## **Enthalpy Wheels**

## HOLTOP



Main features of Holtop rotary heat exchanger

- 1. High efficiency of sensible heat recovery
- 2. Double labyrinth sealing system ensures minimal air leakage.
- 3. Self-cleaning efforts prolong service cycle, reducing maintenance cost.
- 4. Double purge sector minimizes carryover from exhaust air into supply air stream.
- 5. Life-time-lubricated bearing requires no maintenance under normal usage.
- 6. Interior spokes are used to mechanically bond the rotor's laminations to reinforce the wheel.

7. Completed range of rotor diameter from 500mm to 5000mm, rotor can be cut into 1pc to 24pcs for

easy transportation, various types of housing construction is available as well.

8. Selection software for convenient selection.

## Working Principle

Rotary heat exchanger is composed of alveolate heat wheel, case, drive system and sealing parts. The exhaust and outdoor air pass through half of the wheel separately, when the wheel rotates, the heat and moisture are exchanged between the exhaust and outdoor air. The energy recovery efficiency is up to 70% to 90%







Product link : <u>https://www.holtop.net/product/11.html</u>