

Vacuum Generator ECO

Maximum vacuum pressure: 94-Kpa

HANWHA



Utility

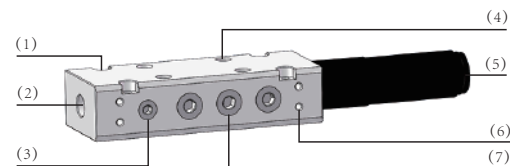
Product characteristics

- *Durable aluminum alloy body with multiple installation designs
- *Integrated modular vacuum generator, supporting customer free configuration to meet specific system control requirements.



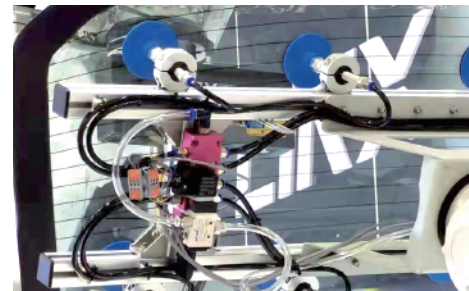
Product structure

- *Main body: Made of aluminum alloy, small in size and light in weight
- * (1) 4- Φ 4.5 Installation Interface
- * (2) Connector: Compressed air intake connector for blowing air
- * (3) 2 vacuum detection ports
- * (4) 4- Φ 4.2 Installation Interface
- * (5) The air outlet is made of aluminum oxide
- * (6) 4 mounting holes for installation and fixation
- * (7) 6-position vacuum connection port



Product advantages

- *Reduce energy consumption by more than 50%, and release quickly and accurately without compressed air consumption
- *No maintenance required and reduces maintenance and spare parts costs



*ECO case

Vacuum Generator

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ECO-350M Ordering NO

ECO	—	350M	—	H	—	S
1		2		3		4

1-Series	2- Model	3- Specifications
ECO	Vacuum Generator	350M
		H High vacuum
		L Low vacuum
		M Low intake
4-Silencer		
	No silencer	
S	With silencer	

ECO-350M Technical Data

Models	Use fluid	Temperature [°C]	Inlet pressure [Mpa]	Air consumption [L/Min]	Vacuum pressure reached [-KPa]	Maximum vacuum flow [L/Min]	Weight [Kg]
ECO-350M-H	air	0~60	0.5	120	94	372	0.35
ECO-350M-L	air	0~60	0.5	90	70	342	0.35
ECO-350M-M	air	0~60	0.31	120	90	336	0.35

Vacuum flow rate (L/min) for different vacuum degrees (- kpa)

Models	0	10	20	30	40	50	60	70	80	90
ECO-350M-H	372	222	132	108	78	48.6	24	18	8.4	1.2
ECO-350M-L	342	198	132	84	51	37.2	21	10.8	0	0
ECO-350M-M	336	150	108	66	39	30	21	15	6	0

Extraction time (S/L) for different vacuum degrees (- kpa)

Models	10	20	30	40	50	60	70	80	90
ECO-350M-H	0.02	0.05	0.1	0.2	0.3	0.4	0.7	1.2	2.4
ECO-350M-L	0.02	0.06	0.11	0.21	0.35	0.6	1	0	0
ECO-350M-M	0.02	0.06	0.12	0.25	0.45	0.7	1	1.6	4

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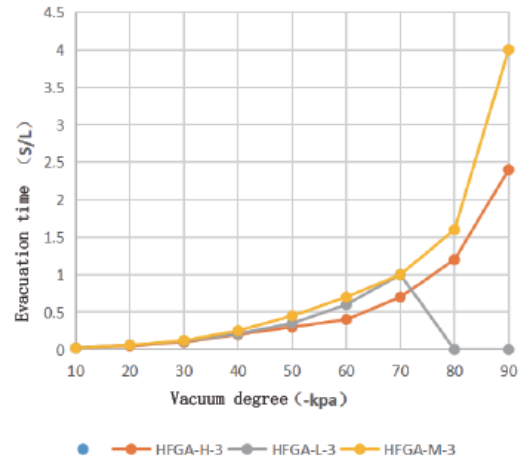
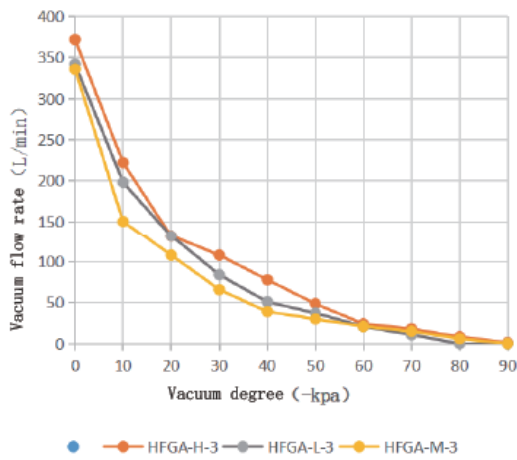
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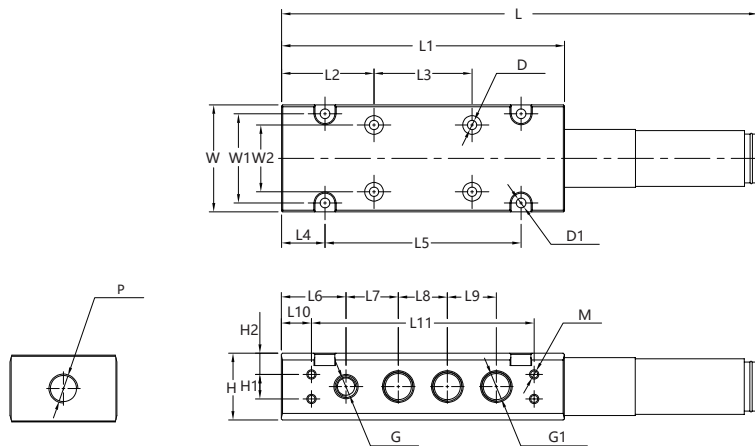
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Performance parameter



ECO-350M Design Data



ECO-350M

model

Size[mm]	L	L1	L2	L3	L4	L5	L6	L7	L8	L9
ECO-350M-HS	213.8	127	41.5	44	19.5	88	29	23.5	22	22
ECO-350M-LS	213.8	127	41.5	44	19.5	88	29	23.5	22	22
ECO-350M-MS	213.8	127	41.5	44	19.5	88	29	23.5	22	22

L10	L11	H	H1	H2	W	W1	W2	G	G1	D	D1	P	M
13.5	100	30	11	9.5	48	40	30	G1/8"	G1/4"	4-Φ4.2	4-Φ4.5	G1/4"	4-M4
13.5	100	30	11	9.5	48	40	30	G1/8"	G1/4"	4-Φ4.2	4-Φ4.5	G1/4"	4-M4
13.5	100	30	11	9.5	48	40	30	G1/8"	G1/4"	4-Φ4.2	4-Φ4.5	G1/4"	4-M4