

Exclusive Nozzle for ER-VS01

Shape-preserving tube joint nozzle Shape-preserving tube

ER-VAJK ER-VAK□

CMJE-ERVAJK No.0031-28V

1 OUTLINE

- This product is the exclusive nozzle for the ultra-compact ionizer spot type (ER-VS01).
- Since the shape-preserving tube (ER-VAK□) can be bent freely and its form is maintained, ionized air can be directed to the desired position.

2 SPECIFICATIONS

● **Shape-preserving tube joint nozzle**

Item	Model No.	ER-VAJK
Air pressure range		0.02 to 0.5MPa
Material		Stainless steel
Consumption air flow		30 to 250 ^l /min.(ANR)
Accessories		Attachment (White): 1 pc., Insulating pipe: 1 pc.

● **Shape-preserving tube**

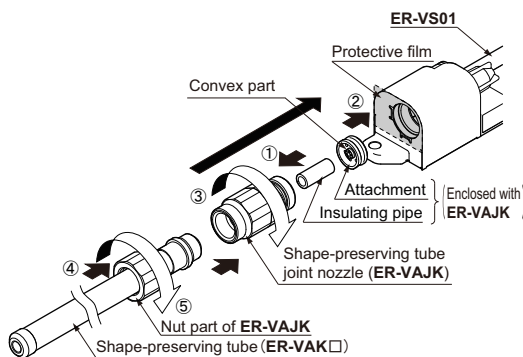
Item	Model No.	ER-VAK10	ER-VAK30	ER-VAK50
Tube length		112mm	312mm	512mm
Material		Inside tube: Aluminum Tube sheath: High density polyethylene End cap: Stainless steel		
Air pressure range		0.02 to 0.5MPa		
Allowable bending radius		40mm or more		

3 MOUNTING

- On the ultra-compact ionizer spot type (ER-VS01), a protective film is affixed on the nozzle fitting part. Be sure to remove it before fitting the nozzle.
- The insulating pipe and the attachment are enclosed with the nozzle (ER-VAJK). Mount them as described below.

Procedure

- ① Insert the insulating pipe into the center of the nozzle.
- ② Direct the convex part of the center of the attachment towards you (see the right figure) and inserted it into ER-VS01.
- ③ In the state of ①, insert them into the nozzle fitting part of ER-VS01 to mount. The tightening torque should be 6N·m or less.
- ④ Loosen the nut part of the nozzle (ER-VAJK) and fit the tip of the tube (ER-VAK□).
- ⑤ In the state of ④, insert the tube into the nozzle and tighten the nut and the nozzle. The tightening torque should be 2N·m or less.



Note: Be sure to fit the insulating pipe and the attachment. When they are not fitted, the static removal is remarkably impaired.

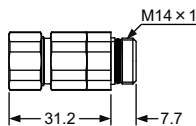
Thank you very much for using Panasonic products. Please read this Instruction Manual carefully and thoroughly for the correct and optimum use of this product. Kindly keep this manual in a convenient place for quick reference.

4 CAUTIONS

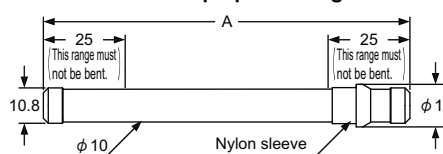
- This product has been developed / produced for industrial use only.
- The static removal efficiency depends upon the air pressure value. Use the product by the appropriate air pressure.
- Be sure to use an attachment suitable for nozzle.
- The shape-preserving tube (ER-VAK□) is consumables. Replace it when fading or cracking etc. occurs due to deterioration, or the coating inside the tube flakes off.
- Bending radius of the shape-preserving tube (ER-VAK□) must be R40mm or more. However, do not bend within 25mm from the both ends of the tube.
- Check the tightening state of the shape-preserving tube (ER-VAK□) periodically. If the tube (ER-VAK□) and the nozzle (ER-VAJK) are loose, ion-balance and the static removal efficiency deteriorate.

5 DIMENSIONS (Unit: mm)

● **ER-VAJK / Shape-preserving tube joint nozzle**

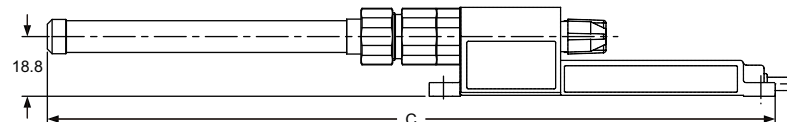
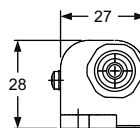
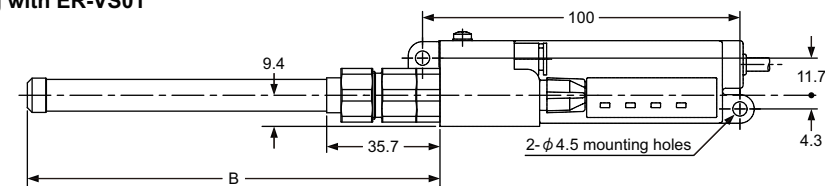


● **ER-VAK□ / Shape-preserving tube**



Model No.	A
ER-VAK10	112
ER-VAK30	312
ER-VAK50	512

● **Mounting drawing with ER-VS01**



Model No.	B	C
ER-VAK10	130	229.3
ER-VAK30	330	429.3
ER-VAK50	530	629.3

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