

Vacuum Pump



浙江鸿川医疗科技有限公司

Zhejiang Hongchuan Medical Technology Co.,Ltd

Application



Vacuum Packaging Machine



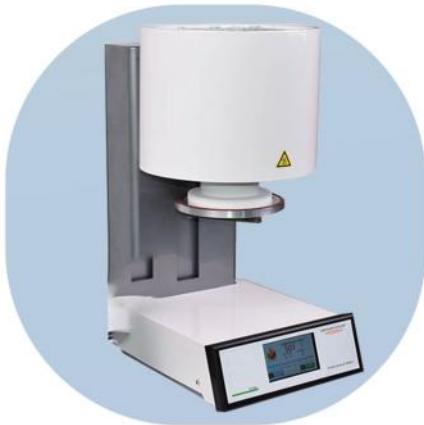
Sputum Aspirator



Vacuum CNC workholding



Beauty Machine



Dental Porcelain Furnace



Mechanical Arm



Laboratory



Defoaming Machine

Company Introduction

Zhejiang Hongchuan Medical Technology Co.,Ltd was first established in 2010,which is a large-scale enterprise group,specializing in R&D and manufacturing various kinds of air compressors and vacuum pumps .

We have 15+ engineers with more than 10 years experience ,from the structural design, appearance design and mold development all can be done by our own R&D team.

Our products mainly serve industries such as medical equipment,dental equipment,robotic arms,automation equipment,beauty equipment,packaging equipment,new energy vehicles and pond aeration systems etc .

Dedicated to strict quality control and thoughtful customer service,our experienced engineers are always available to discuss your requirements and ensure full customer satisfaction.

Our main markets include the USA,Mexico,Germany, Japan ,UK,Italy,Spain,Australia,Russia,Indonesia and South Korea etc. We welcome the OEM and ODM orders.

Whether selecting a current product from our catalog or seeking engineering assistance for your application,you can talk to our customer service center about your sourcing requirements.

Adhering to the business principle of mutual benefits,we have had a reliable reputation among our customers because of our professional services,quality products and competitive prices , looking forward to your collaboration .

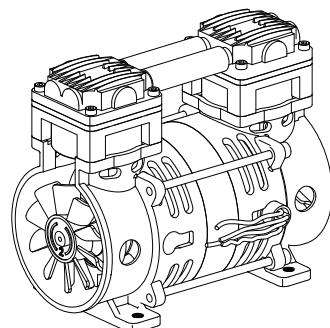
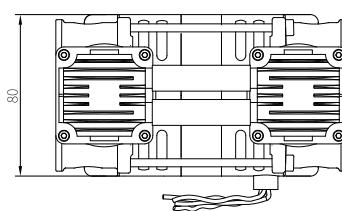
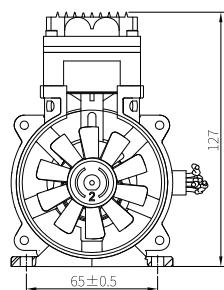
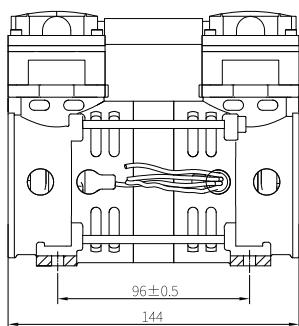


AC Oil Free Vacuum Pump

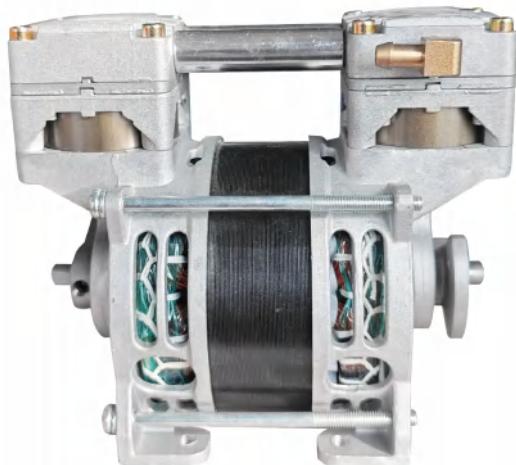


Technical Specification

Model Number	HC80A	HC80B
Voltage	220V/50Hz/1	110V/60Hz/1
Noise	≤45dB(A)	≤48dB(A)
Power at rated pressure	≤90 W	≤90 W
Vacuum flow rate @ pressure (There's are two options, but you can only choose one)	24L/min @-86Kpa	28L/min @-86Kpa
	12L/min @-95Kpa	14L/min @-95Kpa
Speed at rated pressure	1400rpm	1700rpm
Dimension	144x80x127mm	144x80x127mm
Installation Size	96x65mm	96x65mm
Net Weight	2.05kg	2.05kg
Operating ambient temperature	-5 to 40°C	-5 to 40°C
Thermal protection	145±5°C	145±5°C
Motor insulation class	F	F

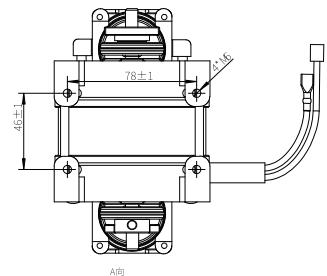
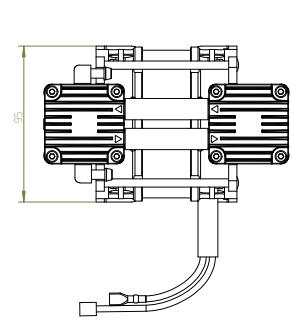
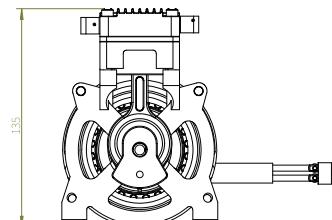
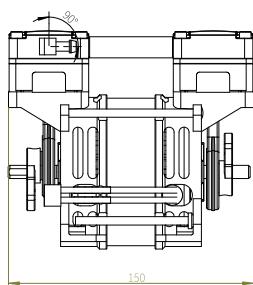


AC Oil Free Vacuum Pump



Technical Specification

Model Number	HC90A	HC90B
Voltage	220V/50Hz/1	110V/60Hz/1
Noise	≤45dB(A)	≤48dB(A)
Power at rated pressure	≤90W	≤90W
Vacuum flow rate @ pressure (There's are two options, but you can only choose one)	25L/min @-86Kpa	30L/min @-86Kpa
	12L/min @-95Kpa	15L/min @-95Kpa
Speed at rated pressure	1400rpm	1700rpm
Dimension	150x95x135mm	150x95x135mm
Installation Size	78x46mm	78x46mm
Net Weight	2.2kg	2.2kg
Operating ambient temperature	-5 to 40°C	-5 to 40°C
Thermal protection	145±5°C	145±5°C
Motor insulation class	F	F
Capacitor value	3.5μF	8μF



