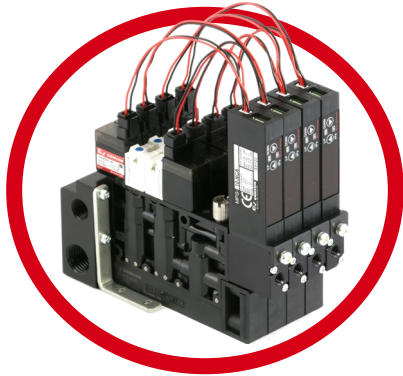


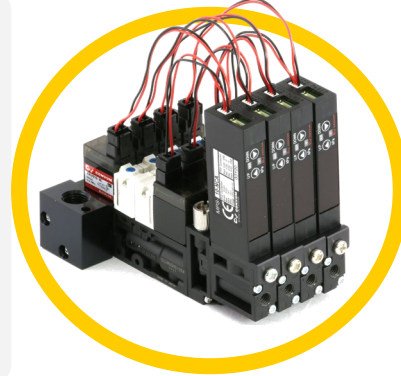
CONVUM vacuum ejectors

SC1series



- ▶Energy-savings
Air consumptions:50% reduced (compared to MC52)
*in the case of X/B nozzle
- ▶Space-saving
10mm width body
- ▶Very low supply pressure
:0.18MPa ,
achievement :-83kPa
- ▶Concentrated exhaust
choice available
Use in the clean room

SC2series

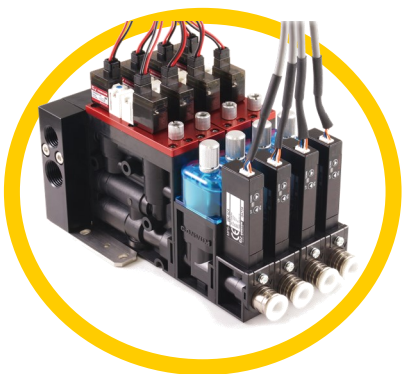


- Compact ejector
- ▶Quick response
Vacuum response time
20ms (30% reduce compared to other CONVUM)
* Condition:05HS type, up-to
-60kPa, tube: φ4/φ2.5×50mm
- ▶Compact design
Volume: 40% reduce compared to MC42
- ▶Can be mounted on manifold up to 8units

Nozzle Type	Unit	X	B	5S	7S	1S	5R	7R	1R
Operating pressure range	MPa	0.5	0.18	0.5			0.35		
Vacuum (air) flow	l/min(ANR)	8.5	10	5.5	11	20	4	9	15
Max. vacuum pressure	kPa	-90	-83	-87					
Air consumption	l/min(ANR)	10	10	22.5	50	10	22.5	55	

Nozzle Type	Unit	04HS	05HS	05HR
Operating pressure range	MPa	0.5		0.4
Vacuum (air) flow	l/min(ANR)	2.5	5.0	4.0
Max. vacuum pressure	kPa	-85	-86.6	
Air consumption	l/min(ANR)	8.5	12	

SC3series



- Medium size ejector
- ▶Multi-stage nozzle is available
- ▶The combination with or without the filter and the sensor can be selected
- ▶Blow-off quickly and certainly
Blow-off flow: Max. 200 l/min (ANR)
- ▶The connector with supply port and vacuum port is easy assemble and easy disassemble

MC10series



- High flow type ejector
- ▶High flow ejector.
Comparable to vacuum pump. Large vacuum (260 l/min) can be ensured with very low supply pressure(0.3MPa)
- ▶Solenoid valve and push-in connector mounted.

Nozzle Type	Unit	10S	13S	15S	10L	13L	15L	10R	13R	15R	07X	10X	15X	
Operating pressure range	MPa	0.5			0.5			0.25			0.35			0.5
Vacuum (air) flow	l/min(ANR)	23	38	57	43	66	74	20	30	50	37	46	65	
Max. vacuum pressure	kPa	-90	-89	-91	-65	-57	-63	-86	-88	-90	-90			
Air consumption	l/min(ANR)	48	74	100	48	74	100	47	70	100	22	48	100	

Nozzle Type	Unit	P
Operating pressure range	MPa	0.3
Vacuum (air) flow	l/min(ANR)	260
Max. vacuum pressure	kPa	-85
Air consumption	l/min(ANR)	130

HFVseries



- High vacuum flow ejector (High flow)
- ▶High vacuum flow
- ▶Application examples
 - For conveying of light and ventilated work piece.
 - PCB handing
 - Small object
 - Air and gas
(Please consult us for the other usage.)

HDVseries














- High vacuum level ejector
- ▶High vacuum level
Reach higher vacuum level than general ejectors.
- ▶Suitable for degassing, air evacuation or vacuum chamber.








Model	Unit	HFV-25	HFV-30	HFV-45
Operating pressure range	MPa	0.5		
Vacuum (air) flow	l/min(ANR)	230	305	740
Max. vacuum pressure	kPa	-11	-5.0	-2
Air consumption	l/min(ANR)	170	145	160

Model	Unit	HDV-020S
Operating pressure range	MPa	0.5
Vacuum (air) flow	l/min(ANR)	35
Max. vacuum pressure	kPa	-98.6
Air consumption	l/min(ANR)	180

With solenoid valve

Series		SC1	SC2	SC3	MC22	MC32	MC42	MC52	MC72	MC10	CVA2	CVF-2
												
Nozzle type	0.4		●									
	0.5	●	●		●	●	●	●			●	●
	0.7	●		●	●	●	●	●				
	1.0	●		●	●	●		●			●	●
	1.3			●								
	1.5			●					●		●	
	2.0								●			
	2.5								●			
	B (Supply air 0.18MPa)	●										
	X (Supply air 0.5MPa)	●										
P (Supply air 0.3MPa)									●			
Solenoid valve	Vaccum	●	●	●	●	●	●	●	●	●	●	●
	Blow-off	●	●	●	●	●	●	●	●	●		
Pressure sensor	Digital	●	●	●	●	●	●	●	●	●	●	●
	Analog	●	●	●	●	●	●	●	●	●	●	●
	LED				●				●		●	●
	Mechanical										●	
Others	Filter	●	●	●	●	●		●	●			●
	Silencer	●	●	●	●	●	●	●	●	●	●	●
	Check Valve	●		●	●				●	●		
Solenoid valve air passage	Normally closed	●	●	●	●	●	●	●	●	●	●	●
	Normally open			●	●	●		●			●	●
	Self-holding	●	●	●	●	●		●	●	●	●	
The number of max units for manifold type,		6	8	5	8	8	5	8	5	5	-	-

Non solenoid valve

Series		MCV	CV	CVF-1	CCV	MCA	HDV	HFV
								
Nozzle type	0.4				●			
	0.5	●	●	●		●		
	0.7					●		
	1.0	●	●	●		●		
	1.3					●		
	1.5	●	●					
	2.0		●				●	
	2.5		●					
	3.0		●					
	HFV-(Body size)							25/30/45
Pressure sensor	LED			●				
	Mechanical	●	●					
Others	Filter			●				
	Silencer	●	●	●			●	