

# Vacuum Generator ECO

**HANWHA**



Utility

Maximum vacuum flow rate:40~45L/Min

## Product characteristics

\*ECO pumps have excellent vacuum characteristics even at low power fluctuation pressures. Optimize the overall size of pipeline design. The aluminum body provides high-strength threads in the vacuum port, allowing for direct repair of the connection cup, avoiding the need for additional pipes or fittings.

\*Linear installation method

\*Slender shell, compact and compact in size

\*Optimal lateral direct exhaust design



## Product structure

\* (1) P: Compressed air inlet

\* (2) V: Vacuum port

\* (3) Exhaust port

\* Provide multiple sizes of upper (1) lower (2) connection internal threads



## Product advantages

\*Inline design, optimizing overall dimensions

\*Suitable for installation in small spaces

\*Easy to connect, no need to add installation accessories

\*Maximum reduction of product noise



\*ECO-H3020 case

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### ECO-H3020 Ordering NO

ECO	-	H3020	-	M
1		2		3

1-Series	2-Model	4- Specifications
ECO	Vacuum Generator	H3020
	small-scale	M
		H
		Low intake
		High vacuum

### ECO-H3020 Technical Data

Models	Use fluid	Temperature [°C]	Intake pressure [Mpa]	Air consumption [L/Min]	Vacuum pressure reached [-Kpa]	Maximum vacuum flow [L/Min]	Weight [Kg]
ECO-H3020-M	air	0-60	0.32	26.4	90	40	0.1
ECO-H3020-H	air	0-60	0.5	27.6	94	45	0.1

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

Models	0	10	20	30	40	50	60	70	80	90
ECO-H3020-M	40.8	36	26.4	16.2	11.4	8.4	6	3.6	1.8	0
ECO-H3020-H	45	37.8	29.4	19.8	11.4	9	6.6	4.2	2.7	0.011

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

Models	10	20	30	40	50	60	70	80	90
ECO-H3020-M	0.17	0.32	0.58	1.1	1.8	2.7	4	6.4	0
ECO-H3020-H	0.14	0.3	0.6	1	1.6	2.3	3.5	5.3	8.9

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## ECO

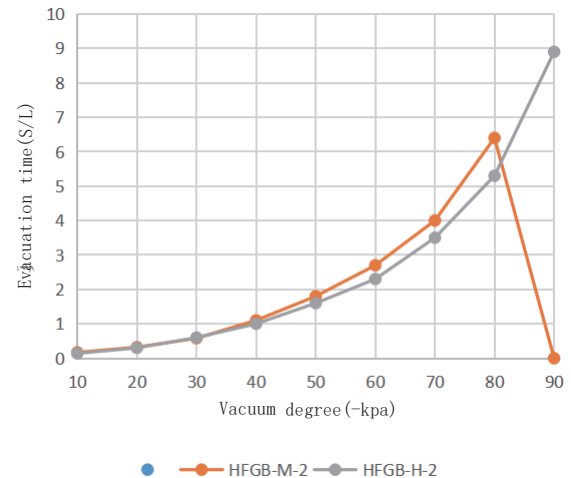
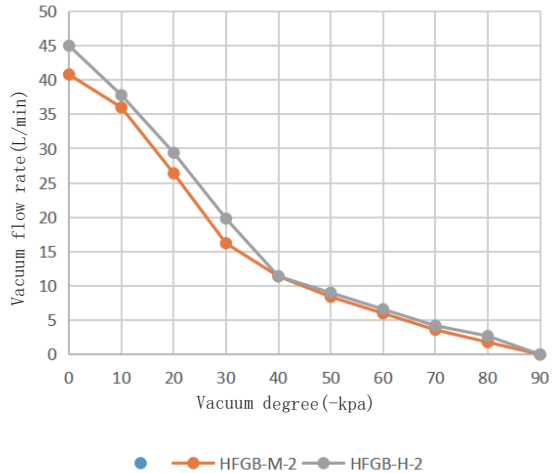
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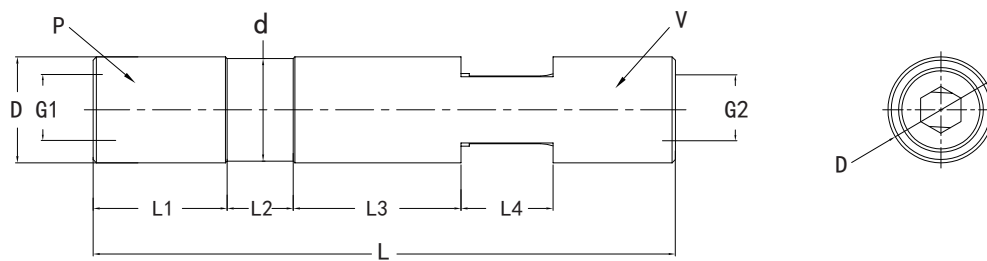
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### Performance parameter



### ECO-H3020 Design Data



ECO-H3020

model

Size[mm]	D	G1	G2	d	L1	L2	L3	L4	L
ECO-H3020-M	16	G1/4" - F	G1/4" - M	15.5	20.3	10.0	25.4	13.9	88
ECO-H3020-H	16	G1/4" - F	G1/4" - M	15.5	20.3	10.0	25.4	13.9	88