



BUILDING SOLUTIONS

# ENERGY FOR NEW SOLUTIONS

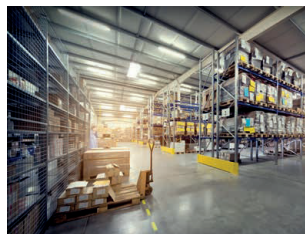


**THE  
MOST RIGID  
OPTION**

## WELDED VERSION

The welded design of the KASTT rotary heat exchanger cabinet represents the most rigid and reliable option for the most demanding conditions.

The housing of the rotary heat exchanger is welded from closed sectional bars and then hot-dipped galvanized as a single piece. The heat exchanger may be encased in a housing consisting of insulating panels and become a stand-alone component of an air-handling system or unit. Welded rotary heat exchangers are suitable for the complete range of sizes with rotors up to 5000 mm in diameter.



## Main benefits

- excellent rigidity and durability of construction
- construction suitable for rotors up to 5000 mm in diameter
- may be used as a stand-alone component of air-handling systems
- suitable for indoor as well as outdoor environment
- may be used in all positions (horizontal, vertical and sloped)
- long service life



For more information visit [www.kastt.cz](http://www.kastt.cz)

## Construction

- exchanger design: divided / undivided
- air stream position: side-by-side / stacked
- may be installed and used in all positions (horizontal, vertical and sloped)
- optional bypass
- optional fully automatic cleaning system
- custom surface finish (color) subject to customer-specific requirements

## Technical parameters

- for all types of rotors
- maximum rotor diameter 5000 mm
- may be fitted with insulation panels 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

## Rotor sealing options

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



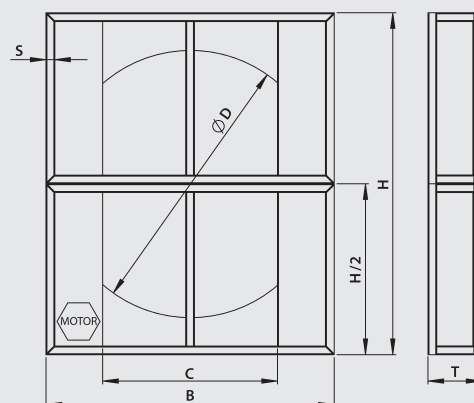
Description ØD	ØD [mm]	B **)	H **)	T **)	C [mm]	Design
UNI/ØD	3900–5000	ØD +260	ØD +260	505	*)	Divided

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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