

Vacuum Ejector Box Type (Built-in Silencer)/Body Ported Type **ZH Series**



Body ported type has been remodeled.
Please refer to page 221 for details.

How to Order

Note Refer to "Table (1)" and "(2)" for the combination available for SUP, VAC and EXH port connection.



**Box type
(Built-in silencer)**

ZH **07** B S - **06** - **06**

**Body ported type
(Without silencer)**

ZH **07** D S - **01** - **01** - **01**



Nozzle diameter

Symbol	Size	Body type	
		Box type	Body ported type
05	0.5	●	●
07	0.7	●	●
10	1.0	●	●
13	1.3	●	●
15	1.5	—	●
18	1.8	—	●
20	2.0	—	●

Maximum vacuum pressure

S	-88 kPa
L	-48 kPa

SUP. port size ^{Note)}

Symbol	Size	Style
06	6	One-touch
08	8	One-touch
10	10	One-touch
12	12	One-touch
01	Rc 1/8	Screw-in
02	Rc 1/4	Screw-in
03	Rc 3/8	Screw-in
F01	G 1/8	Screw-in
F02	G 1/4	Screw-in
F03	G 3/8	Screw-in

VAC. port size ^{Note)}

Symbol	Size	Style
06	6	One-touch
10	10	One-touch
12	12	One-touch
16	16	One-touch
01	Rc 1/8	Screw-in
02	Rc 1/4	Screw-in
03	Rc 3/8	Screw-in
04	Rc 1/2	Screw-in
F01	G 1/8	Screw-in
F02	G 1/4	Screw-in
F03	G 3/8	Screw-in
F04	G 1/2	Screw-in

EXH. port size ^{Note)}

Symbol	Size	Style
06	6	One-touch
08	8	One-touch
10	10	One-touch
12	12	One-touch
16	16	One-touch
01	Rc 1/8	Screw-in
02	Rc 1/4	Screw-in
03	Rc 3/8	Screw-in
04	Rc 1/2	Screw-in
F01	G 1/8	Screw-in
F02	G 1/4	Screw-in
F03	G 3/8	Screw-in
F04	G 1/2	Screw-in

Note) Do not make the piping diameter smaller, such as by connecting a reducer to the exhaust port, etc., since it may lower the performance.

* The thread ridge shape is conforming to G thread standard (JIS B 0202), but other shapes are not conforming to ISO16030 and ISO1179.

Table (1) Combination of Connection

Body type		SUP	VAC	EXH
Box type (Built-in silencer)	1	One-touch	One-touch	—
	2	One-touch	Screw-in	—
	3	Screw-in	Screw-in	—
Body ported type (Without silencer)	1	One-touch	One-touch	One-touch
	2	One-touch	Screw-in	One-touch
	3	Screw-in	Screw-in	Screw-in

Table (2) Port Size

Model	Connection (One-touch/Screw-in)		
	SUP	VAC	EXH
ZH05B	ø6, Rc 1/8 G 1/8	ø6, Rc 1/8 G 1/8	—
ZH07B			
ZH10B			
ZH13B	ø8, Rc 1/8 G 1/8	ø10, Rc 1/4 G 1/4	—
ZH05D			
ZH07D	ø6, Rc 1/8 G 1/8	ø6, Rc 1/8 G 1/8	ø6, Rc 1/8 G 1/8
ZH10D			
ZH13D			
ZH15D	ø10, Rc 1/4 G 1/4	ø12, Rc 3/8 G 3/8	ø12, Rc 3/8 G 3/8
ZH18D			
ZH20D	ø12, Rc 3/8 G 3/8	ø16, Rc 1/2 G 1/2	ø16, Rc 1/2 G 1/2