AC Oil Free Vacuum Pump



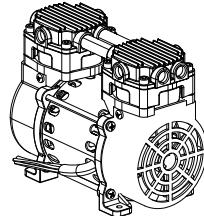
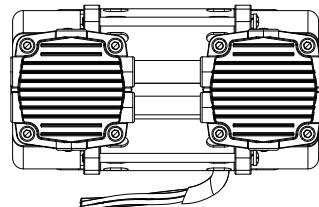
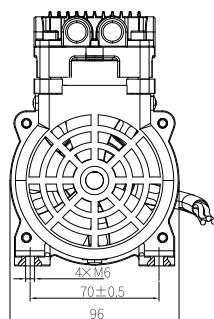
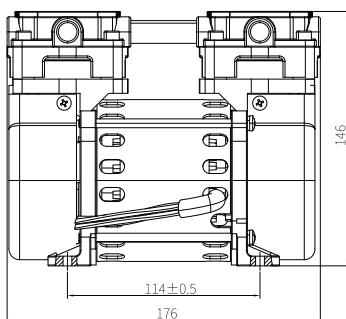
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B

Technical Specification

Model Number	HC100A	HC100B
Voltage	220V/50Hz/	110V/60Hz/1
Noise	≤50dB(A)	≤51dB(A)
Power at rated pressure	≤110W	≤150W
Vacuum flow rate @ pressure (There's are two options, but you can only choose one)	45L/min@-90Kpa	50L/min@-90Kpa
	22.5L/min@-98Kpa	25L/min@-98Kpa
Speed at rated pressure	1400rpm	1700rpm
Dimension	176×96×146 mm	176×96×146 mm
Installation Size	114×70mm	114×70mm
Net Weight	3.4kg	3.4kg
Operating ambient temperature	-5 to 40°C	-5 to 40°C
Thermal protection	145±5°C	145±5°C
Motor insulation class	F	F
Capacitor value	10μF	15μF

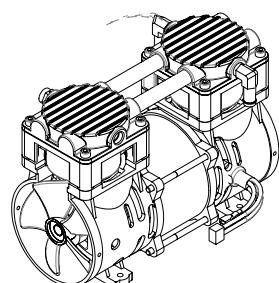
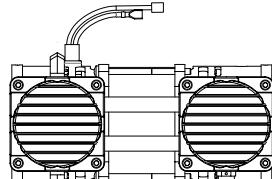
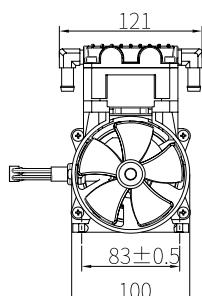
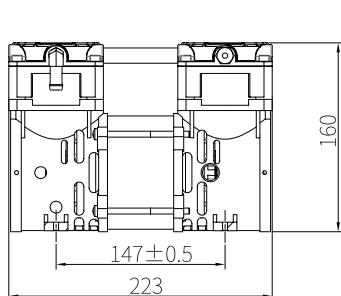


AC Oil Free Vacuum Pump

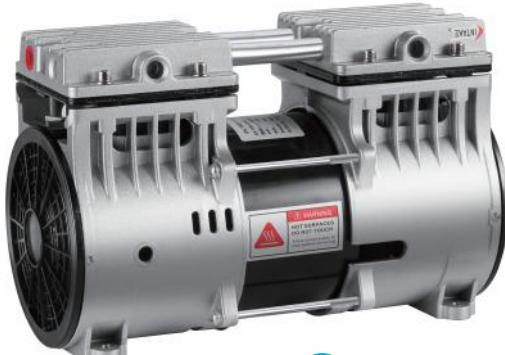


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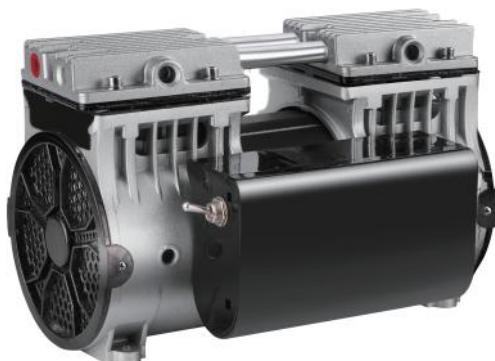
Model Number	HC280A	HC280B
Voltage	220V/50Hz/1	110V/60Hz/1
Noise	≤51dB(A)	≤54dB(A)
Power at rated pressure	≤180W	≤220W
Vacuum flow rate @ pressure (There's are two options, but you can only choose one)	90L/min@-92Kpa	90L/min@-92Kpa
	45L/min@-98Kpa	45L/min@-98Kpa
Speed at rated pressure	1400rpm	1700rpm
Dimension	223×100×160 mm	223×100×160 mm
Installation Size	147×83mm	147×83mm
Net Weight	6.0kg	6.0kg
Operating ambient temperature	-5 to 40°C	-5 to 40°C
Thermal protection	145±5°C	145±5°C
Motor insulation class	F	F
Capacitor value	10μF	25μF



AC Oil Free Vacuum Pump



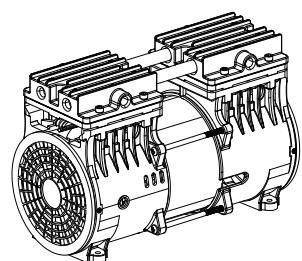
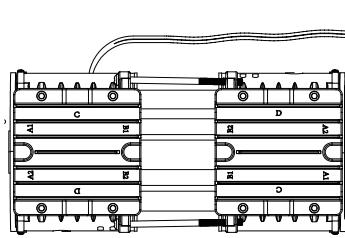
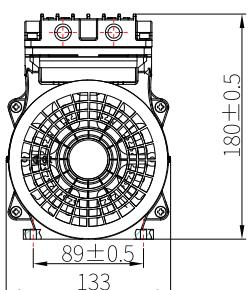
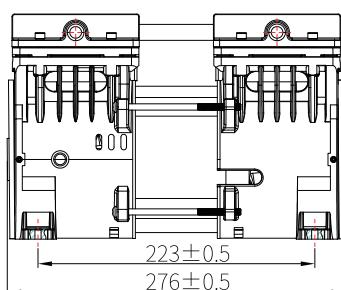
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Technical Specification

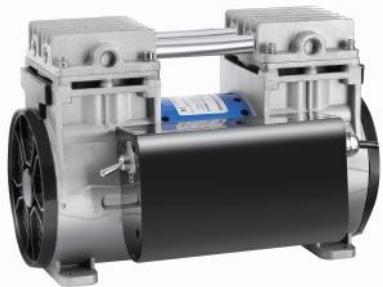
Model Number	HC480A	HC480B
Voltage	220V/50Hz/1	110V/60Hz/1
Noise	≤53dB(A)	≤55dB(A)
Power at rated pressure	≤200W	≤260W
Vacuum flow rate @ pressure (There's are two options, but you can only choose one)	95L/min@-92Kpa	100L/min@-92Kpa
	47.5L/min@-98Kpa	50L/min@-98Kpa
Speed at rated pressure	1400rpm	1700rpm
Dimension	276×133×180mm	276×133×180mm
Installation Size	223×89mm	223×89mm
Net Weight	9.8kg	9.8kg
Operating ambient temperature	-5 to 40°C	-5 to 40°C
Thermal protection	145±5°C	145±5°C
Motor insulation class	F	F
Capacitor value	20μF	60μF



