

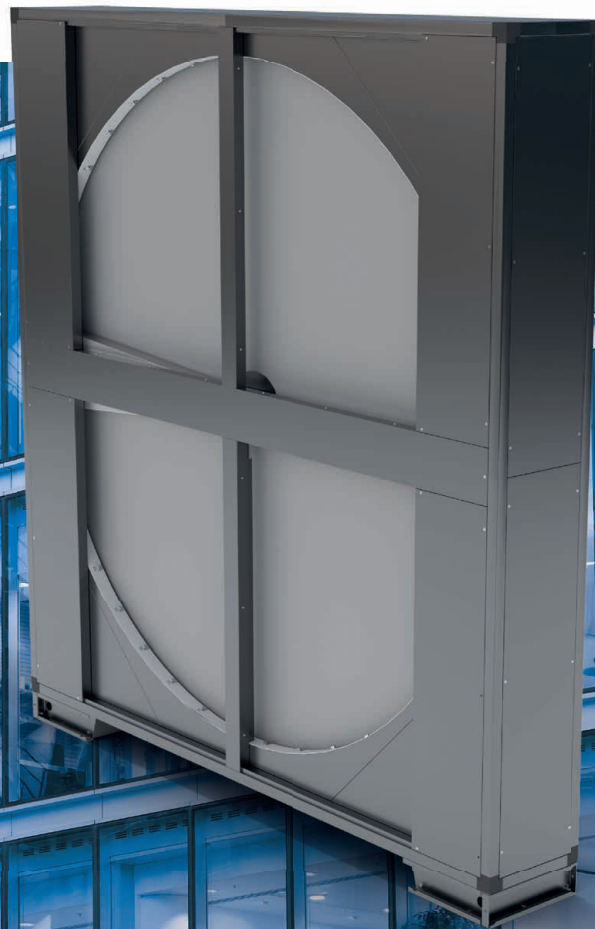


BUILDING SOLUTIONS

ENERGY FOR NEW SOLUTIONS



**WELL
-PROVEN
DESIGN**



ASSEMBLED VERSION

Ideal design of a rotary heat exchanger for all applications that require higher rigidity and flexibility of construction.

The heat exchanger frame is made of hot-dip galvanized sectional bars interconnected by joining corners. The heat exchanger may be encased in a housing consisting of panels with excellent heat insulation parameters.

Assembled versions of the rotary heat exchanger are especially suitable as a stand-alone component of air-handling systems.



Main benefits

- rigidity of construction
- excellent heat insulation parameters with housing panels
- suitable as a stand-alone component of air-handling systems
- undivided as well as divided design optional bypass
- optional custom surface color



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Construction

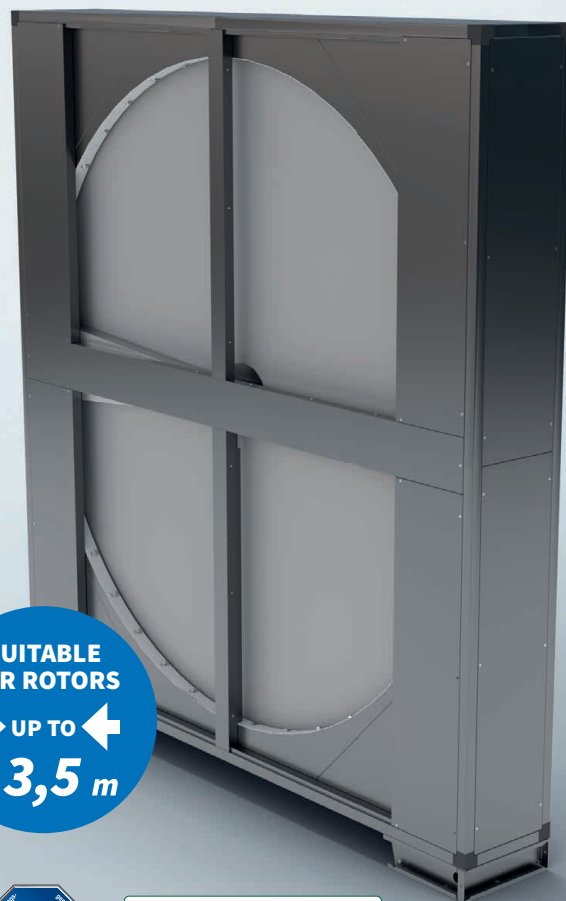
- exchanger design: divided / undivided
- air stream position: side-by-side / stacked
- standard operation in vertical position
- optional fully automatic cleaning system

Technical parameters

- for all types of rotors
- maximum rotor diameter 3800 mm
- may be fitted with insulation panels
- thickness 50 mm (front and side panels)
- thermal transmittance coefficient pursuant to EN 1886/2007 – T2
- thermal bridge coefficient class pursuant to EN 1886/2007 – TB3 / TB2

Rotor sealing options

- contactless sealing – felt or labyrinth sealing
with sealing efficiency of 98.5 %



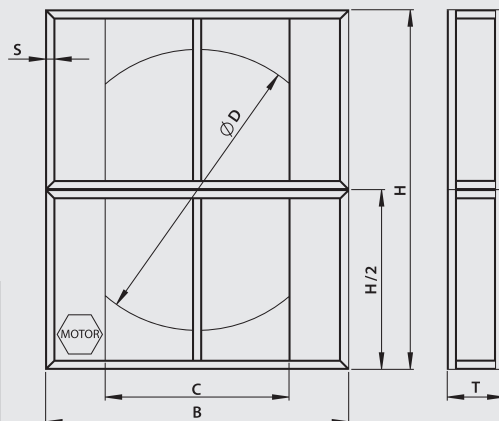
| Description | ØD [mm] | B ** [mm] | H ** [mm] | T ** [mm] | C [mm] | Design |
|-------------|-----------|---------------|---------------|-----------|--------|-----------|
| UNI/ØD | 1000–2900 | ØD +180 (200) | ØD +180 (200) | 460 | *) | Undivided |
| | 3000–3800 | ØD +220 (240) | ØD +220 (240) | 460 (505) | *) | Divided |

Values are for reference only. Exact design parameters on request.

- Ø D** rotor diameter (dimensions by 10 mm)
- B** rotary heat exchanger cabinet width
- H** rotary heat exchanger cabinet height
- T** rotary heat exchanger cabinet depth
- C** connecting size (for version with front panels)
- S** profile size

Note:

- rotary heat exchanger may be fitted with a supporting frame
- winding width 200 mm
- *) customized dimensions
- **) minimum dimensions (may be extended subject to customer-specific requirements)



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