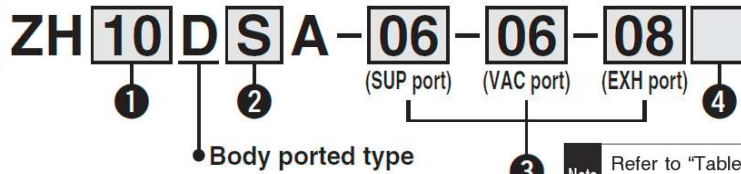


Body Ported Type Vacuum Ejector

ZH Series

How to Order

Body ported



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

1 Nozzle size

Nozzle size	Nozzle size
05	ø0.5 mm
07	ø0.7 mm
10	ø1.0 mm
13	ø1.3 mm
15	ø1.5 mm
18	ø1.8 mm
20	ø2.0 mm

2 Vacuum pressure reached

Vacuum pressure reached	Note
S -90 kPa	ZH05 to 20
L -48 kPa	ZH05 to 13
-66 kPa	ZH15 to 20

3 Port (SUP/VAC/EXH) size

One-touch fittings

Metric size	Inch size
06	ø6
08	ø8
10	ø10
12	ø12
07	ø1/4"
09	ø5/16"
11	ø3/8"
13	ø1/2"

Female threads

Metric size	Inch size
01	Rc1/8
02	Rc1/4
03	Rc3/8
04	Rc1/2
F01	G1/8
F02	G1/4
F03	G3/8
F04	G1/2
N01	NPT1/8
N02	NPT1/4
N03	NPT3/8
N04	NPT1/2

4 Accessories (Standard bracket/Silencer)**

Symbol	Standard bracket	Silencer
Nil	●	×
N	×	×
S*3	●	●
NS*3	×	●

*3 Options S and NS are not available for EXH port with a screw-in connection.

*4 Each accessory is not assembled with the product but shipped together.

Standard bracket

Applicable model			
Model	ZH2-BK1A-1-A	ZH2-BK1A-2-A	ZH2-BK1A-3-A

Silencer



- Silencer can only be selected for EXH port with One-touch fitting.
- The silencer part number depends on the size of the EXH port.

EXH port	Silencer part no.
06	AN10-C06
07	AN10-C07
08	AN15-C08
09	AN15-C08
10	AN20-C10
11	AN20-C11
12	AN30-C12

* No silencer available for ZH18/20D□A in inch size for EXH port size '13'. In that case, select the screw-in connection, and order silencer AN30-N03 and AN40-N04 separately. For details about silencers, refer to the AN series in the Web Catalog.

Table 1 Body ported SUP/VAC/EXH port size

Model	SUP	VAC	EXH	SUP	VAC	EXH
ZH05D□A-	06 - 06 - 06	ø6	ø6	ø6	ø6	ø6
	06 - 01 - 06	ø6	Rc1/8	ø6	Rc1/8	ø6
	06 - F01 - 06	ø6	G1/8	ø6	G1/8	ø6
	01 - 01 - 01	Rc1/8	Rc1/8	Rc1/8	Rc1/8	Rc1/8
ZH07D□A-	F01 - F01 - F01	G1/8	G1/8	G1/8	G1/8	G1/8
	06 - 06 - 06	ø6	ø6	ø6	ø6	ø6
	06 - 01 - 06	ø6	Rc1/8	ø6	Rc1/8	ø6
	06 - F01 - 06	ø6	G1/8	ø6	G1/8	ø6
ZH10D□A-	01 - 01 - 01	Rc1/8	Rc1/8	Rc1/8	Rc1/8	Rc1/8
	F01 - F01 - F01	G1/8	G1/8	G1/8	G1/8	G1/8
	06 - 06 - 08	ø6	ø6	ø8	ø8	ø8
	06 - 01 - 08	ø6	Rc1/8	ø8	Rc1/8	ø8
ZH13D□A-	06 - F01 - 08	ø6	G1/8	ø8	G1/8	ø8
	01 - 01 - 01	Rc1/8	Rc1/8	Rc1/8	Rc1/8	Rc1/8
	F01 - F01 - F01	G1/8	G1/8	G1/8	G1/8	G1/8
	08 - 10 - 10	ø8	ø10	ø10	ø10	ø10
ZH15D□A-	08 - 02 - 10	ø8	Rc1/4	ø10	Rc1/4	ø10
	08 - F02 - 10	ø8	G1/4	ø10	G1/4	ø10
	01 - 02 - 02	Rc1/8	Rc1/4	Rc1/4	Rc1/4	Rc1/4
	F01 - F02 - F02	G1/8	G1/4	G1/4	G1/4	G1/4
ZH18D□A-	08 - 10 - 10	ø8	ø10	ø10	ø10	ø10
	08 - 03 - 10	ø8	Rc3/8	ø10	Rc3/8	ø10
	08 - F03 - 10	ø8	G3/8	ø10	G3/8	ø10
	02 - 03 - 03	Rc1/4	Rc3/8	Rc3/8	Rc3/8	Rc3/8
ZH20D□A-	F02 - F03 - F03	G1/4	G3/8	G3/8	G3/8	G3/8
	10 - 12 - 12	ø10	ø12	ø12	ø12	ø12
	10 - 03 - 12	ø10	Rc3/8	ø12	Rc3/8	ø12
	10 - F03 - 12	ø10	G3/8	ø12	G3/8	ø12
ZH20D□A-	03 - 03 - 03	Rc3/8	Rc3/8	Rc3/8	Rc3/8	Rc3/8
	F03 - F03 - F03	G3/8	G3/8	G3/8	G3/8	G3/8
	10 - 12 - 12	ø10	ø12	ø12	ø12	ø12
	10 - 04 - 12	ø10	Rc1/2	ø12	Rc1/2	ø12
ZH20D□A-	10 - F04 - 12	ø10	G1/2	ø12	G1/2	ø12
	03 - 04 - 04	Rc3/8	Rc1/2	Rc1/2	Rc1/2	Rc1/2
	F03 - F04 - F04	G3/8	G1/2	G1/2	G1/2	G1/2