AC Oil Free Vacuum Pump



A



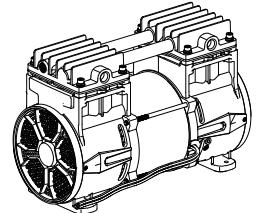
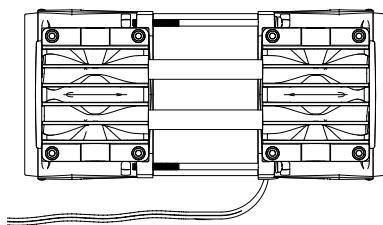
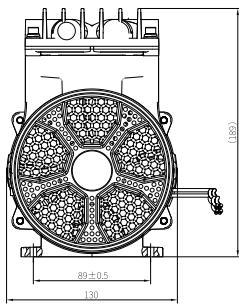
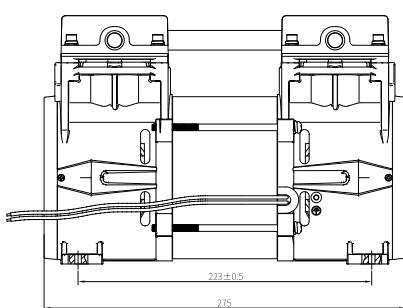
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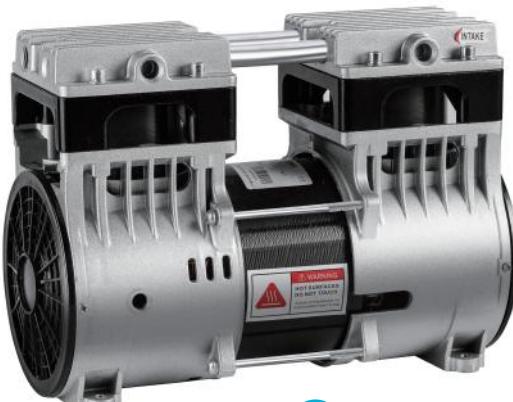
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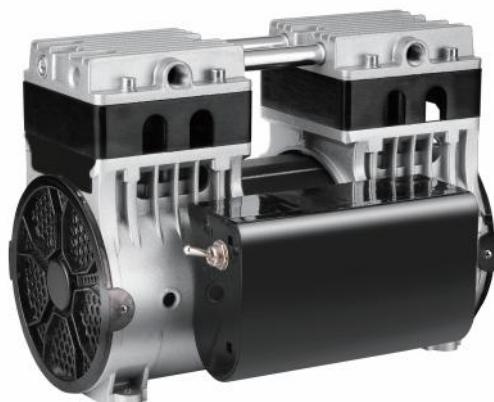
Model Number	HC550A	HC550B
Voltage	220V/50Hz/1	110V/60Hz/1
Noise	≤53dB(A)	≤55dB(A)
Power at rated pressure	≤200W	≤260W
Vacuum flow rate @ pressure (There's are two options, but you can only choose one)	95Lmin@-92Kpa	100Lmin@-92Kpa
	47.5L/min@-98Kpa	50L/min@-98Kpa
Speed at rated pressure	1400rpm	1700rpm
Dimension	275×130×189mm	275×130×189mm
Installation Size	223×89mm	223×89mm
Net Weight	8.5kg	8.5kg
Operating ambient temperature	-5 to 40°C	-5 to 40°C
Thermal protection	145±5°C	145±5°C
Motor insulation class	F	F
Capacitor value	12.5μF	45μF



AC Oil Free Vacuum Pump



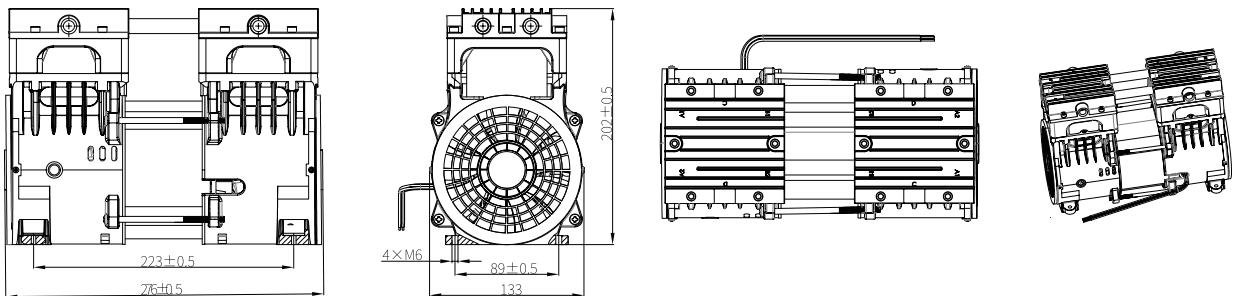
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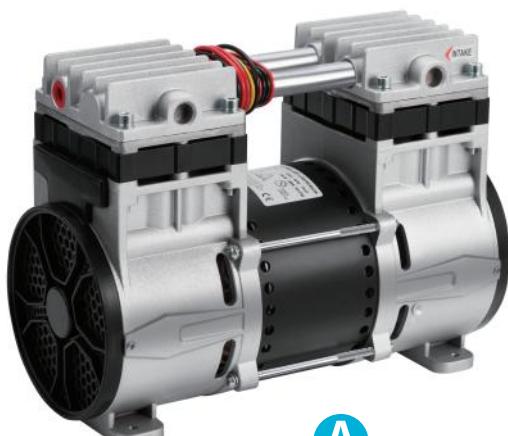
B

Technical Specification

Model Number	HC580A	HC580B
Voltage	220V/50Hz/1	110V/60Hz/1
Noise	≤60dB(A)	≤61dB(A)
Power at rated pressure	≤340W	≤340W
Vacuum flow rate @ pressure (There's are two options, but you can only choose one)	120 L/min@-92Kpa	120 L/min@-92Kpa
	60 L/min@-98Kpa	60 L/min@-98Kpa
Speed at rated pressure	1400rpm	1700rpm
Dimension	276×133×202mm	276×133×202mm
Installation Size	223×89mm	223×89mm
Net Weight	10.1kg	10.1kg
Operating ambient temperature	-5 to 40°C	-5 to 40°C
Thermal protection	145±5°C	145±5°C
Motor insulation class	F	F
Capacitor value	20μF	60μF



