



All Wheels Recover Energy Some Do It Better...

DRI[®] ECO⁺FRESH[®]
Energy Recovery Wheels (EC Series)



Condensation Wheels...EC SERIES !!

Features

- **High Selectivity:** *EcoFresh* Energy Wheels EC series use non-corrosive coating on aluminum substrate giving it extra life and all kind of environment.
- **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 2200 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:**
 - Higher performance, low pressure drops
 - Laminar airflow due to thin aluminum substrate
- **Wide Range & Additional options:**
 - 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

State-of-the-art Test Labs



Selection Software 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)

Fully Integrated Manufacturing Plant



We are Never Too Far From You...



Installations in over **80** Countries



Representatives in Over **60** Countries



27 New Technologies



142 Patents Application Filed



1500+ Employees



13 Manufacturing Facilities



9 R&D Labs



90 Patents Granted/Allowed



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PAHWA GROUP
Innovation is life

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