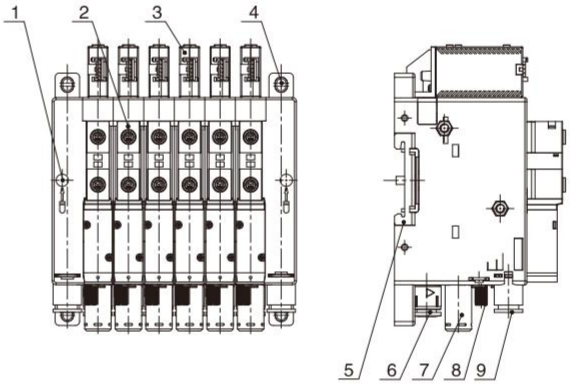
EZAZ

Integrated vacuum generator (Centralized air supply type)

Application/Features

- Multi–piece assembled EZA integrated vacuum generator structure, adopts centralized air supply
- Integrated for built–in integrated vacuum, vacuum breaking, silencer, energy saving, self–holding functions
- Built–in quick–replaceable vacuum filter ,for faster installation and removal
- Silence exhaust and vent exhaust optional
- 35mm DIN rail installation and screw hole installation combination, to meet different installation needs.



1. Guide rail fixing bracket, fastening bolt holes.
2. Monolithic integrated vacuum generator (assembled type)
3. Digital vacuum pressure gauge (optional)
4. Installation holes (4–4.5*6)
5. 35mm rail mounting slot
6. Vacuum interface(ϕ 6/ ϕ 8)
7. External silencer/through hole exhaust interface(ϕ 8)
8. Vacuum breaking flow adjustment valve stem
9. Air supply interface(2– ϕ 8)

How to Oder?

SERIES CODE	NOZZLE DIAMETER	□	—	Vacuum gauge specifications	—	Vacuum interface	—	Exhaust type	—	Assembly links

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07:Ø0.7
10:Ø1.0

Code	supply valve	Vacuum breaking valve
K	NC	NC
R	self–holding	NC

Note: R–Type is not available with an energy–saving vacuum gauge. When R–type is energized for more than 20ms, vacuum occurs and continues. When the vacuum is energized, the vacuum stops.

Blank: Without gauge
W: External vacuum detection
N: NPN type
P: PNP type
NE: NPN type+Energy saving
PE: PNP type+Energy saving

06:Ø6
08:Ø8

Blank: silencer(default)
D: Exhaust port (ϕ 8)

2F: 2 links
4F: 4 links
6F: 6 links
8F: 8 links
10F: 10 links
12F: 12 links

Containerized maximum simultaneous opening positions				
Intake method	Intake caliber	EZA□07	EZA□10	Self–maintaining
Unilateral intake	1–Ø8	8 links	6 links	4 links
Both sides intake	2–Ø8	10 links	9 links	6 links
non–simultaneous open digit		12 links	12 links	12 links

Order Example:

EZAZ series centralized air supply type vacuum generating circuit, ϕ 1.0 nozzle diameter, NC supply network, NC vacuum breaking, NPN vacuum gauge, ϕ 6 vacuum interface, port exhaust ϕ 8, 6 links, its ordering The code is: EZAZ10K–N–06–D–6F

Performance Parameter

Model specifications	Rated air supply pressure Mpa	Maximum vacuum–kPa	Maximum vacuum flow NL/min	Single generator air consumption NL/min	Air supply interface mm	Vacuum interface mm	Noised B(A)
EZAZ 07–	0.35	85	26	15	2– ϕ 8	ϕ 6 / ϕ 8	62
EZAZ 10–	0.35	85	45	40	2– ϕ 8	ϕ 6 / ϕ 8	74

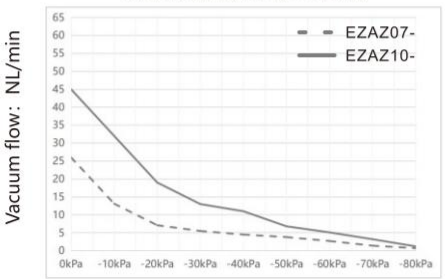
Vacuum flow rate at different vacuum degrees (–kPa)(NL/min)

Model	Rated air supply pressure Mpa	Single generator air consumption NL/min	0	10	20	30	40	50	60	70	80	Maximum vacuum–kPa
EZAZ 07–	0.35	15	26	13.1	7.1	5.5	4.5	3.8	2.7	1.4	0.4	85
EZAZ 10–	0.35	40	45	32	19	13	11	6.8	5.1	3.2	1.2	85

Suction time for different vacuum degrees (–kPa) (s /L)