AC Oil Free Vacuum Pump



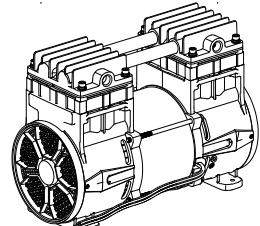
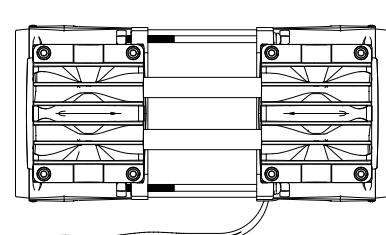
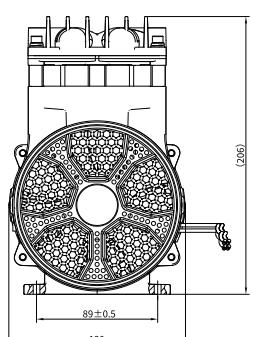
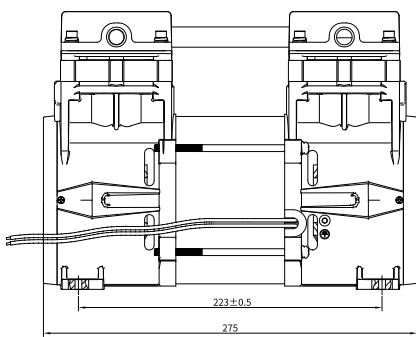
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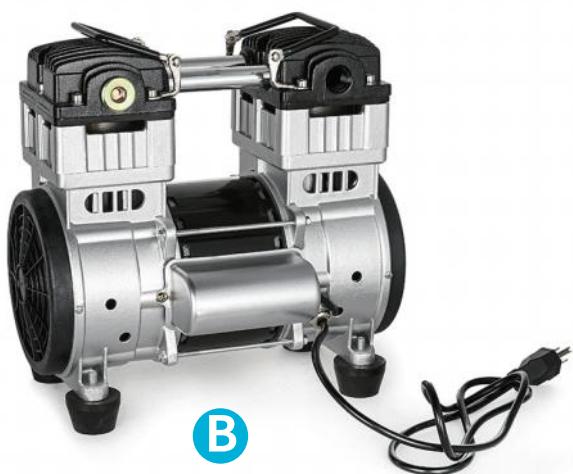
Model Number	HC680A	HC680B
Voltage	220V/50Hz/1	110V/60Hz/1
Noise	≤60dB(A)	≤61dB(A)
Power at rated pressure	≤340W	≤340W
Vacuum flow rate @ pressure (There's are two options, but you can only choose one)	165 L/min@-92Kpa	170 L/min@-92Kpa
	82.5 L/min@-98Kpa	85 L/min@-98Kpa
Speed at rated pressure	1400rpm	1700rpm
Dimension	275×130×206 mm	275×130×206 mm
Installation Size	223×89mm	223×89mm
Net Weight	9.9 kg	9.9 kg
Operating ambient temperature	-5 to 40°C	-5 to 40°C
Thermal protection	145±5°C	145±5°C
Motor insulation class	F	F
Capacitor value	15μF	60μF



AC Oil Free Vacuum Pump

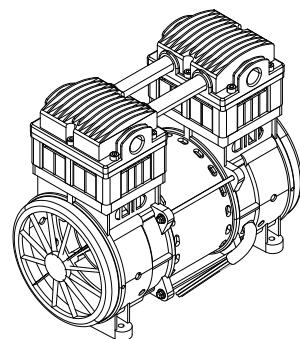
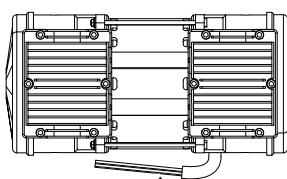
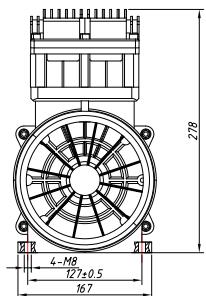
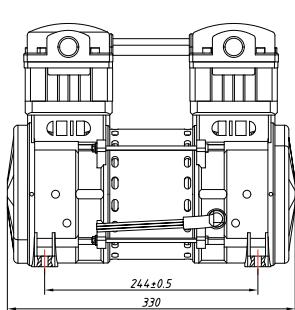


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B

Technical Specification		
Model Number	HC1100A	HC1100B
Voltage	220V/50Hz/1	110V/60Hz/1
Noise	≤68dB(A)	≤70dB(A)
Power at rated pressure	≤600W	≤600W
Vacuum flow rate @ pressure (There's are two options, but you can only choose one)	185L/min @ -92Kpa	200L/min @ -92Kpa
	90 L/min@-98Kpa	100 L/min@-98Kpa
Speed at rated pressure	1400rpm	1700rpm
Dimension	330×167×278mm	330×167×278mm
Installation Size	244×127mm	244×127mm
Net Weight	17.2kg	17.2kg
Operating ambient temperature	-5 to 40°C	-5 to 40°C
Thermal protection	145±5°C	145±5°C
Motor insulation class	F	F
Capacitor value	30μF	120μF



AC Oil Free Vacuum Pump



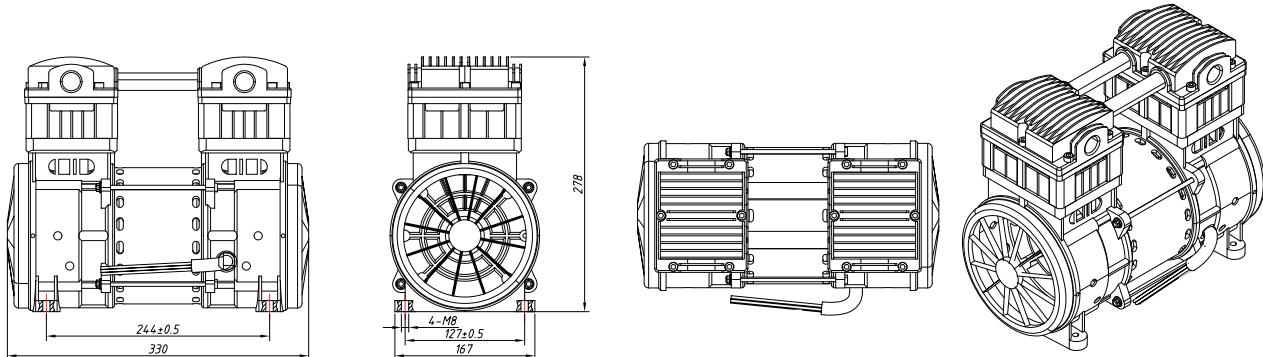
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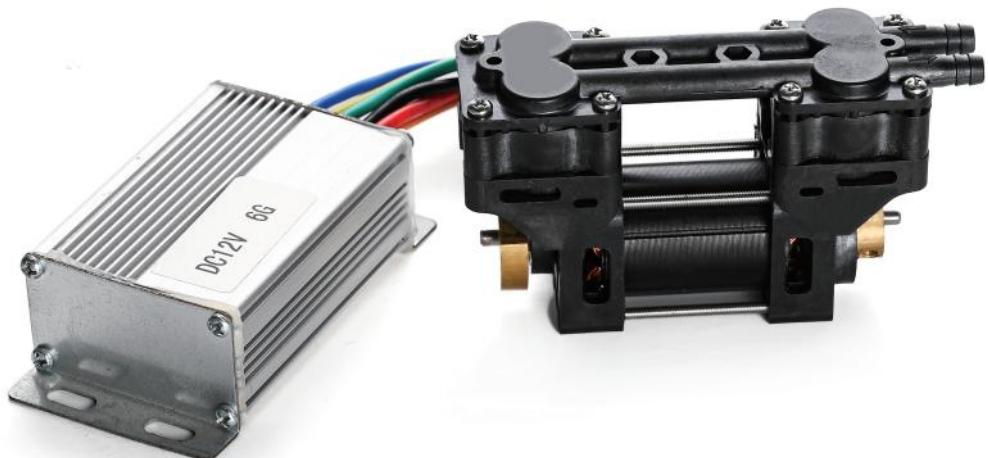
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Technical Specification