*1 Screw-in: Rc and G female threads

Inch Size

Model	SUP	VAC	EXH	SUP	VAC	EXH
ZH05D□A-	07 - 07 - 07	ø1/4"	ø1/4"	ø1/4"	ø1/4"	ø1/4"
	07 - N01 - 07	ø1/4"	NPT1/8	ø1/4"	NPT1/8	ø1/4"
	N01 - N01 - N01	NPT1/8	NPT1/8	NPT1/8	NPT1/8	NPT1/8
ZH07D□A-	07 - 07 - 07	ø1/4"	ø1/4"	ø1/4"	ø1/4"	ø1/4"
	07 - N01 - 07	ø1/4"	NPT1/8	ø1/4"	NPT1/8	ø1/4"
	N01 - N01 - N01	NPT1/8	NPT1/8	NPT1/8	NPT1/8	NPT1/8
ZH10D□A-	07 - 07 - 09	ø1/4"	ø1/4"	ø5/16"	ø5/16"	ø5/16"
	07 - N01 - 09	ø1/4"	NPT1/8	ø5/16"	NPT1/8	ø5/16"
	N01 - N01 - N01	NPT1/8	NPT1/8	NPT1/8	NPT1/8	NPT1/8
ZH13D□A-	09 - 11 - 11	ø5/16"	ø3/8"	ø3/8"	ø3/8"	ø3/8"
	09 - N02 - 11	ø5/16"	NPT1/4	ø3/8"	NPT1/4	ø3/8"
	N01 - N02 - N02	NPT1/8	NPT1/4	NPT1/4	NPT1/4	NPT1/4
ZH15D□A-	09 - 11 - 11	ø5/16"	ø3/8"	ø3/8"	ø3/8"	ø3/8"
	09 - N03 - 11	ø5/16"	NPT3/8	ø3/8"	NPT3/8	ø3/8"
	N02 - N03 - N03	NPT1/4	NPT3/8	NPT3/8	NPT3/8	NPT3/8
ZH18D□A-	11 - 13 - 13	ø3/8"	ø1/2"	ø1/2"	ø1/2"	ø1/2"
	11 - N03 - 13	ø3/8"	NPT3/8	ø1/2"	NPT3/8	ø1/2"
	N03 - N03 - N03	NPT3/8	NPT3/8	NPT3/8	NPT3/8	NPT3/8
ZH20D□A-	11 - 13 - 13	ø3/8"	ø1/2"	ø1/2"	ø1/2"	ø1/2"
	11 - N04 - 13	ø3/8"	NPT1/2	ø1/2"	NPT1/2	ø1/2"
	N03 - N04 - N04	NPT3/8	NPT1/2	NPT1/2	NPT1/2	NPT1/2

*2 Screw-in: NPT female threads