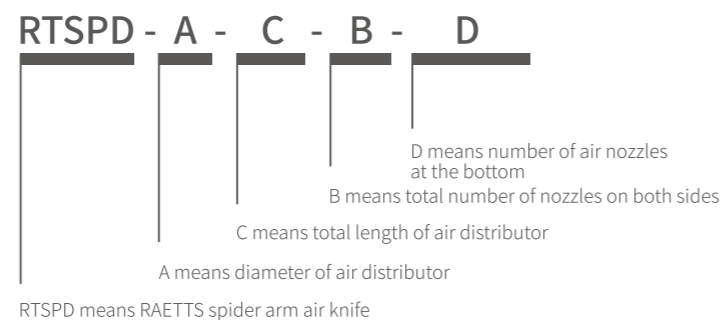


## RAETTS SPIDER ARM AIR KNIVES



### MODEL DESCRIPTION



RAETTS Spider arm Air Knife has been through many tests and trials. Its innovative design, not only improves the drying efficiency of bottling and canning production lines, but also reduce energy usage by as much as 80% compared with other air knives. Moreover, Raetts Spider Manifold air knives also solve the following problems occurred on the traditional bottling and canning production lines--two air knives usually head to head blow air, which offsets the air flow and even makes a “drying blind” zone. What's worse, the air knives will be far away from the bottles as they are blocked by the fence. Moreover, the normal air knives are hard to adjust. The invention of the RAETTS Spider Arm Air Knife has solved the above problems.

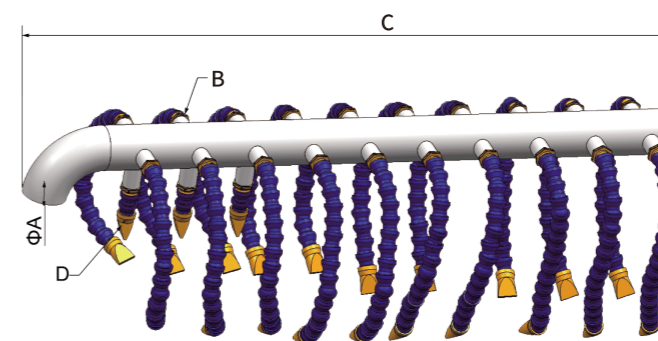
### Advantages

- Flex to any position, without any dead angle.
- Drying time for every bottle is 3 to 5 times longer than ever.
- Quickly adjust to different sizes of bottles.
- Can get very close to the bottle.
- Drying times for every bottle is 10 to 20 times more than ever.
- The stepped air nozzles cover the bottle from top to bottom, in accordance with the principle of hydrodynamics.
- Can be used with RAETTS high speed centrifugal blower, RAETTS high pressure blowers.



■ RAETTS Spider Arm Air Knife uses high-speed centrifugal blower or high-pressure blower as its air source. The high-speed and high-pressure air generated passes through the main splitter and is split into the bottom and both sides of the high-speed air nozzles. It is named Spider Arm Air Knife because its shape resembles spiders.

### INSTALLATION SIZE



MODEL	A	C	B	D
RTSPD-A-C-B-D	51	100-3000	4-20	2-4
RTSPD-A-C-B-D	63	100-3000	4-30	2-4
RTSPD-A-C-B-D	76	100-3000	4-50	2-6
RTSPD-A-C-B-D	102	100-3000	4-60	2-8

### INSTRUCTIONS

1. Model description of Raetts spider arm air knife. Eg. Mode RTSPD-76-2000-44-3 means that the diameter of the air divider is 76mm, the total length of air knives is 2000mm, the number of air nozzles is 44 on both sides, the number of air nozzles at the bottom is 3.
  2. When ordering, please kindly note that the valid length C of the spider arm air knife is including the elbow length, and the spider arm nozzle is 25\*1.8mm in size.
  3. Please clarify the length of nozzles very clearly like 100mm\*3 pieces, 300mm\*12 pieces, 400mm\*12 pieces, 500mm\*10 pieces \*600mm\*10 pieces, a total of 47 pieces.
  4. The main body of the Spider Arm Air knife is welded by SUS304 stainless steel. The material of the air nozzle is polyoxymethylene (POM), which can be used in the temperature range of -50~110 °C for a long time without aging and deformation. It is durable and temperature-resistant.
  5. The spider Arm Air Knives should be installed as a “multi-step” production lines, and from high to low face the direction of the bottle entering the air knife system.
- 4.If size is beyond those sizes in the chart, please call 86-0769 8119 0028 or 400-038-5808.