Model Number	HC1500A	HC1500B
Voltage	220V/50Hz/1	110V/60Hz/1
Noise	≤69dB(A)	≤71dB(A)
Power at rated pressure	≤700W	≤750W
Vacuum flow rate @ pressure (There's are two options, but you can only choose one)	210 L/min@-92Kpa	250 L/min@-92Kpa
	110 L/min@-98Kpa	130 L/min@-98Kpa
Speed at rated pressure	1400rpm	1700rpm
Dimension	330×167×278mm	330×167×278mm
Installation Size	244×127mm	244×127mm
Net Weight	17.5kg	17.5kg
Operating ambient temperature	-5 to 40°C	-5 to 40°C
Thermal protection	145±5°C	145±5°C
Motor insulation class	F	F
Capacitor value	35μF	120μF

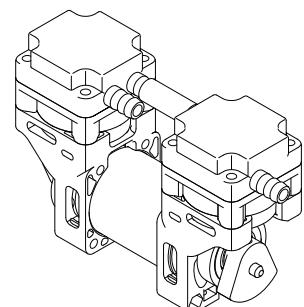
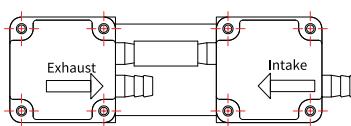
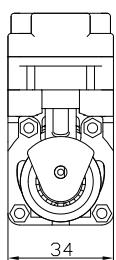
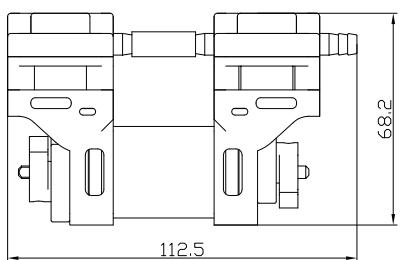


DC Oil Free Vacuum Pump

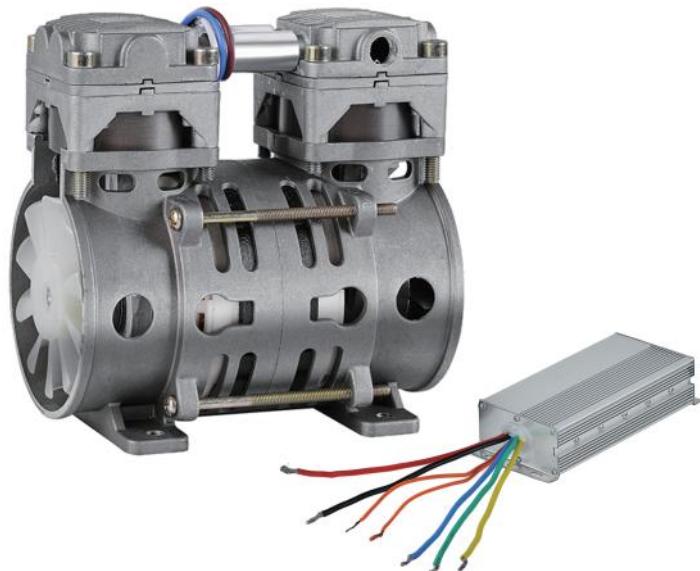


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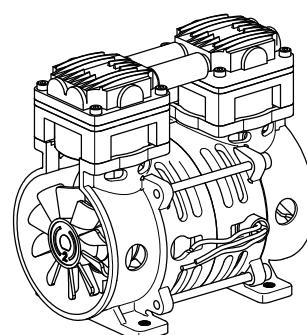
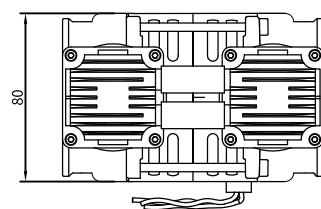
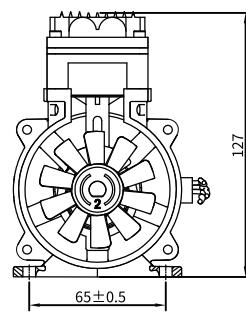
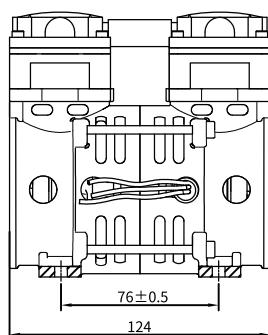
Model Number	HC30
Voltage	DC16.8V
Noise	≤50dB(A)
Power at rated pressure	≤18W
Vacuum flow rate @ pressure	10L/min @-92Kpa
Speed at rated pressure	1950rpm
Dimension	112.5×34×68.2 mm
Installation Size	52.4×13.5mm (Φ3.3X4)
Net Weight	0.4 kg



DC Oil Free Vacuum Pump



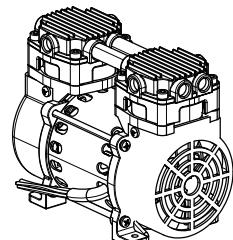
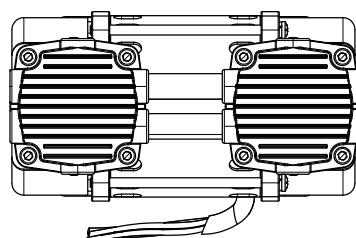
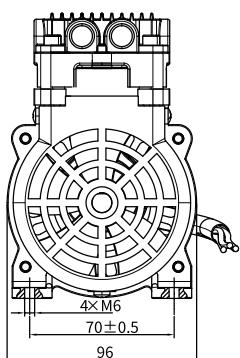
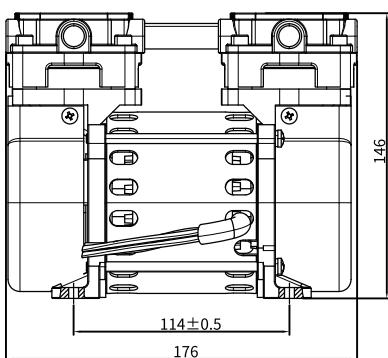
Technical Specification			
Model Number	HC80C	HC80D	HC80E
Voltage	DC12V	DC24V	D48V
Power at rated pressure	≤70W	≤70W	≤70W
Noise	≤48dB(A)	≤48dB(A)	≤48dB(A)
Vacuum flow rate @ pressure (There's are two options, but you can only choose one)	28L/min@-86Kpa	28L/min@-86Kpa	28L/min@-86Kpa
	14L/min@-95Kpa	14L/min@-95Kpa	14L/min@-95Kpa
Speed at rated pressure	1700rpm	1700rpm	1700rpm
Dimension	127x80x124 mm	127x80x124 mm	127x80x124 mm
Installation Size	75x65mm	75x65mm	75x65mm
Net Weight	1.5kg	1.5kg	1.5kg



