

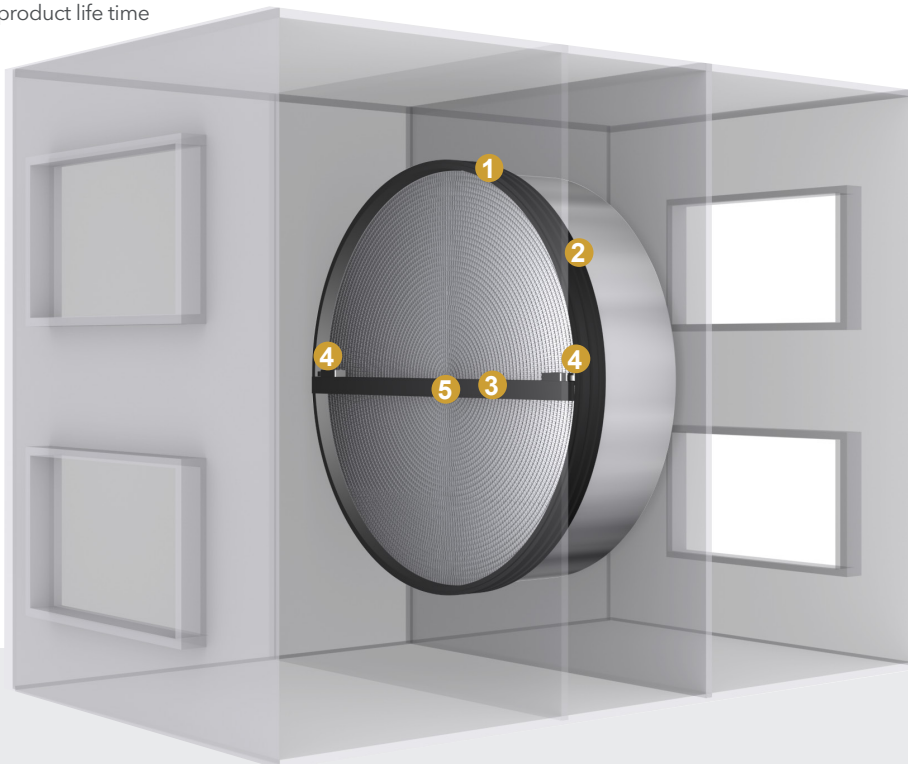
# DAFA RotaSeal<sup>®</sup>

## HVAC

Developed specifically for HVAC applications, DAFA RotaSeal HVAC offers extraordinary sealing solutions for optimizing heat exchange systems and preventing air-leakage and wear. Preliminary tests show an efficiency of more than 20 % on the rotor sealing compared to existing solutions.

The new DAFA RotaSeal HVAC system brings the following benefits:

- Energy optimization
- Superior sealing
- Increased durability
- Extended product life time



1 Rotor sealing

2 Rotor sealing connector

3 Beam sealing

4 Beam gap sealing

5 Center sealing kit

- DAFA RotaSeal is designed for fast and efficient assembly
- DAFA RotaSeal is designed with materials resisting typical HVAC temperature ranges (-25 °C - +90 °C)
- DAFA RotaSeal is designed for a wide range of constructions
- DAFA RotaSeal solutions are designed with a focus on low friction and abrasion
- The rotor sealing connector is designed for minimum waste

## DAFA RotaSeal® HVAC

1



### Rotor sealing

- Sealing designed for the rotor / cabinet application
- Available in various dimensions
- The upper lip seals the airflow
- The brushes reduce friction from the sealing and are made in PA for high abrasion resistance
- The lower lip seals the airflow, avoiding direct contact with the cabinet
- Designed with an integrated sealing against the rotor
- Center markings for screws are printed on the sealing
- The unique supporting edge assures an easy, uniform and secure application

2



### Rotor sealing connector

- End connector for the rotor
- Allows end profile connections without leakage
- Integrated sealing lip

3



### Beam sealing (straight and angled)

- Sealing designed for the rotor / center beam application
- Various dimensions
- The upper lip seals the airflow without any contact with the rotor
- The brushes ensure that the upper lip is contact-free
- The lower lip seals against the rotor surface

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### Beam gap sealing

- Seals gap between center beam and rotor sealings
- High abrasion resistant brush materials
- Flexible sealing absorbs tolerances
- Premolded fixation holes for easy adjustments

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### Center sealing kit

- Flexible mounting system for center sealing
- Specially developed clamping profile with felt and high abrasion resistance
- Center sealing surface for low abrasion, no contact with the rotor
- Non moisture absorbing felt