

DAFA Hygienic Beam Seal

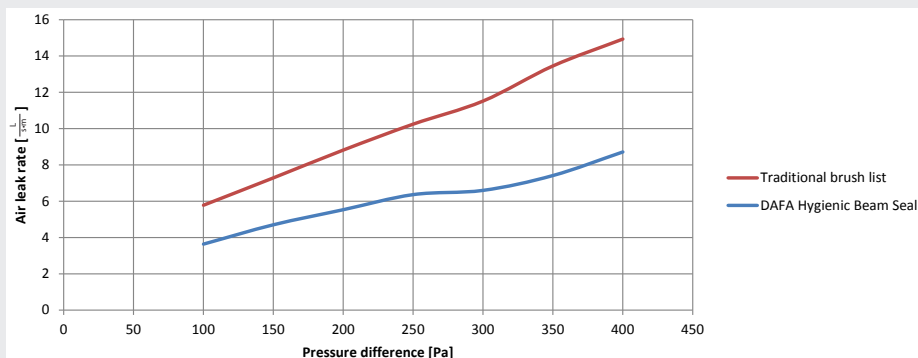
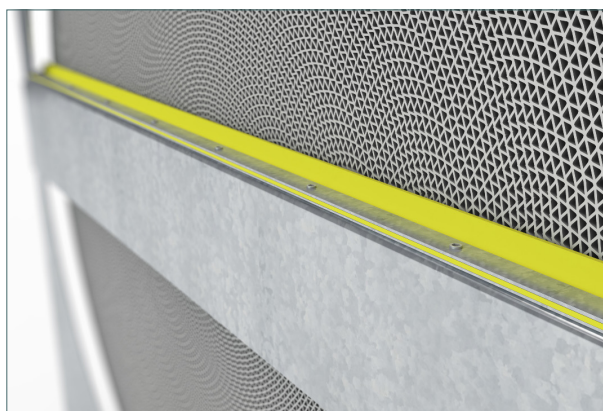
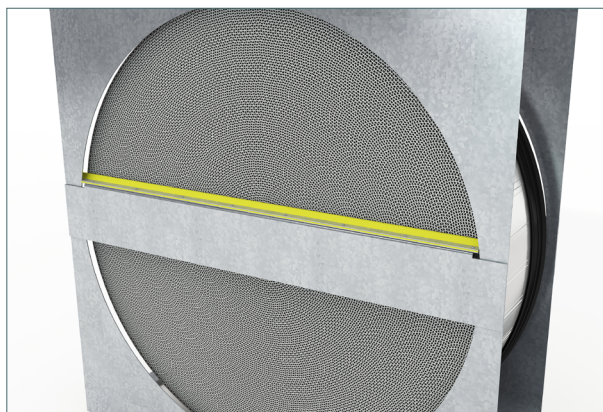
Hygienic Beam Seal

For rotary heat exchangers in HVAC systems, it has always been a challenge to seal the middle beam which separates the intake from the outlet. With new stringent requirements to inhibit bacteria and fungus growth, the challenge becomes even greater.

DAFA Hygienic Beam Seal meets the VDI 6022 requirements, while having low friction and a long service life.

DAFA Hygienic Beam Seal system offers the following benefits:

- No bacterial or fungal growth according to ISO846, VDI 6022 approved
- Designed with a focus on low friction and abrasion
- Designed to follow the rotor surface and absorb tolerance (e.g. wobbling)
- Low air leak between intake and outlet approximately 40-50% higher tightness compared to traditional brush list
- Much lower wear rate, ensuring years of product service life
- Designed for fast and efficient assembly
- Designed for a wide range of constructions



Wear properties have been documented in laboratory tests.

Eight month test period with accelerated wear (max. speed) in traditional rotor surface construction.

No measurable wear detected.

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Fitting instructions for the rotary heat exchanger

These fitting instructions are intended to assist you in using DAFA products. The user should determine the suitability of DAFA's products for each application.