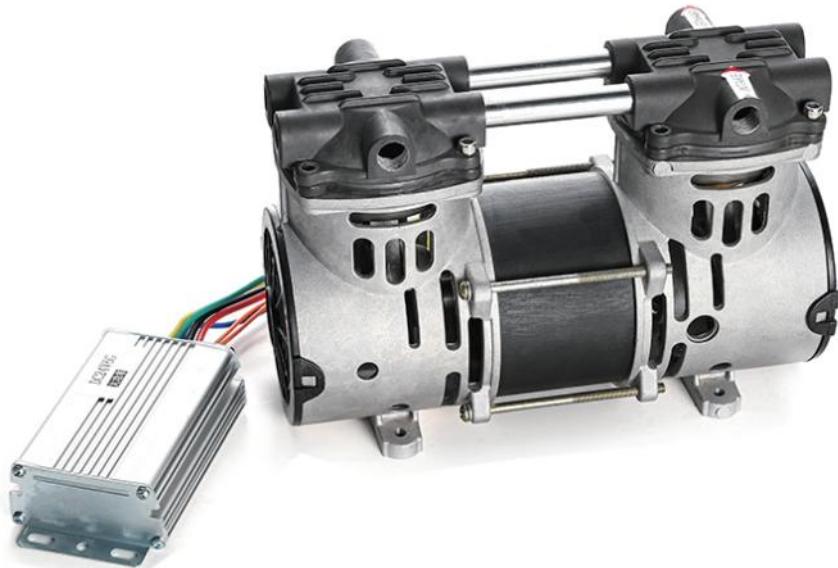
DC Oil Free Vacuum Pump



Technical Specification			
Model Number	HC100C	HC100D	HC100E
Voltage	DC12V	DC24V	D48V
Power at rated pressure	≤150W	≤150W	≤150W
Noise	≤56dB(A)	≤56dB(A)	≤56dB(A)
Vacuum flow rate @ pressure (There's are two options, but you can only choose one)	50 L/min @ -90 Kpa 25 L/min @ -98 Kpa	50 L/min @ -90 Kpa 25 L/min @ -98 Kpa	50 L/min @ -90 Kpa 25 L/min @ -98 Kpa
Speed at rated pressure	1700rpm	1700rpm	1700rpm
Dimension	176×96×146 mm	176×96×146 mm	176×96×146 mm
Installation Size	70×114 mm	70×114 mm	70*114 mm
Net Weight	2.45 kg	2.45 kg	2.45 kg

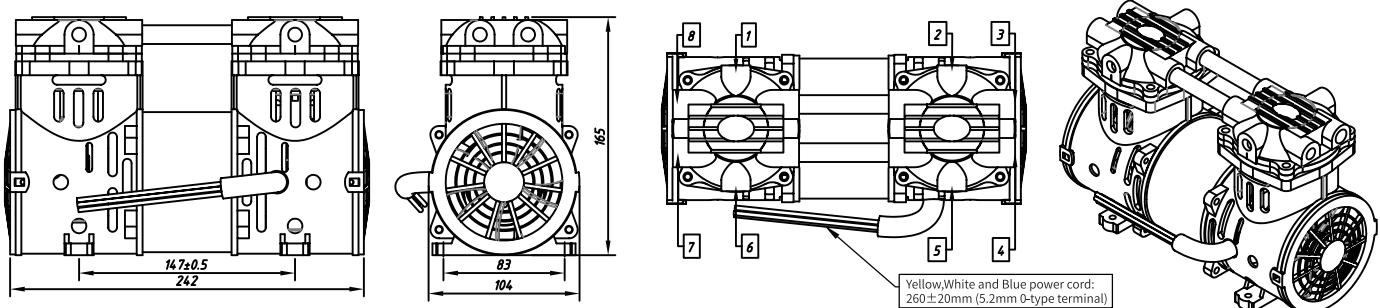


DC Oil Free Vacuum Pump

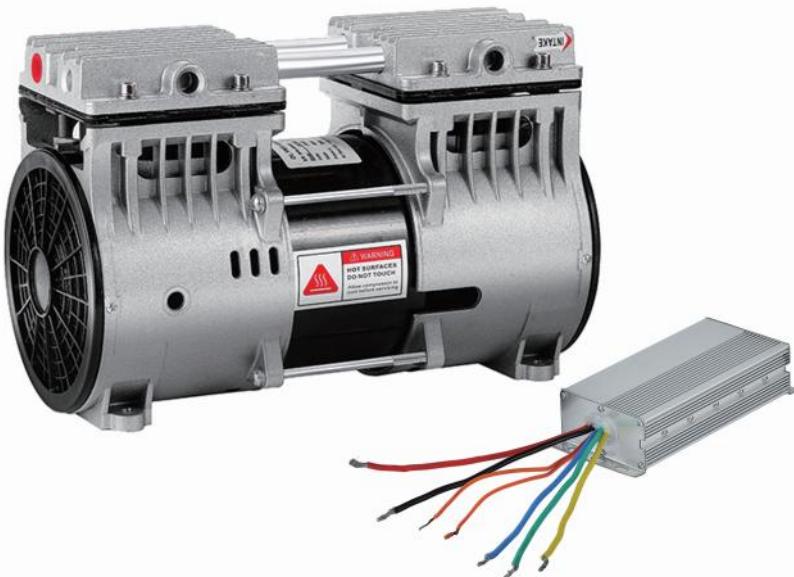


Technical Specification

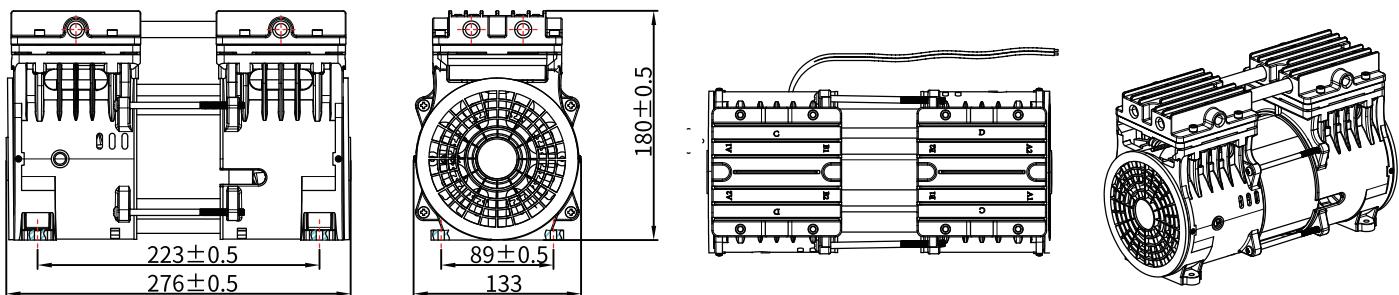
Model Number	HC280C	HC280D	HC280E
Voltage	DC12V	DC24V	DC48V
Noise	≤58dB(A)	≤58dB(A)	≤58dB(A)
Power at rated pressure	≤180W	≤180W	≤180W
Vacuum flow rate @ pressure (There's are two options, but you can only choose one)	90 L/min @ -92Kpa	90 L/min @ -92Kpa	90 L/min @ -92Kpa
	40 L/min @ -98Kpa	40 L/min @ -98Kpa	40 L/min @ -98Kpa
Speed at rated pressure	≤1700rpm	≤1700rpm	≤1700rpm
Dimension	242×104×165mm	242×104×165mm	242×104×165mm
Installation Size	147×83mm	147×83mm	147×83mm
Net Weight	4.9kg	4.9kg	4.9kg