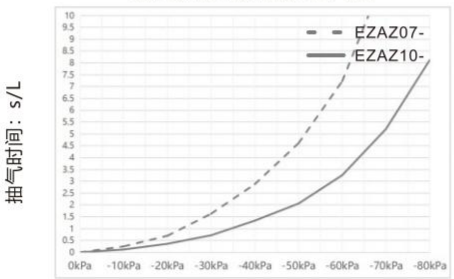
Model	Rated air supply pressure Mpa	Single generator air consumption NL/min	0	10	20	30	40	50	60	70	80	Maximum vacuum–kPa
EZAZ 07–	0.35	15	0	0.25	0.70	1.63	2.68	4.61	7.23	11.85	18.77	85
EZAZ 10–	0.35	40	0	0.12	0.36	0.72	1.34	2.06	3.26	5.21	8.12	85

EZAZ-Vacuum flow rate (NL/min) at different vacuum degrees (-kPa)



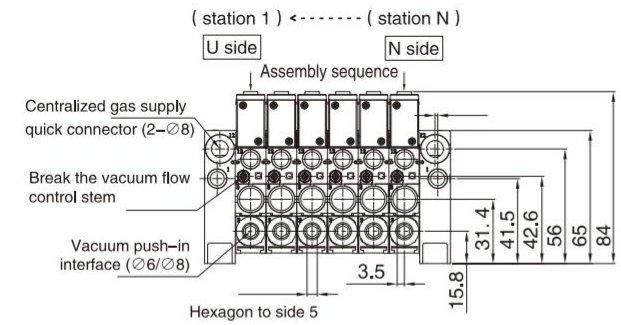
Vacuum：-kPa

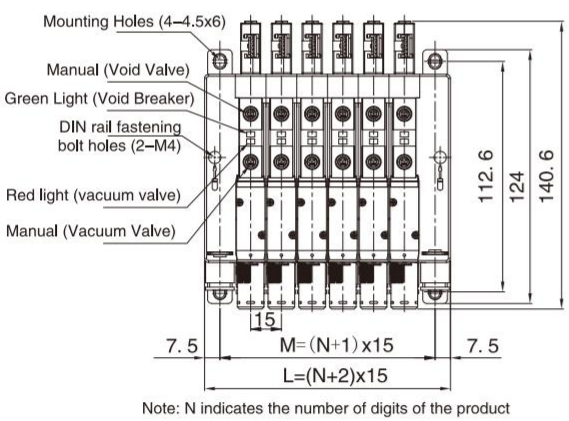
Pumping time (s /L) for different vacuum degrees (-kPa)



Vacuum：-kPa

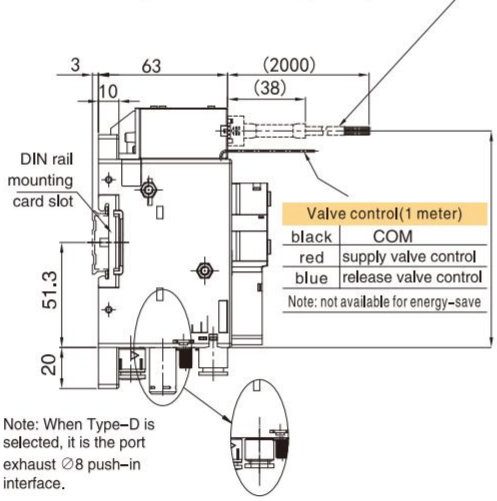
Dimensions(mm)





