



**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

SUITABLE
FOR ROTORS
→ UP TO ←
Ø 3,5 m



Rotor sealing options

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

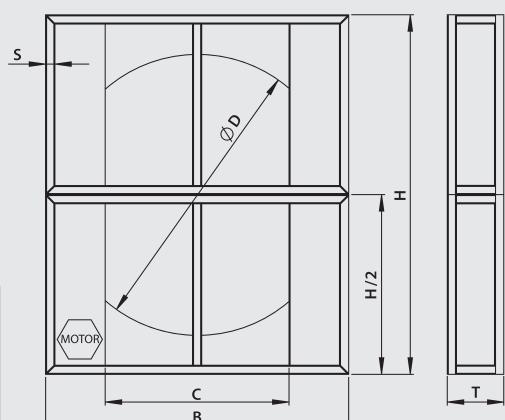
Description	ØD [mm]	B **) [mm]	H **) [mm]	T **) [mm]	C [mm]	Design
UNI/ØD	1000–2900	ØD +180 (200)	ØD +180 (200)	460	*)	Undivided
	3000–3800	ØD +220 (240)	ØD +220 (240)	460 (505)	*)	Divided

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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