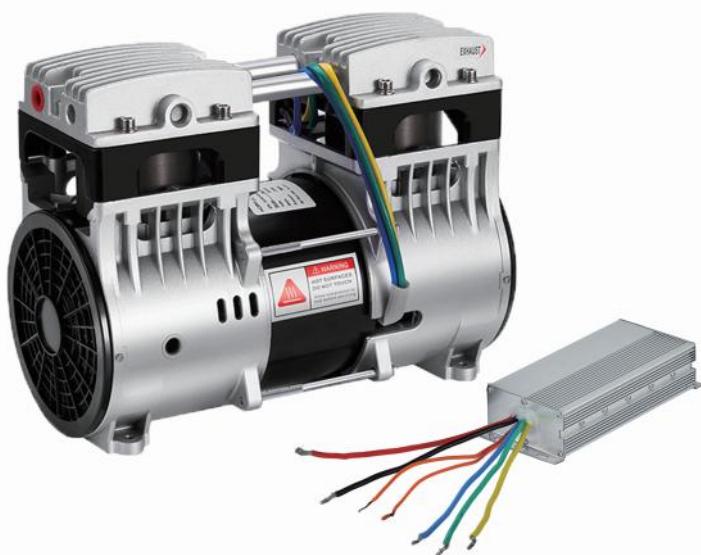
DC Oil Free Vacuum Pump



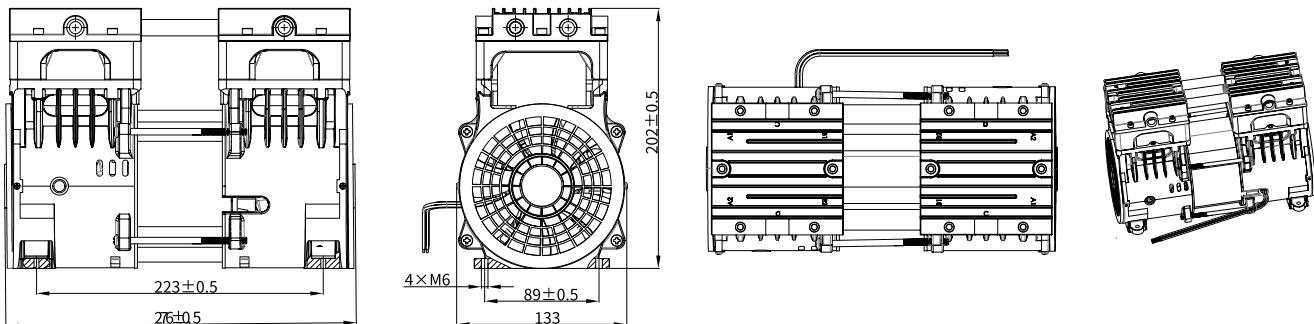
Technical Specification			
Model Number	HC480C	HC480D	HC480E
Voltage	DC12V	DC24V	DC48V
Noise	≤58dB(A)	≤58dB(A)	≤58dB(A)
Power at rated pressure	≤200W	≤200W	≤200W
Vacuum flow rate @ pressure (There's are two options, but you can only choose one)	100 L/min @ -92 Kpa 50L/min@-98Kpa	100 L/min @ -92 Kpa 50L/min@-98Kpa	100 L/min @ -92 Kpa 50L/min@-98Kpa
Speed at rated pressure	1700rpm	1700rpm	1700rpm
Dimension	276×133×180mm	276×133×180mm	276×133×180mm
Installation Size	223×89mm	223×89mm	223×89mm
Net Weight	7 kg	7 kg	7kg



DC Oil Free Vacuum Pump



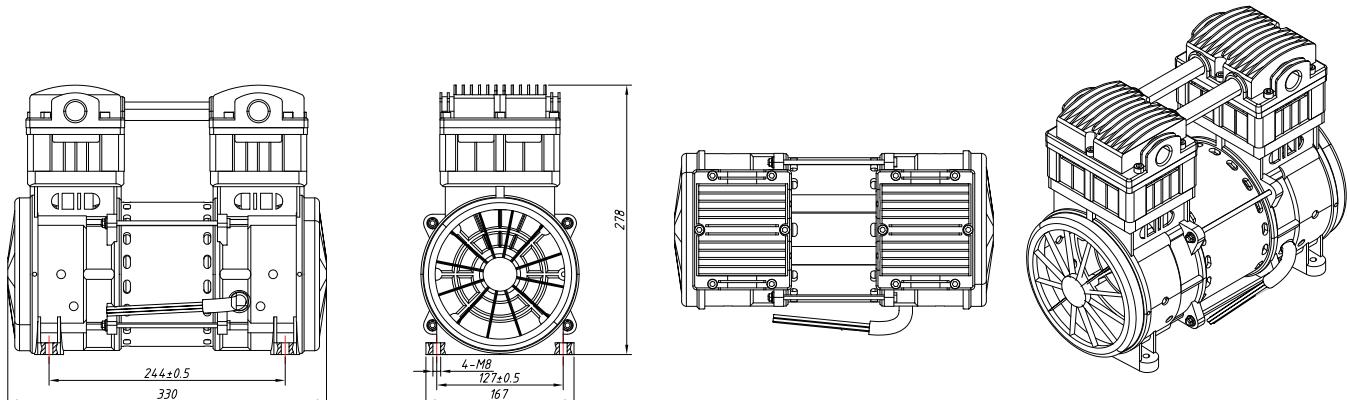
Technical Specification			
Model Number	HC580C	HC580D	HC580E
Voltage	DC12V	DC24V	DC48V
Noise	≤62dB(A)	≤62dB(A)	≤62dB(A)
Power at rated pressure	≤260W	≤260W	≤260W
Vacuum flow rate @ pressure (There's are two options, but you can only choose one)	120 L/min @ -92 Kpa	120 L/min @ -92 Kpa	120 L/min @ -92 Kpa
	60 L/min @ -98 Kpa	60 L/min @ -98 Kpa	60 L/min @ -98 Kpa
Speed at rated pressure	≤1700rpm	≤1700rpm	≤1700rpm
Dimension	276x133x202mm	276x133x202mm	276x133x202mm
Installation Size	223x89mm	223x89mm	223x89mm
Net Weight	7.3kg	7.3kg	7.3kg



DC Oil Free Vacuum Pump



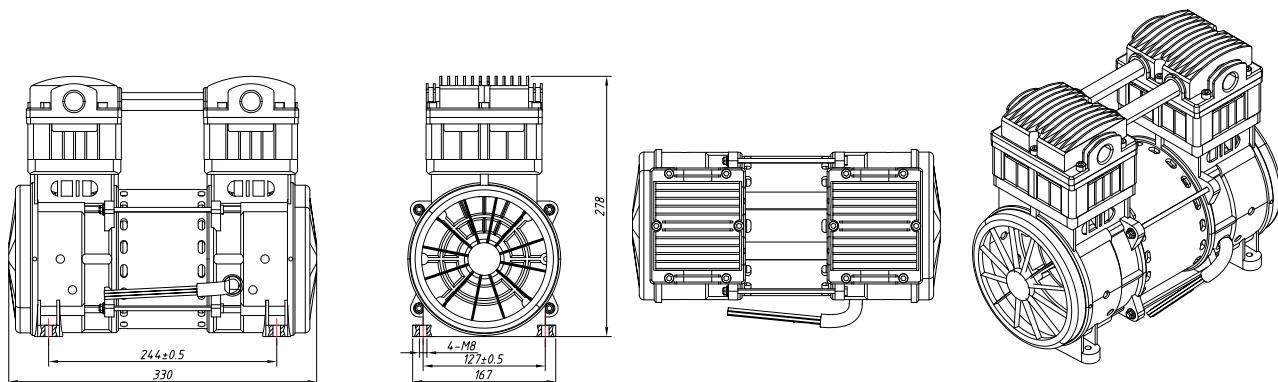
Technical Specification			
Model Number	HC1100C	HC1100D	HC1100E
Voltage	DC12V	DC24V	DC48V
Power at rated pressure	≤600W	≤600W	≤600W
Vacuum flow rate @ pressure (There's are two options, but you can only choose one)	200L/min @ -92Kpa	200L/min @ -92Kpa	200L/min @ -92Kpa
	100 L/min@-98Kpa	100 L/min@-98Kpa	100 L/min@-98Kpa
Speed at rated pressure	≤1700rpm	≤1700rpm	≤1700rpm
Dimension	330*167*278 mm	330*167*278 mm	330*167*278 mm
Installation Size	127*244 mm	127*244 mm	127*244 mm
Net Weight	12.6 kg	12.6 kg	12.6 kg