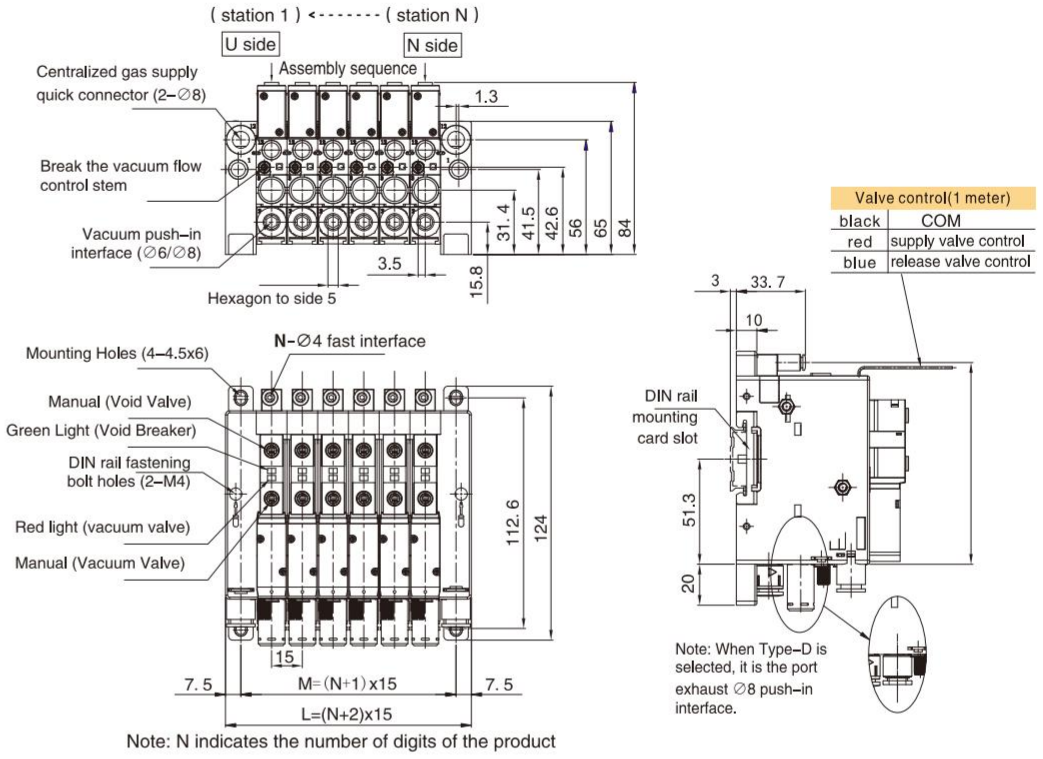
Note: N indicates the number of digits of the product

Pressure gauge power cord (energy–saving type)		Pressure gauge power cord (non–energy–saving type)	
Brown	DC(24V)	Brown	DC(24V)
Blue	DC(0V)	Blue	DC(0V)
Orange	Vacuum Signal Input DC(0V)	Orange	Analog output
White	Void Break Signal Input DC(0V)	White	OUT2
Black	OUT1	Black	OUT1



◎ Dimensions(mm)

EZAZ□–W with external vacuum detection outline



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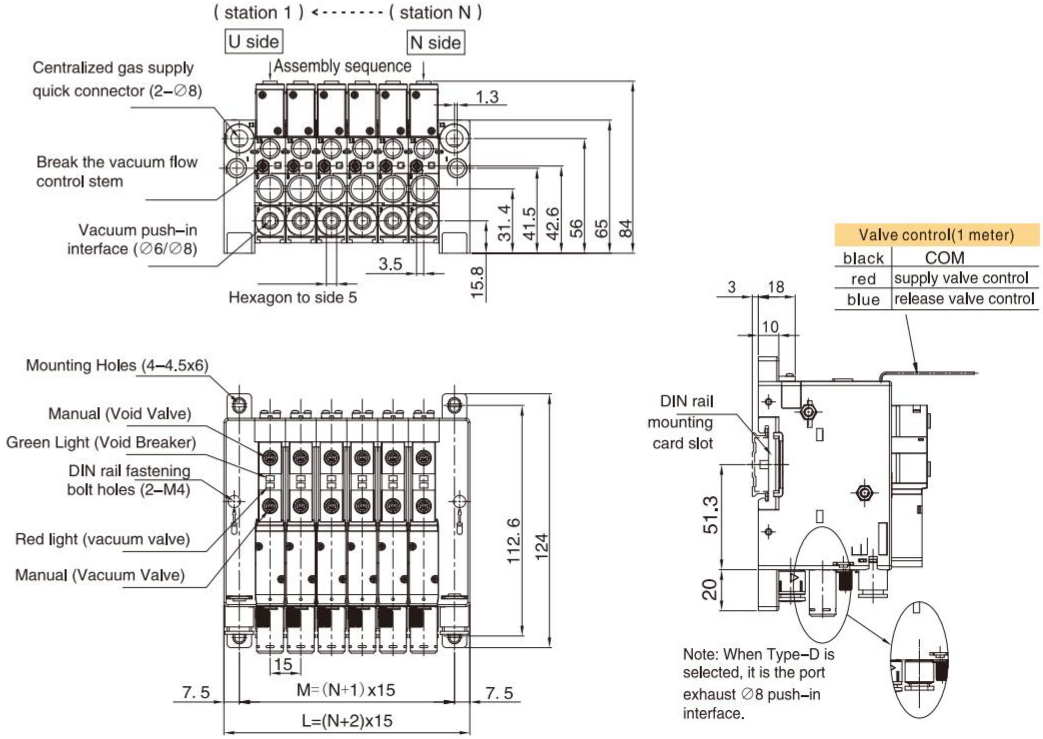
EZAZ□– Without vacuum gauge outline drawing



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