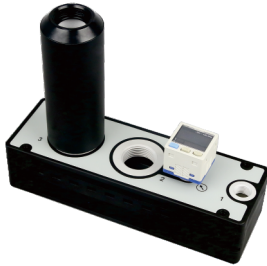


EVC

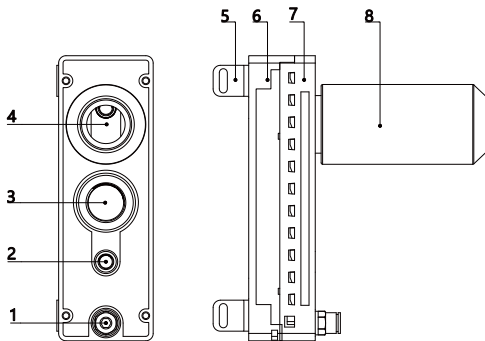
Vacuum Generator

Vacuum Flow: 360 NL/min-1650NL/min



Applications / Features

- The product adopts multi-stage large-flow vacuum tube, which can be widely used in various industries.
- The selection of vacuum degree is rich in types, which can cope with various working conditions and scenarios.
- High-performance muffler with external threaded port to expand external exhaust mode.
- Tool-less disassembly structure design, easier maintenance.
- Rich interface design, more convenient for customers to use.



1. Air supply port
2. The vacuum port (1) – connected to the vacuum gauge
3. Vacuum port (2) – connected to vacuum suction cup
4. Exhaust port
5. Install special bracket
6. Single-layer low board
7. Upper cover
8. Muffler

Specifications

EVC 25 L - D - N - A

① ② ③ ④ ⑤ ⑥

①	Type
EVC	EVC series

②	Specification	
25	1vacuum tube	single-layer bottom plate
50	2vacuum tubes	bottom plate
75	3vacuum tubes	double-layer bottom plate
100	4vacuum tubes	bottom plate
125	5vacuum tubes	three-layer bottom plate
150	6vacuum tubes	bottom plate

③	Vacuum Tube Type
L	- 72 kPa
H	- 92 kPa

④	Connection Board Type	Air Supply Port	Vacuum Port (2)	Exhaust Port
D	Applicable specifications 25, 50	G1/4	G3/4	G3/4
	Applicable specifications 75, 100	G1/4	G3/4	G3/4
B	Applicable specifications 125, 150	G1/4	G1	G1

⑤	Sealing Material
N	Nitrile rubber (default)
V	Fluororubber

⑥	Check Valve
Without	Without (default)
A	With

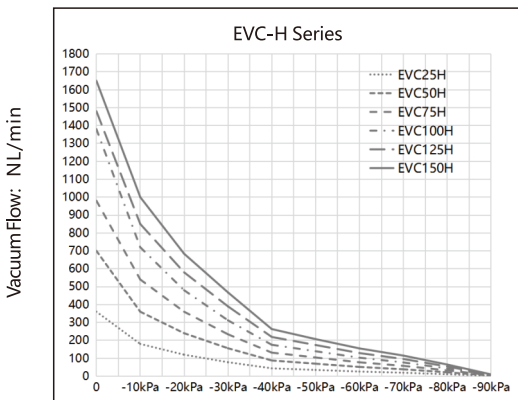
Performance Parameter

Specifications And Models	Supply Gas Pressure(MPa)	Maximum Vacuum Degree(-kPa)	Maximum Vacuum Flow(NL/min)	Gas Consumption(NL/min)	Recommended Diameter Of Air Supply Port(mm)	Recommended Pipe Diameter for Vacuum Port(mm)
EVC25H	0.45	92	360	135	8	25
EVC50H	0.45	92	700	270	8	25
EVC75H	0.45	92	980	405	10	32
EVC100H	0.45	92	1380	540	10	32
EVC125H	0.45	92	1480	675	12	45
EVC150H	0.50	92	1650	810	12	45
EVC25L	0.35	72	330	110	8	25
EVC50L	0.35	72	660	230	8	25
EVC75L	0.35	72	990	365	10	32
EVC100L	0.35	72	1220	445	10	32
EVC125L	0.35	72	1350	545	12	45
EVC150L	0.35	72	1470	650	12	45

Vacuum Flow Rate Of Different Vacuum Degrees (-kpa) (NL/min)