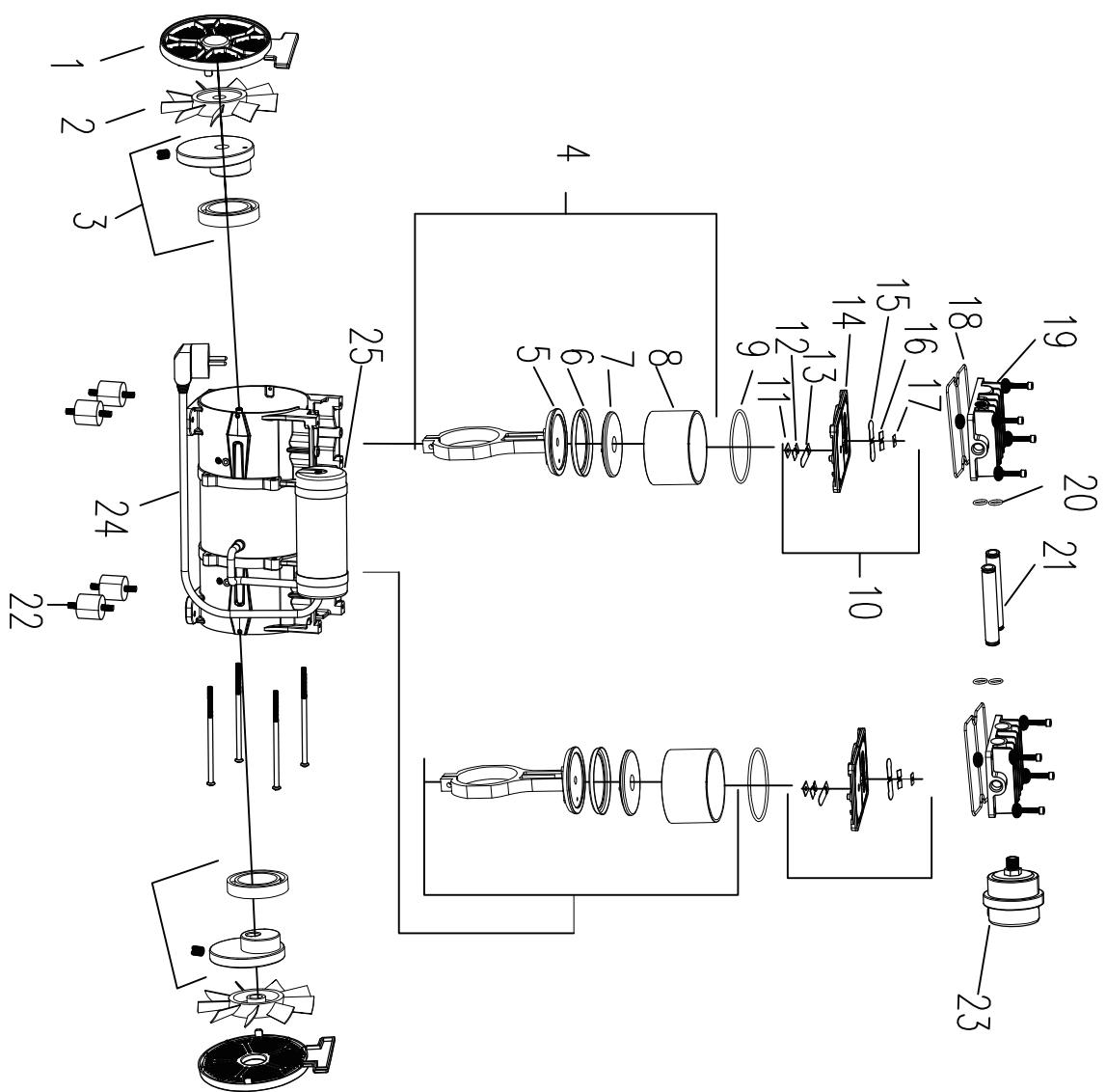
DC Oil Free Vacuum Pump



Technical Specification			
Model Number	HC1500C	HC1500D	HC1500E
Voltage	DC12V	DC24V	DC48V
Power at rated pressure	≤700W	≤700W	≤700W
Vacuum flow rate @ pressure (There's are two options, but you can only choose one)	240 L/min@-92Kpa	240 L/min@-92Kpa	240 L/min@-92Kpa
	130 L/min@-98Kpa	130 L/min@-98Kpa	130 L/min@-98Kpa
Speed at rated pressure	≤1700rpm	≤1700rpm	≤1700rpm
Dimension	330*167*278 mm	330*167*278 mm	330*167*278 mm
Installation Size	127*244 mm	127*244 mm	127*244 mm
Net Weight	12.6 kg	12.6 kg	12.6 kg



No	DESCRIPTION	Q'TY
1	SIDE COVER	2
2	LEFT FAN	2
3	ECC.&BEARING ASS'Y	2
4	CONNECTING ROD ASS'Y	2
5	CONNECT ROD	2
6	PISTON RING	2
7	FASTEN PLATE	2
8	CYLINDER	2
9	CYLINDER SEAL RING	2
10	VALVE PLATE ASSEMBLY	2
11	METAL CUSHION	2
12	LIMITING PLSTE	2
13	INTAKE VALVE	2
14	VALVE PLATE	2
15	EXHAUST VALVE	2
16	LIMITING PLSTE	2
17	SQUARE WASHER	2
18	O-RING GASKET-HEAD	2
19	CYLINDER COVER	2
20	"O" SEAL RING	4
21	CONNECT PIPE	2
22	REDUCE VIBRATION PILLARS	4
23	SILENCER	1
24	POWER LINE	1
25	CAPACITOR BOX	1



Accessories



Vacuum Filter



Solenoid valve



Cylinder



Capacitor



Capacitor Case



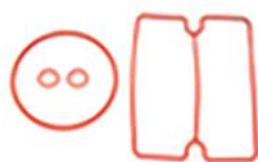
Automatic Drain valve



Piston Ring



Foot Pad



Sealing Ring



fan and cover



Pressure Switch



Silencer



switch box



Bearing



Handle

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