

ERL300

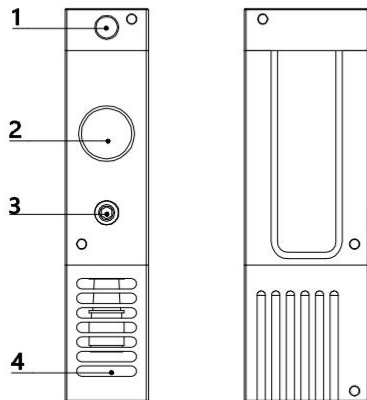
Vacuum Generator

Vacuum Flow: 300NL/min



Application/Features

- Products using multistage vacuum tube, engraved widely used in many industries.
- High vacuum flow rate and short corresponding time.
- Centralized air supply, optional air supply, destroy solenoid valve control.
- External silencer structure.



- 1、 Air supply port (G1/4)
- 2、 Vacuum port1 (G3/4) Vacuum suction cup port
- 3、 Vacuum port 2 (G1/8) Vacuum monitoring port
- 4、 Exhaust port

How to Order?

Series No.	Vacuum Tube Type	Exhaust Method	Solenoid Valve Control	With Or Blank Vacuum												
ERL300: ERL300 Series	H: -94 kPa L: -74 kPa	Blank: Built-in muffler (default) P: Port exhaust	<table border="1"> <thead> <tr> <th>Code</th> <th>Supply Valve</th> <th>Break Valve</th> </tr> </thead> <tbody> <tr> <td>Blank</td> <td>Blank</td> <td>Blank</td> </tr> <tr> <td>K1</td> <td>●</td> <td>Blank</td> </tr> <tr> <td>K2</td> <td>●</td> <td>●</td> </tr> </tbody> </table>	Code	Supply Valve	Break Valve	Blank	Blank	Blank	K1	●	Blank	K2	●	●	Blank: Blank (default) C: with Vacuum pressure gauge
Code	Supply Valve	Break Valve														
Blank	Blank	Blank														
K1	●	Blank														
K2	●	●														

Order Example: ERL300 Series vacuum generator, exhaust specification, Exhaust port, supply valve control, with vacuum pressure gauge
The order code is ERL300H-P-K1-C

Performance Parameters

Model Specifications	Air Supply Pressure(MPa)	Maximum Vacuum -kPa	Maximum Vacuum Flow NL/min	Air Consumption NL/min	Recommended Diameter Of Air Supply Port (mm)	Recommended Diameter Of Vacuum Port (mm)
ERL300H-	0.45	92	300	120	8	12
ERL300L-	0.35	74	300	108	8	12

ERL300 Series Vacuum Generator



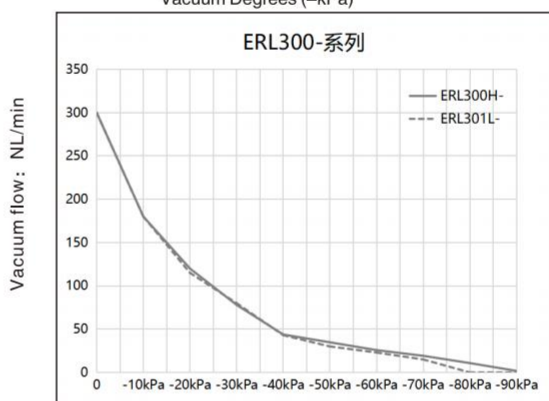
Vacuum Flow Rate (NL/min) For Different Vacuum Degrees (-kPa)

Specifications and Models	Air Supply Pressure	Air Consumption NL/min	0	10	20	30	40	50	60	70	80	90	Maximum Vacuum -kPa
ERL300H-	0.45	120	300	180	123	78	44	35	26	19	11	2	94
ERL300L-	0.35	108	300	180	115	80	43	30	23	15	--	--	74

Pumping Time (s/L) For Different Vacuum Degrees (-kPa)

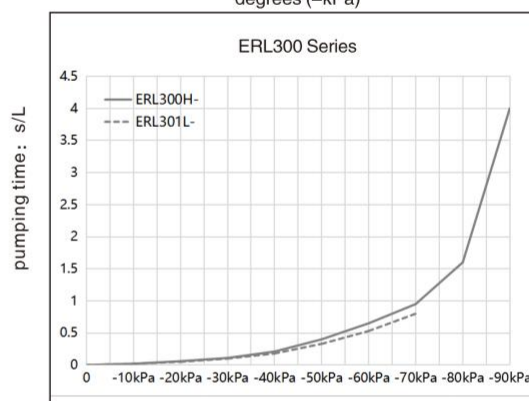
Specifications and Models	Air Supply Pressure	Air Consumption NL/min	0	10	20	30	40	50	60	70	80	90	Maximum Vacuum -kPa
ERL300H-	0.45	120	0	0.02	0.06	0.11	0.21	0.40	0.65	0.95	1.60	4.00	94
ERL300L-	0.35	108	0	0.02	0.05	0.10	0.18	0.33	0.53	0.80	--	--	74

ERL300 Vacuum Flow Rate (NL/min) For Different Vacuum Degrees (-kPa)



degree of vacuum: -kPa

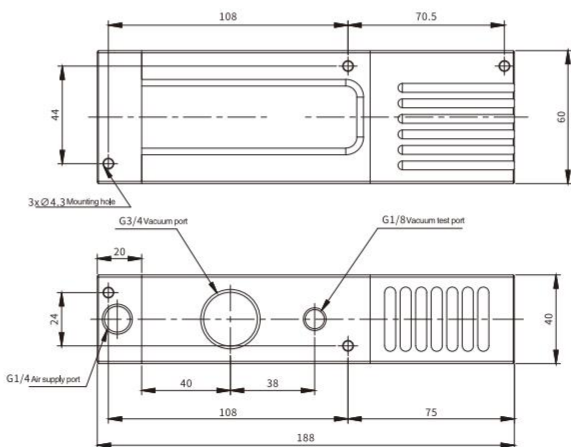
ERL300 Pumping time (s/L) for different vacuum degrees (-kPa)



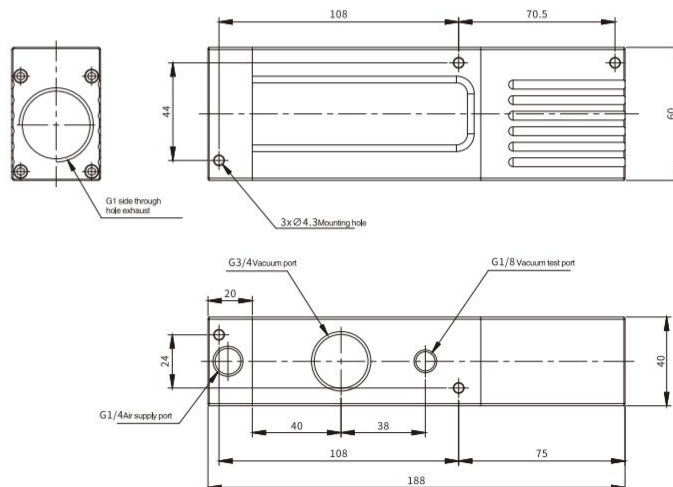
degree of vacuum: -kPa

Main Dimension

ERL300-□ (Standard)



ERL300-□-P (Ventilation)



ERL300