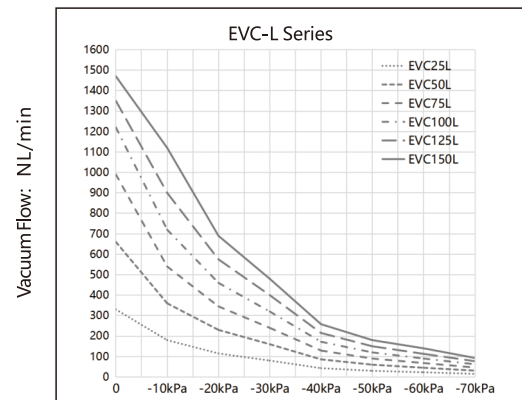
Specifications And Models	Supply Gas Pressure (MPa)	Gas Consumption NL/min	0	10	20	30	40	50	60	70	80	90	Maximum Vacuum Degree -kPa
EVC25H	0.45	135	360	180	120	78	44	35	26	19	11	2	92
EVC50H		270	700	360	240	156	88	70	52	38	22	4	
EVC75H		405	980	540	360	234	131	104	77	58	32	5	
EVC100H		540	1380	720	480	312	175	139	103	77	43	7	
EVC125H		675	1480	850	580	390	219	174	129	96	54	9	
EVC150H	0.50	810	1650	1000	684	468	263	207	155	115	65	10	72
EVC25L	0.35	110	330	180	115	80	43	30	23	15	—	—	
EVC50L		230	660	360	230	160	86	60	45	31	—	—	
EVC75L		365	990	540	345	240	129	90	68	46	—	—	
EVC100L		445	1220	720	460	320	172	120	90	62	—	—	
EVC125L		545	1350	900	575	400	215	150	113	77	—	—	
EVC150L		650	1470	1120	690	480	258	180	140	93	—	—	

EVC-H Vacuum flow rate of different vacuum degrees (-kpa) (NL/min)



Vacuum Degree: -kPa

EVC-L Vacuum flow rate of different vacuum degrees (-kpa) (NL/min)



Vacuum Degree: -kPa

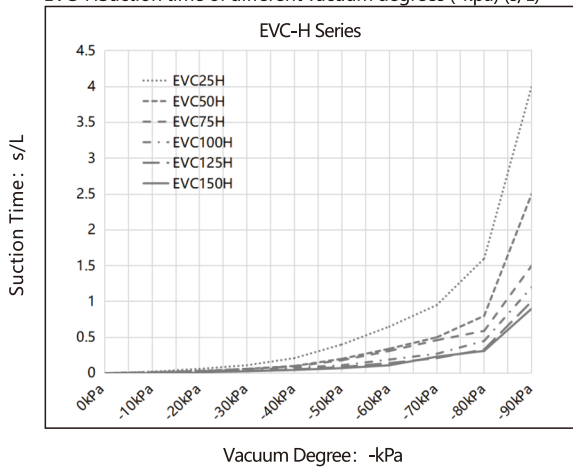
EVC Series Vacuum Generator



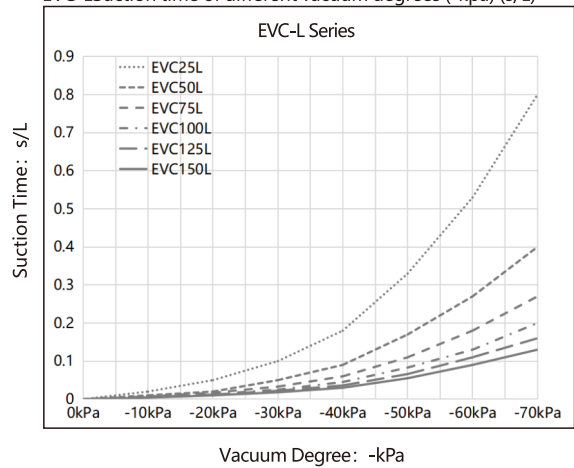
○ EVC-Hsuction Time Of Different Vacuum Degrees (-kpa) (s/L)

Specifications And Models	Supply Gas Pressure (MPa)	Gas Consumption (NL/min)	0	10	20	30	40	50	60	70	80	90	Maximum Vacuum Degree -kPa
EVC25H	0.45	135	0	0.02	0.06	0.11	0.21	0.40	0.65	0.95	1.60	4.00	92
EVC50H		270	0	0.014	0.031	0.06	0.10	0.20	0.34	0.50	0.80	2.50	
EVC75H		405	0	0.012	0.029	0.058	0.095	0.18	0.31	0.46	0.59	1.50	
EVC100H		540	0	0.010	0.025	0.043	0.075	0.11	0.19	0.27	0.45	1.20	
EVC125H		675	0	0.006	0.015	0.029	0.052	0.09	0.14	0.21	0.33	1.00	
EVC150H	810	0	0.005	0.013	0.027	0.045	0.07	0.11	0.23	0.46	0.90	72	
EVC25L	0.35	110	0	0.02	0.05	0.10	0.18	0.33	0.53	0.80	—		—
EVC50L		230	0	0.01	0.02	0.05	0.09	0.17	0.27	0.40	—		—
EVC75L		365	0	0.007	0.017	0.033	0.060	0.110	0.18	0.27	—		—
EVC100L		445	0	0.005	0.013	0.025	0.045	0.083	0.13	0.20	—		—
EVC125L		545	0	0.005	0.012	0.022	0.036	0.066	0.11	0.16	—		—
EVC150L		650	0	0.004	0.010	0.018	0.030	0.055	0.09	0.13	—		—

EVC-HSuction time of different vacuum degrees (-kpa) (s/L)

