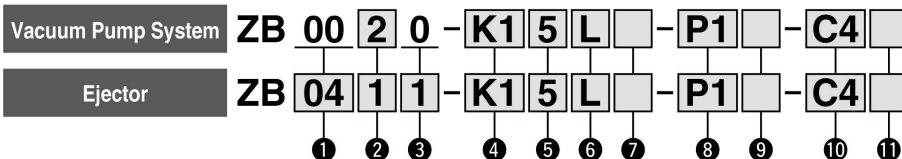


Compact Vacuum Unit

ZB Series



How to Order Single Unit



1 Nominal Nozzle Size

Symbol	Nominal nozzle size	Applicable supply valve and standard supply pressure	
		Large flow (N.C.)	Latching
00 <small>Note 1)</small>	—	●	—
03	ø0.3	● (0.35 MPa)	● (0.4 MPa)
04	ø0.4	● (0.35 MPa)	● (0.45 MPa)
05	ø0.5	● (0.35 MPa)	—
06	ø0.6	● (0.5 MPa)	—

Note 1) Vacuum pump system only

3 Exhaust Type

0	For vacuum pump system (Without silencer)		Without exhaust port
1	Silencer exhaust (Individual exhaust)		Exhaust direction
2	Port exhaust (Individual exhaust)		Exhaust port

2 Body Type

Symbol	Body specification	Port specification <small>Note 2)</small>
1	Single unit	 PV, PD common port (PV = PD)
2	Single unit	 PV, PD individual port (PV ≠ PD)
3	For manifold	No distinction

Note 2) Names of the ports and functions are as follows.
 PV: Air pressure SUP port (Ejector)
 Vacuum pressure SUP port (Vacuum pump system)
 PD: Release pressure SUP port
 (For the unit with PD port, select the model with a release valve for ●.)
 Specify the port specification of the body for manifold with the manifold model number.

5 Rated Voltage

5	24 VDC
6	12 VDC

6 Supply Valve/Release Valve Electrical Entry Note 4)

L	L-type plug connector With lead wire	
LO	L-type plug connector Without connector	
M	M-type plug connector With lead wire <small>Note 5)</small>	
MO	M-type plug connector Without connector <small>Note 5)</small>	

Note 4) All with light and surge suppressor.
 Lead wire length is 300 mm for the models with lead wire. For other lead wire length, select a model without connector and include the connector assembly part number in **Table 2** on page 192.

Note 5) M- and MO-type connectors cannot be selected for models with pressure sensor or pressure switch for vacuum.

4 Combination of Supply Valve and Release Valve Note 3)

Symbol	Supply valve	Release valve	Applicable body type			
			Ejector		Pump system	
			PV = PD	PV ≠ PD	PV = PD	PV ≠ PD
K1	Normally closed	Normally closed	●	●	—	●
J1	Normally closed	None	●*	—	●*	—
Q1	Latching (Positive common)	Normally closed	●	●	—	—
Q2	Latching (Positive common)	None	●*	—	—	—

* Vacuum break by port open to atmosphere

Note 3) Refer to **Table 1** on page 192 for the part number of supply valve and release valve of each specification. Latching type is applicable only to the ejector nozzle sizes ø0.3 and ø0.4

7 Manual Override Note 6)

NII	Non-locking push type	
B	Locking type (Tool required) Semi-standard	

Note 6) Latching type (supply valve) has the push-locking type only, but either the push type or the locking type can be selected for the release valve.