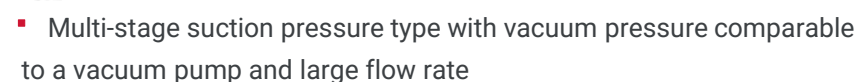


Washable Ejector

MVE
series



(Online sales only)

 Model number

MVE-30X

Ejector specifications

Maintenance parts model number

MVE-30X-PAC

※ O Ring (P-50)1each

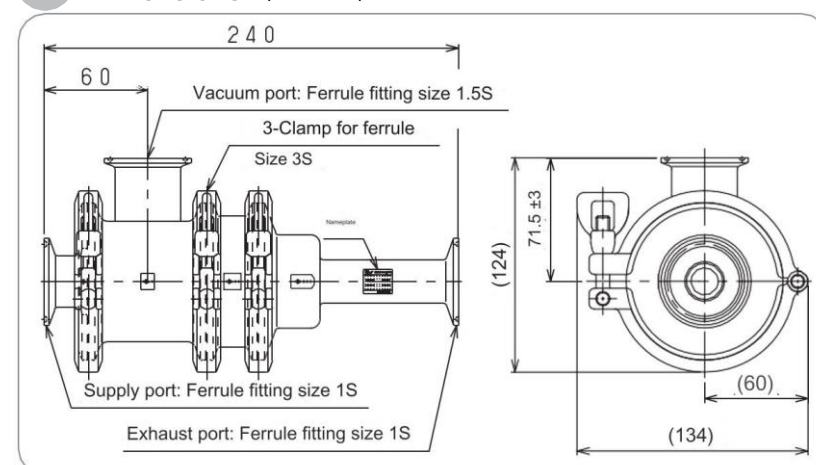
+

Set of 2 check valves



○ Dimensions (MVE-30X)

Size : mm



※ Rubber material complies with the Food Sanitation Law (not a metal detection material)

*Please note that specifications may change without notice.

*Please check the instruction manual for usage instructions and precautions.

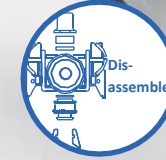


〒146-0092 Tokyo, Ota City,
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<https://www.convum.com/>

No. 0Z25



CONVUM Channel



NEW Washable Ejector

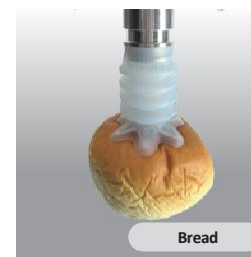
MVE series



- Uses metal material **SUS304**
- High flow type O-ring uses metal detection material
- All suction pads and rubber materials comply with the **Food Sanitation Act.**

- Can be assembled and disassembled without tools
- Cleanable and easy to maintain

Application examples



※ Ideal for workpieces with air permeability and workpieces with individual differences in shape.

High flow type

Model number **MVE—06—R—S—S—SM**

①Size (mm)		②Supply Connection		③ Suction connection shape		④ Exhaust connection shape		⑤ O-ring material	
code	Minimum flow diameter	code	shape	code	shape	code	shape	code	shape
06	6	R	Screw	S	Straight	S	Straight	SM	Metal compound silicone
10	10	F	Ferrule	F	Ferrule	F	Ferrule		
				P	Pad Mounting				

※ When making a selection, please also refer to the list of model combinations.

[List of model combinations] [Mass table] [Maintenance parts model number]

Model Number	Weight g	Maintenance parts model list		
		supply port		
MVE-06-FFF-SM	416	MVE-06PF	MVE-06VF	MVE-06EF
MVE-06-FSS-SM	336		MVE-06VS	MVE-06ES
MVE-06-FPS-SM	345		MVE-06VP	MVE-06ES
MVE-06-RFF-SM	389		MVE-06VF	MVE-06EF
MVE-06-RSS-SM	309	MVE-06PR	MVE-06VS	MVE-06ES
MVE-06-RPS-SM	318		MVE-06VP	MVE-06ES

Model Number	Weight g	Maintenance parts model list		
MVE-10-FFF-SM	546	MVE-10PF	MVE-10VF	MVE-10EF
MVE-10-FSS-SM	418		MVE-10VS	MVE-10ES
MVE-10-FPS-SM	437		MVE-10VP	MVE-10ES
MVE-10-RFF-SM	526		MVE-10VF	MVE-10EF
MVE-10-RSS-SM	398	MVE-10PR	MVE-10VS	MVE-10ES
MVE-10-RPS-SM	417		MVE-10VP	MVE-10ES

O-ring for 06 type (P-15): MVE-06SM (set of 2)
O-ring for type 10 (P-21): MVE-10SM (set of 2)

Bracket set for 06 type: MVE-06B (suction side/exhaust side bracket, hexagon socket head bolt, snap lock)
Bracket set for 10 types: MVE-10B (suction side/exhaust side bracket, hexagon socket head bolt, snap lock)

For pad mounting

(Pad compatibility table when "P" is selected in ③)
When selecting the minimum flow hole diameter size 06mm ("06" in ①)

Pad series and shape	Pad Size mm	Material
PLG Multi stage bellows	20 (φ20) 30 (φ30)	S4(Silicon40)
		S5(Silicon55)
		SM(Metal compound Silicon55)
PN-B Series 2-tier thin bellows	132B(φ18) 133B(φ25) 134B(φ35)	N (ニトリル55)
		S3(Silicon 30)
		S4(Silicon 40)
		SM(Metal compound Silicon 55)
PM Series Flat type	24(φ20相当)	S4(Silicon 40)
		S5(Silicon 55)
PM Series Bellows	24(φ20相当) 40(φ34相当)	SM(Metal compound Silicon 55)
		S4(Silicon 40)
		S5(Silicon 55)

When selecting the minimum flow hole diameter size 10mm ("10" in ①)

Pad series and shape	Pad Size mm	Material
PLG Multi stage bellows	30 (φ30) 40 (φ40)	S4(Silicon 40)
		S5(Silicon 55)
		SM(Metal compound Silicon 55)
PM Series Flat type	40(φ34相当)	S4(Silicon 40)
		S5(Silicon 55)
PM Series Bellows	40(φ34相当) 56(φ48相当)	SM(Metal compound Silicon 55)
		S4(Silicon 40)
		S5(Silicon 55)

Ejector specifications

		06	10
Minimum flow diameter	mm	6	10
Fluid used	-	Oil-free compressed air	
Operating temperature	℃	-40~180(no freezing)	
Working pressure range	MPa	0.15~0.5	0.15~0.6
Ultimate vacuum pressure	kPa	-18	-14
Suction flow rate	L/min (ANR)	200	530
Air consumption	L/min (ANR)	110	180

Note) Performance at supply pressure 0.5MPa

exploded view

