

Multistage Ejector

Series ZL212

Standard



With vacuum pressure gauge



With digital vacuum pressure switch



With adaptor



Port exhaust



How to Order

ZL2 12

Nozzle diameter
12 1.2 mm

Exhaust specifications
Nil Built-in silencer
P Port exhaust

Vacuum pressure sensor

| | |
|-----|---|
| Nil | None |
| GN | Adaptor Rc 1/8 |
| G | With vacuum pressure gauge |
| E | With digital vacuum pressure switch ZSE4 |
| EB | With digital vacuum pressure switch ZSE4B |
| EE | With digital vacuum pressure switch ZSE4E |

Lead wire length

| | |
|-----|-------|
| Nil | 0.5 m |
| L | 2.9 m |

Unit specifications

| | |
|-----|----------------------------------|
| Nil | With unit switching function (1) |
| M | SI unit only (2) |

Note 1) W/ unit switching function is not permitted to sell for the domestic use in Japan, because the new Weight and Measure Act has been implemented since October '99.

Note 2) Fixed unit: kPa

Digital vacuum pressure switch specifications

| For E (ZSE4) EB (ZSE4B) | | |
|-------------------------|---------------|------------------------------|
| 25 | NPN output | Lead wire length 0.6 (3.0) m |
| 26 | Analog output | Lead wire length 0.6 (3.0) m |
| 65 | PNP output | Lead wire length 0.6 (3.0) m |
| For EE (ZSE4E) | | |
| 27 | NPN output | Lead wire length 0.6 (3.0) m |
| 26 | Analog output | Lead wire length 0.6 (3.0) m |
| 67 | PNP output | Lead wire length 0.6 (3.0) m |

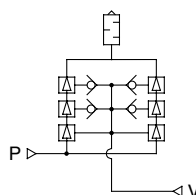
* Not required for Nil, vacuum adaptor ("GN") and vacuum pressure gauge ("G").

Ejector Specifications

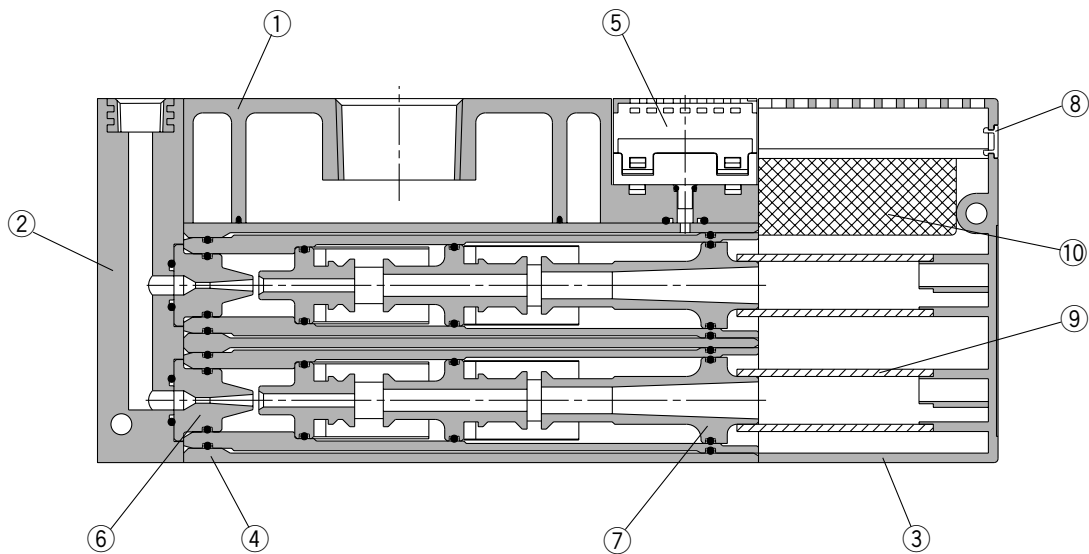
| Model | ZL212 |
|-----------------------------|-----------------|
| Nozzle diameter | ø1.2 mm x 2 |
| Maximum suction flow rate | 200 ℓ/min (ANR) |
| Air consumption | 126 ℓ/min (ANR) |
| Maximum vacuum pressure | -84 kPa |
| Maximum operating pressure | 0.7 MPa |
| Supply pressure range | 0.2 to 0.5 MPa |
| Standard supply pressure | 0.4 MPa |
| Operating temperature range | 5 to 50°C |

* Refer to pages 13-7-4 to 13-7-5 for vacuum pressure gauge and digital vacuum pressure switch specifications.