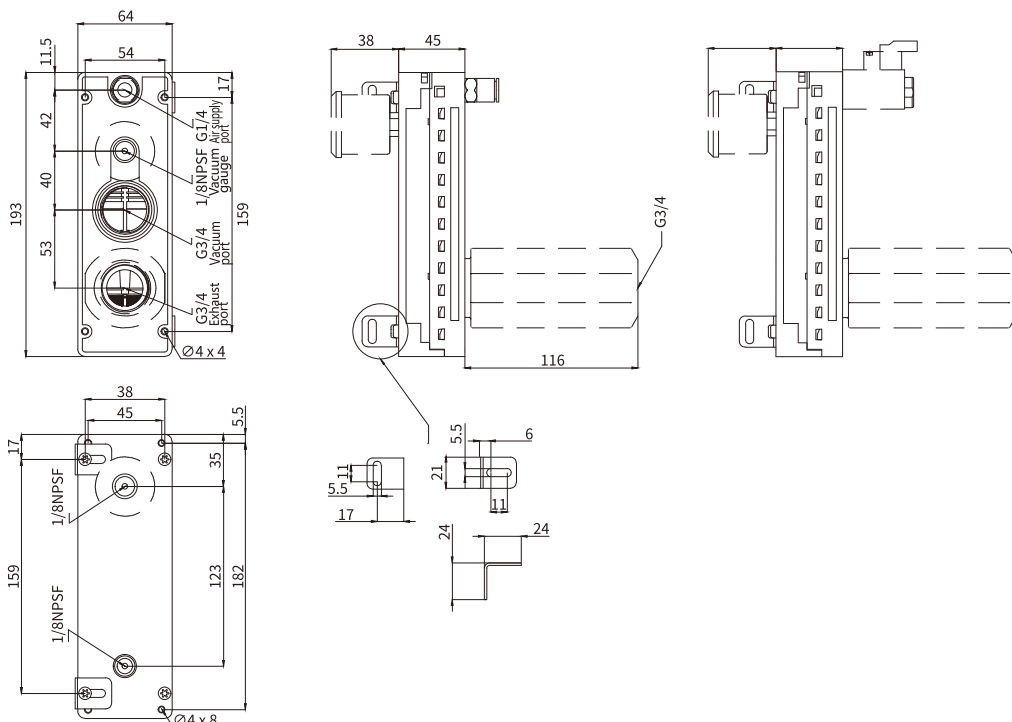


EVC-LSuction time of different vacuum degrees (-kpa) (s/L)



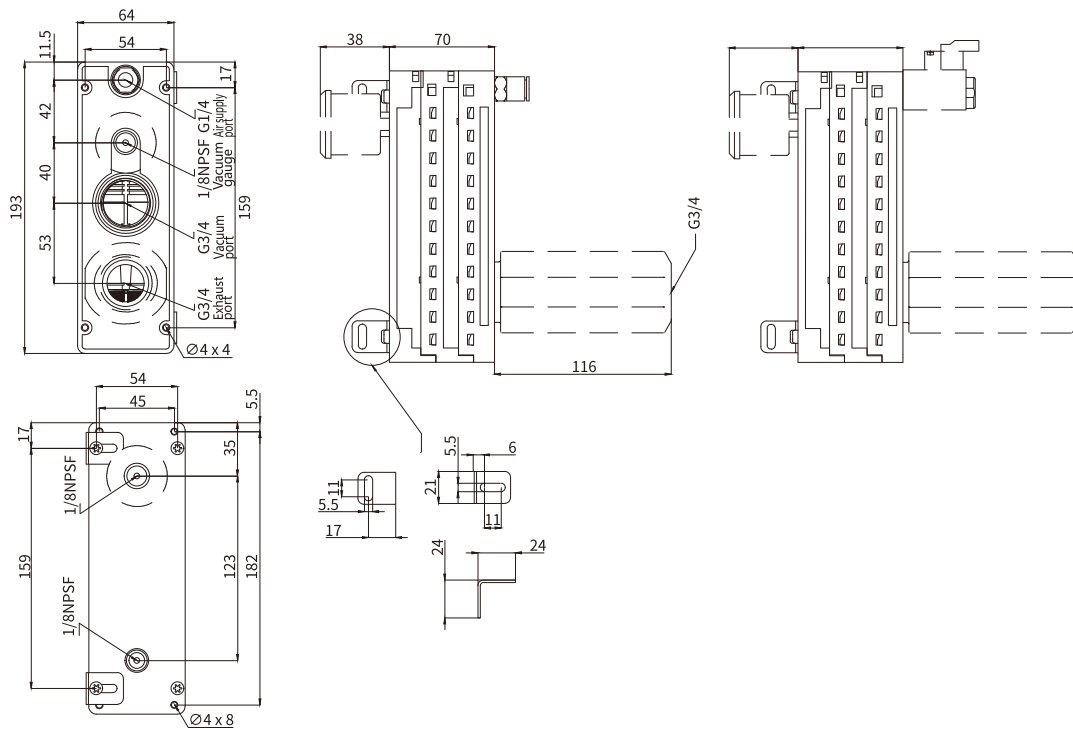
○ Main Dimension

EVC25/50 (H/L)



Main Dimension

EVC75/100 (H/L)



EVC125/150 (H/L)

