

# EZX Series Integrated Vacuum Generator



## EZX

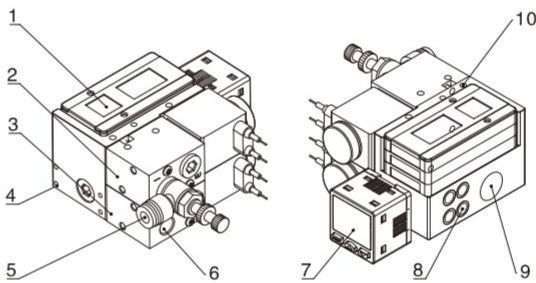
### Integrated Vacuum Generator

Vacuum Flow: 87 NL/min – 125 NL/min



#### Application/Features

- Built-in big flow and high vacuum generator, integrate vacuum generator and vacuum break, controlled by high performance direct-acting solenoid valve, short response time.
- Standard configuration with vacuum flow control valve, with independent control port from the vacuum air supply port, double regulation by independent pressure and flow.
- Vacuum pressure regulating valve optional. Under the fixed air supply pressure, the vacuum pressure value could be adjusted manually. Could meet different vacuum pressure requirements for different working conditions.
- Digital display vacuum pressure switch is optional, variety output modes optional.



1. Vacuum generator body
2. Release valve
3. Supply valve
4. Threaded hole (4-M3)
5. Vacuum break port (Ø6)
6. Inlet port (G1/8)
7. Digital display vacuum pressure switch (optional)
8. Exhaust port
9. Vacuum port (G3/8)
10. Installation hole (2-Ø3.2)

#### How to Order?

Series No.	Specification	Vacuum Pressure Adjusting Valve	Digital Display Vacuum Pressure Switch
EZX: EZX series	20: Type 20 vacuum tube 30: Type 30 vacuum tube	Blank: Blank adjusting valve A: with adjusting valve	Blank: Blank N: 2NPN+1 analog quantity(1-5V) P: 2PNP+1 analog quantity(1-5V)

**Order Example:** EZX series integrated vacuum generator, type 30 vacuum tube, with adjusting valve, 2PNP+1 analog quantity(1-5V) digital display vacuum pressure switch. The order code is: EZX30-A-N

#### Performance Parameter

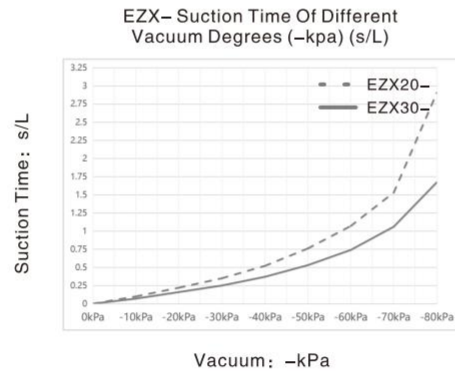
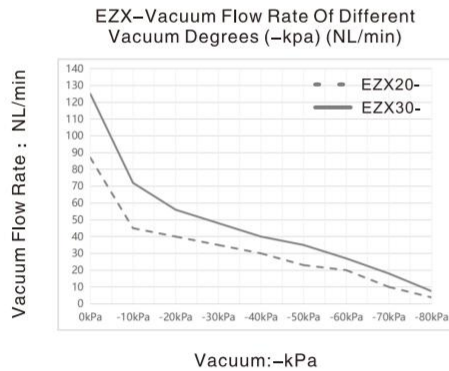
Specification and Models	Rated Air Supply Pressure (MPa)	Maxium Vacuum Degree (-kPa)	Maxium vacuum flow (NL/min)	Air consumption (NL/min)	Air Supply Port (mm)	Vacuum Port (mm)	Valve Working Voltage
EZX20-	0.45	91	87	106	G1/8	G3/8	DC24V ± 10%
EZX30-	0.60	91	125	160	G1/8	G3/8	DC24V ± 10%

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

Specification and Models	Rated Air Supply Pressure(MPa)	Air Comsumption (NL/min)	0	10	20	30	40	50	60	70	80	Maxium Vacuum Degree(-kPa)
EZX20-	0.45	106	87	45	40	35	30	23	20	10	3.8	91
EZX30-	0.60	160	125	72	56	48	40	35	27	18	7.5	91

## ☉ Suction Time Of Different Vacuum Degrees (-kpa) (S/L)

Specification and Models	Rated Air Supply Pressure(MPa)	Air consumption (NL/min)	0	10	20	30	40	50	60	70	80	Maxium Vacuum Degree-kPa
EZX20-	0.45	106	0	0.10	0.22	0.35	0.52	0.76	1.07	1.53	2.90	91
EZX30-	0.60	160	0	0.07	0.16	0.25	0.37	0.53	0.74	1.06	1.67	91



## ☉ Main Dimension (mm)

