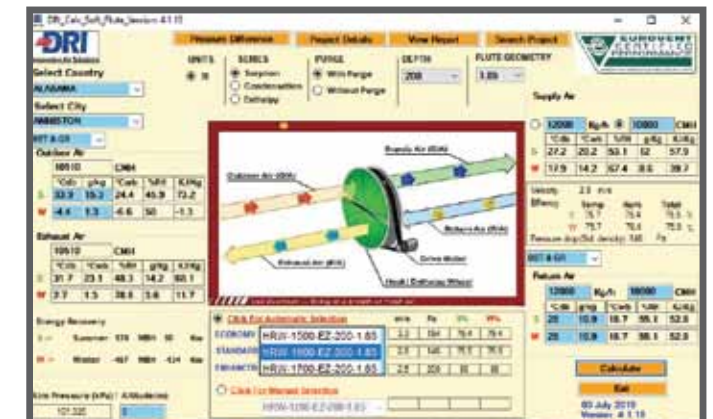
- ✓ Total energy recovery (Enthalpy) and Eurovent Certified sensible wheels.
- ✓ Customized Flute height and Rotor depth options.
- ✓ Cassette as well as Rotor options.
- ✓ Standard and Customized options.
- ✓ 500 mm to 5000 mm (dia.)
- ✓ Easy retrofit options.
- ✓ Segmented and Non Segmented options.
- ✓ Controls Package available.



## Why DRI ?

- ✓ Largest global producer of Enthalpy Wheels
- ✓ #1 in performance... worldwide
- ✓ First choice of Engineers and Consultants globally
- ✓ Eurovent Certified Wheels
- ✓ Integrated Rotor manufacturing facility
- ✓ World Class Rotor test facility  
(Enthalpy as well as Desiccant)

## Selection Software Available



## Fully Integrated Manufacturing Plant

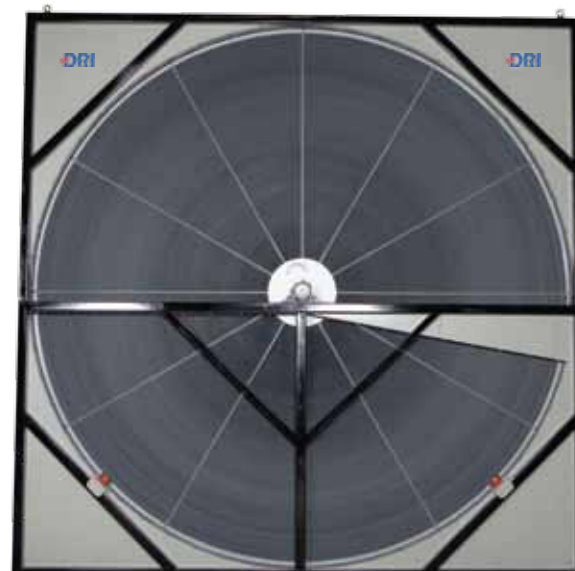


# ECOFRESH™

EZ SERIES



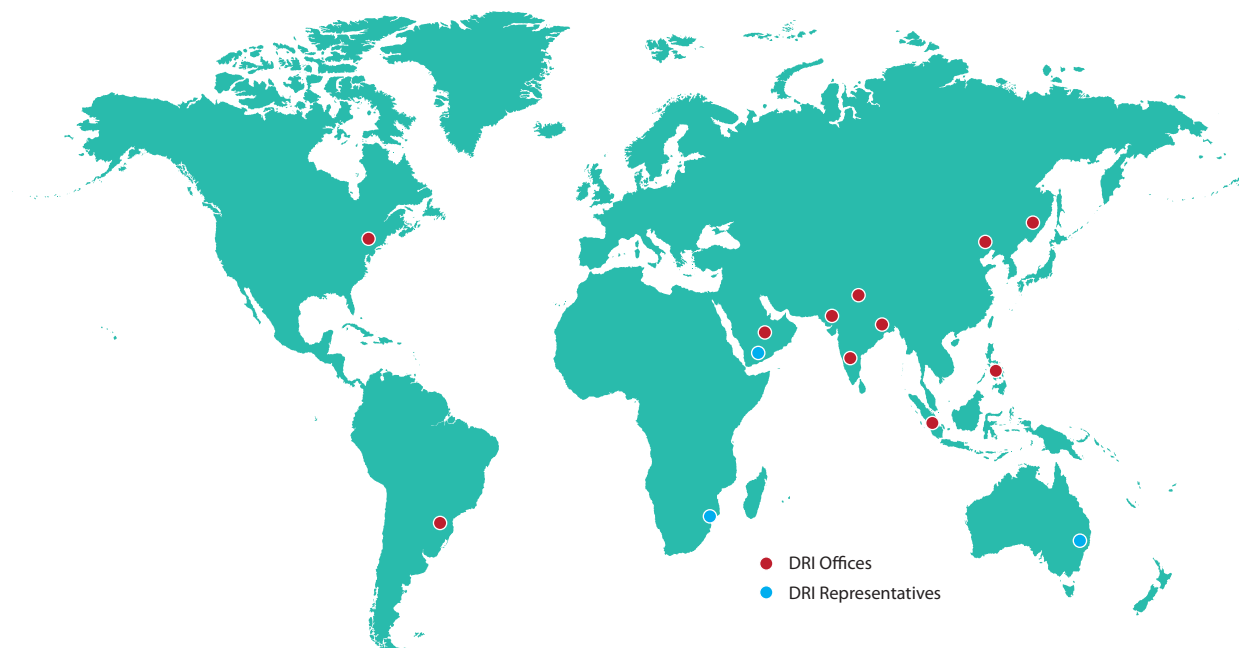
Eurovent Certified





# Worldwide Presence

**DRI™** Never too far from you !



- ✓ USA
- ✓ Switzerland
- ✓ UAE
- ✓ India
- ✓ Korea
- ✓ Canada
- ✓ Nigeria
- ✓ Saudi Arabia
- ✓ China
- ✓ Vietnam
- ✓ Brazil
- ✓ Philippines
- ✓ Japan
- ✓ Malaysia
- ✓ Indonesia



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