

## Replacement Parts/How to Order

### ⑥ Valve assembly

ZK2 - VA **A** **K** **5** **L** - A

① ② ③ ④

#### ① Applicable system

<b>A</b>	For ejector system
<b>P</b>	For vacuum pump system

#### ② Valve type

<b>K</b>	Supply valve N.C., Release valve N.C.
<b>R</b>	Supply valve, self-holding type (Linked to release valve)
<b>J</b>	Supply valve only (Single)

#### ③ Rated voltage

<b>5</b>	24 VDC
<b>6</b>	12 VDC

#### ④ Lead wire entry direction

<b>C</b>	For plug-in (Manifold common wiring)
<b>L</b>	L-type plug connector with lead wire (Individual wiring)
<b>LO</b>	L-type plug connector, without connector

Select the ZK2-VA□□□□-A for energy saving switch.

This assembly does not include special cable assembly for energy saving switch.

### ⑦ Connector assembly

ZK2 - LV **W** □ - A

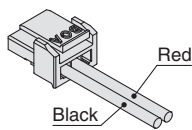
#### Applicable valve type

<b>W</b>	Valve type K/R (With supply valve and release valve)
<b>S</b>	Valve type J (Supply valve only)

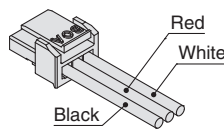
#### Lead wire length

<b>Nil</b>	300 mm
<b>6</b>	600 mm
<b>10</b>	1000 mm
<b>20</b>	2000 mm
<b>30</b>	3000 mm

#### For single



#### For double



### ⑧ One-touch fitting assembly

(Purchasing order is available in units of 10 pieces.)

KJH **04** - C2

#### Port size

<b>04</b>	ø4 One-touch fitting (Straight)	Metric size
<b>06</b>	ø6 One-touch fitting (Straight)	Metric size
<b>03</b>	ø5/32" One-touch fitting (Straight)	Inch size
<b>07</b>	ø1/4" One-touch fitting (Straight)	Inch size

### ⑨ Sound absorbing material (10 pcs. per set)

ZK2 - SE1 - **1** - A

#### Sound absorbing material holes diameter

<b>1</b>	300 μm
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### ⑩ Vacuum port adapter assembly

ZK2 - VA1S **8** - A

#### One-touch fitting size

<b>6</b>	ø6 One-touch fitting	Metric size
<b>8</b>	ø8 One-touch fitting	Metric size
<b>7</b>	ø1/4" One-touch fitting	Inch size
<b>9</b>	ø5/16" One-touch fitting	Inch size

### ⑪ Filter element (10 pcs. per set)

ZK2 - FE1 - **3** - A

#### Nominal filtration rating

<b>3</b>	30 μm
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### ⑫ Check valve <sup>Note)</sup> (10 pcs. per set)

ZK2 - CV - A

Note) When mounting a check valve additionally, the workpiece cannot be removed until vacuum is released.

### ⑬ Pressure switch for vacuum assembly

ZK2 - ZS **E** **A** **M** **G** □ - A

① ② ③ ④ ⑤

#### ① Rated pressure range and function

<b>E</b>	0 to -101 kPa	Pressure switch for vacuum
<b>F</b>	-100 to 100 kPa	Pressure switch for vacuum
<b>V</b>	100 to -100 kPa	Pressure switch with energy saving function

#### ② Output specifications

<b>A</b>	NPN open collector 2 outputs
<b>B</b>	PNP open collector 2 outputs

#### ③ Unit specifications

<b>Nil</b>	Unit selection function <sup>Note 1)</sup>
<b>M</b>	SI unit only <sup>Note 2)</sup>

Note 1) Unit selection function is not available in Japan due to measurement law.

Note 2) Fixed unit: kPa

#### ④ Lead wire with connector

<b>Nil</b>	None
<b>G</b>	With lead wire
	When ① is E or F...For pressure switch for vacuum, Lead wire with connector (Length 2 m)
	When ① is V...For switch with energy saving function, Lead wire with connector (Length 2 m)

#### ⑤ Mounting <sup>Note)</sup>

<b>Nil</b>	Mounted to the single unit
<b>L</b>	Mounted to the manifold

The length of the screw mounted to the ejector is different.

Note) When ordering ejector without valve, select Nil for mounting.

### ⑭ Lead wire with connector for pressure switch for vacuum (When individual lead wire is necessary, order with the port number below.)

#### • Lead wire with connector for pressure switch for vacuum

ZS - 39 - 5G

#### • Lead wire with connector for switch with energy saving function

ZK2 - LW **A** 20 - A

#### Output specifications

<b>A</b>	NPN open collector
<b>B</b>	PNP open collector

### ⑮ Pressure sensor assembly

ZK2 - PS **1** □ - A

#### Rated pressure range and specifications

<b>1</b>	0 to -101 kPa, Output: 1 to 5 V, Accuracy: ±2% F.S. or less
<b>3</b>	-100 to 100 kPa, Output: 1 to 5 V, Accuracy: ±2% F.S. or less

#### Mounting

<b>Nil</b>	Mounted to the single unit
<b>L</b>	Mounted to the manifold

The screw length mounted to the ejector is different.

How to Order

Specifications/  
Flow-rate Characteristics

Port Layout

Construction

Exploded View of Manifold

Dimensions

Specific Product Precautions