JIS Symbol
Standard



Construction



Component Parts

| No. | Description | Part no. | Note |
|-----|--------------------|----------|------------------------------|
| ① | Suction cover | | |
| ② | Front cover A | | |
| ③ | End plate | | |
| ④ | Body | | |
| ⑤ | Vacuum sensor unit | | |
| ⑥ | Nozzle | | |
| ⑦ | Diffuser | | |
| ⑧ | Detent plug | P397110 | Other than vacuum switch |
| | Lead wire cover | P397176 | Vacuum switch specifications |

Replacement Parts

| No. | Description | Material | Part no. |
|-----|----------------------------|----------|----------|
| ⑨ | Sound absorbing material A | PVF | P397114 |
| ⑩ | Sound absorbing material | PVF | P397230 |

* When ordering a vacuum pressure gauge or a digital vacuum pressure switch separately, use the part numbers shown in the option specifications on page 13-7-5.

ZX

ZR

ZM

ZH

ZU

ZL

ZY

ZQ

ZF

ZP

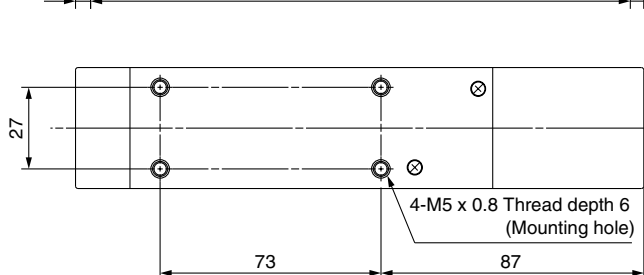
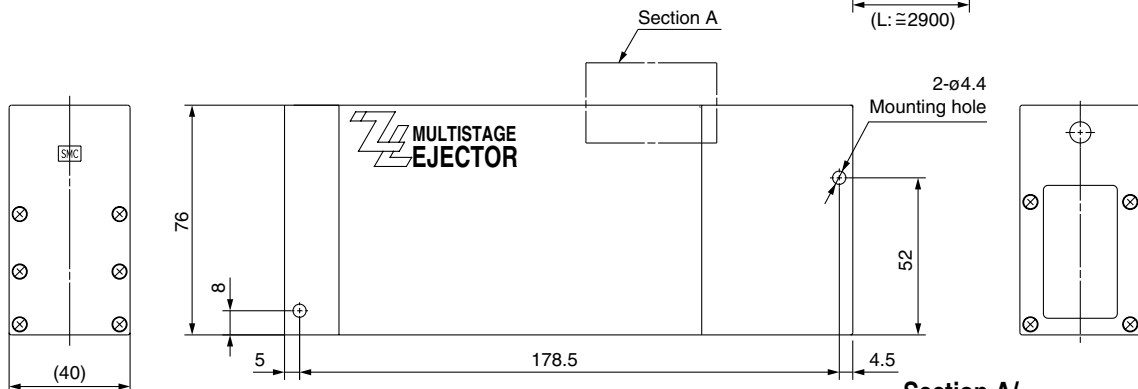
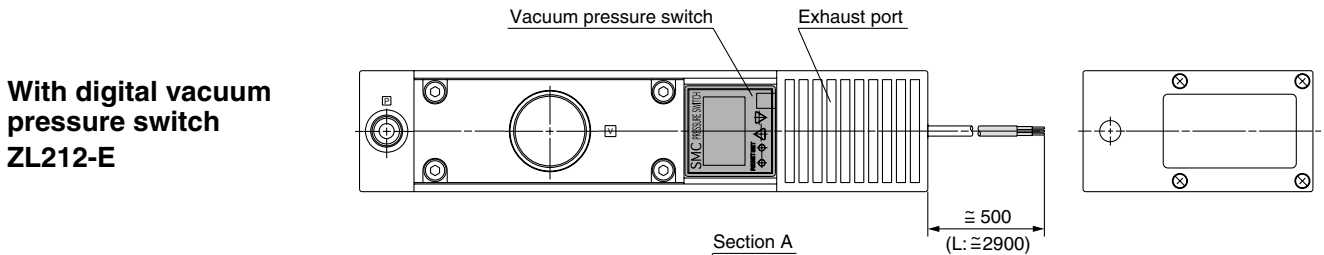
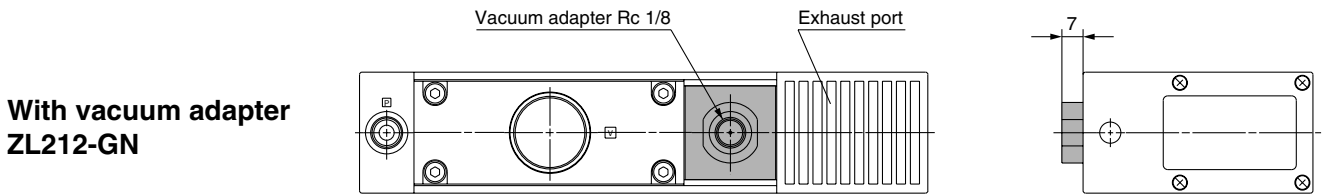
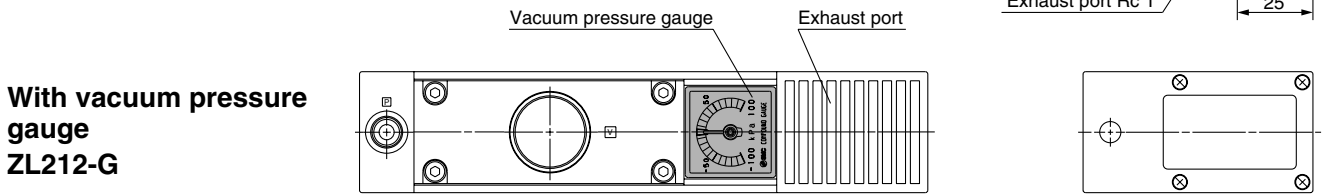
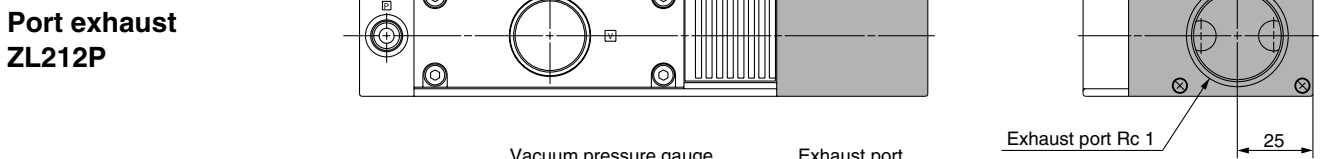
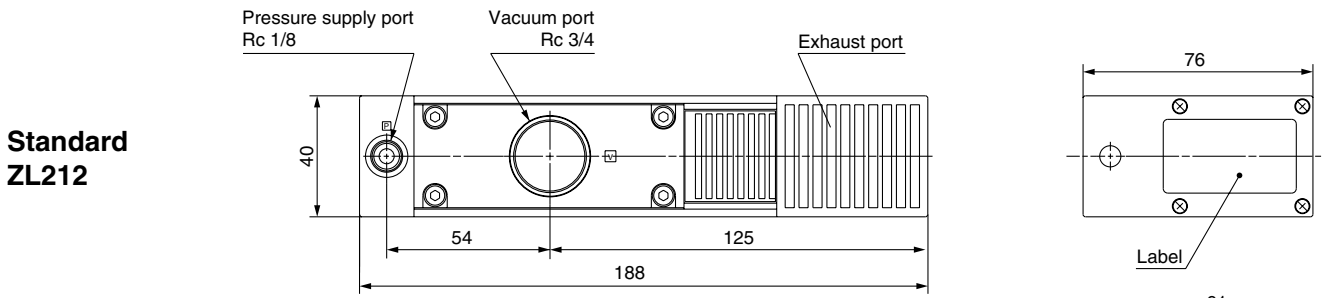
ZCU

AMJ

Misc.

Series ZL

Dimensions: Series ZL212



Section A/ With Digital Vacuum Pressure Switch

