

# Vacuum Generator ECO

Maximum vacuum flow: 94-Kpa

**HANWHA**



Utility

## Product characteristics

\*Can integrate various types of suction cups and modular design together. This vacuum gripping system greatly simplifies the selection and installation of vacuum systems. Take you on a tour of the wonders of a more energy-efficient, efficient, and reliable distributed vacuum system.

\*Modular, fast and convenient installation design, vacuum system with advantages such as economic efficiency and reliable operation, can greatly simplify the selection and work of vacuum systems, and provide more convenience for customers.



## Product structure

\*Main body: Made of aluminum alloy, small in size and light in weight

\*(1) Connector: used for compressed air intake connector

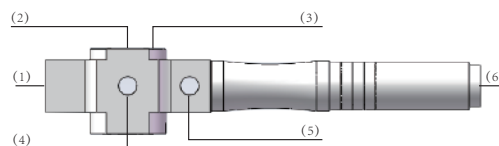
\*(2) Connection port: 2-position vacuum detection port

\*(3) Installation screw: M6x4

\*(4) Connection port: 2-position intake (both sides)

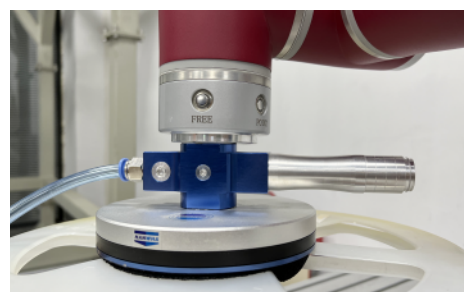
\*(5) Connection port: 2-position vacuum detection port

\*(6) Silencer: made of anodized aluminum oxide



## Product advantages

\*Energy saving, high efficiency, and low noise. High vacuum, high flow rate, easy to maintain.



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### ECO-H5010 Ordering NO

ECO	-	H5010	-	H		S
1		2		3		4

1-Series	ECO	2-Model	H5010	3- Specifications	H	High vacuum (red diaphragm)
					M	Low intake
					L	Low vacuum (green diaphragm)
4-Silencer	S	No silencer				
		With silencer				

### ECO-H5010 Technical Data

Models	Use fluid	Temperature [°C]	Intake pressure [Mpa]	Air consumption [L/Min]	Vacuum pressure reached [-KPa]	Maximum vacuum flow [L/Min]
ECO-H5010-L	air	0~60	0.5	90	70	342
ECO-H5010-H	air	0~60	0.5	120	94	372
ECO-H5010-M	air	0~60	0.31	123	90	336

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

Models	0	10	20	30	40	50	60	70	80	90
ECO-H5010-H	372	222	132	108	78	48.6	24	18	8.4	1.2
ECO-H5010-L	342	198	132	84	51	37.2	21	10.8	0	0
ECO-H5010-M	336	150	108	66	39	30	21	15	6	0

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

Models	10	20	30	40	50	60	70	80	90
ECO-H5010-H	0.02	0.05	0.1	0.2	0.3	0.4	0.7	1.2	2.4
ECO-H5010-L	0.02	0.06	0.11	0.21	0.35	0.6	1	0	0
ECO-H5010-M	0.02	0.06	0.12	0.25	0.45	0.7	1	1.6	4

# Vacuum Generator

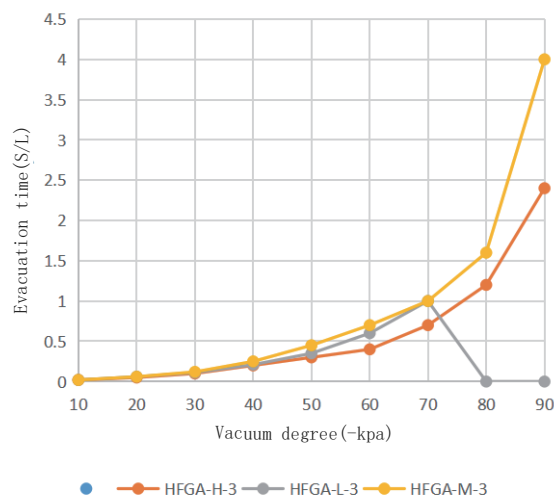
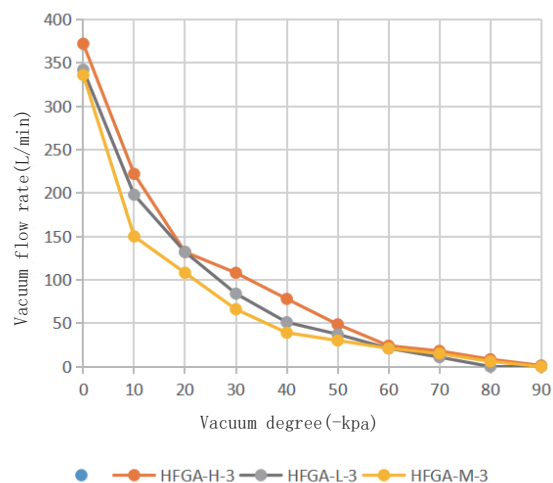
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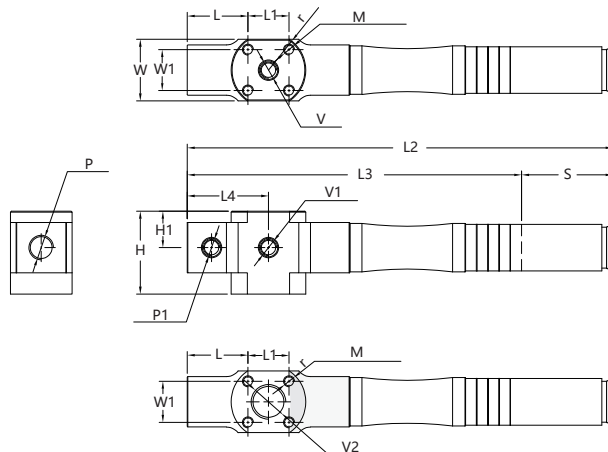

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### Performance parameter



### ECO-H5010 Design Data



ECO-H5010

model

Size[mm]	L	L1	L2	L3	L4	W	W1	H	H1
ECO-H5010-HS	32.5	22	228.1	179.1	43.5	33	22	44.4	19.5
ECO-H5010-LS	32.5	22	228.1	179.1	43.5	33	22	44.4	19.5
ECO-H5010-MS	32.5	22	228.1	179.1	43.5	33	22	44.4	19.5

V	V1	V2	P	P1	r	S	M
G1/4"	G1/4"	G1/2"	G1/4"	G1/4"	R20	Silencer pipe	4-M6 DEEP 10
G1/4"	G1/4"	G1/2"	G1/4"	G1/4"	R20	Silencer pipe	4-M6 DEEP 10
G1/4"	G1/4"	G1/2"	G1/4"	G1/4"	R20	Silencer pipe	4-M6 DEEP 10