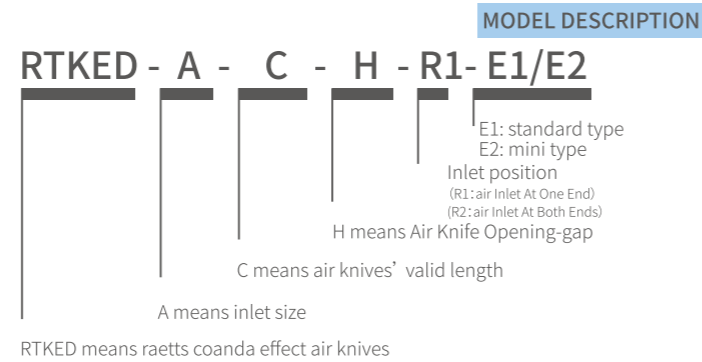


RAETTS COANDA EFFECT AIR KNIVES



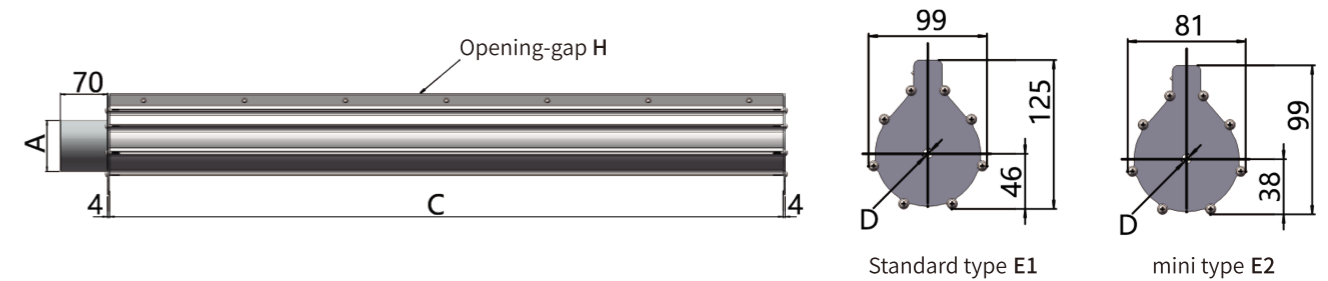
Based on Coanda effect and Air Entrainment theory and manufactured by Germany workmanship and machines, RAETTS Coanda Effect air knives are featured by continuous, uninterrupted and big amount of air flow, which are widely used in all kinds of air rinsing systems and drying systems, ultrasonic cleaning, glass cleaning, blowing off water and other liquid from circuit board, electroplate, film, coating, nonferrous metal board/wire/sheet and other related materials. Moreover, they are also utilized in the barrierless isolation of harmful gases, dust, hot and cold air, drying after printing, heating and thawing of food and medicine, and high temperature sterilization.

Advantages

- Specially extruded air knives opening-gap, giving continuous and controllable air flow towards targets.
- Teardrop shape and improved air entrainment design, providing high speed, continuous and stable air flow.
- Anti-corrosion and anti-leakage end cover design. Customized air knives length up to 6 meters.
- Optional inlet specification and positions to fit different kinds of bolt or hose connections, which makes the installation much easier.
- It can withstand the highest air speed of 400m / s, the highest temperature resistance up to 250 °C, the highest pressure resistance up to 5kgf / cm².
- Can be used with RAETTS high speed centrifugal blowers, RAETTS high pressure blowers.



INSTALLATION SIZE



MODEL	A	C	D	H	TYPE
RTKED-51-C-H	51	100-3000	M8	0.5-3	E1/E2
RTKED-63-C-H	63	100-3000	M8	0.5-3	E1/E2
RTKED-76-C-H	76	100-3000	M8	0.5-3	E1

INSTRUCTIONS

1. Model description of the RAETTS Coanda effect air knife. Eg. Model RTKED -76-500-1.5-R1-E1 means that the air inlet at one end has a size of 76 mm, the valid length is 500 mm, and the width of the opening-gap is 1.5 mm. (E1 means standard type. The Coanda effect air knife can only enter the wind through both ends.)
2. The air inlet selection code is: R. (R1 means that the air knife enters the air at one end, and R2 means that the air knife enters the air at both ends.)
3. C means the valid length of the air knife, not including the thickness of the end caps on both ends of the air knife. As mentioned in the above example, the 500mm air knives valid length is excluding end caps of both ends. Actually, the installation length is 508mm.
4. The unique blade design of the RAETTS Coanda effect air knife (one side high, one side low), the air knife drying effect is significantly improved. Therefore, it is important to distinguish the direction of the knife edge during installation. The lower side of the air knife edge faces the direction in which the workpiece needs to be blown dry.
5. If size is beyond those sizes in the chart, please call 86-0769 8119 0028 or 400-038-5808.