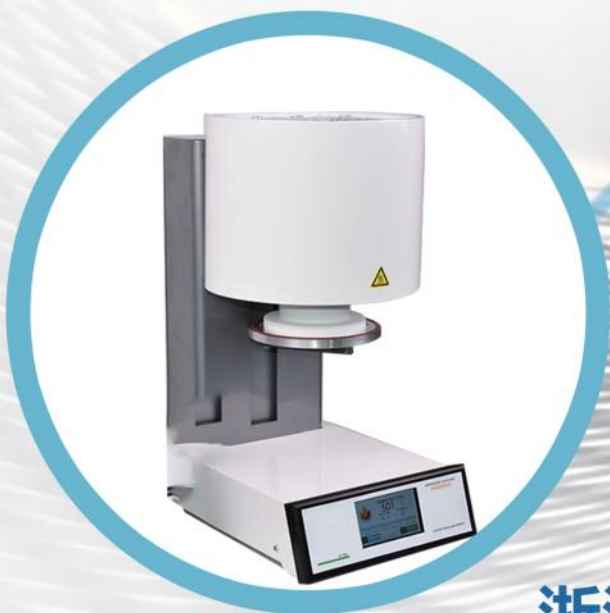


Vacuum Pump



浙江鸿川医疗科技有限公司

Zhejiang Hongchuan Medical Technology Co.,Ltd

Application



Vacuum Packaging Machine



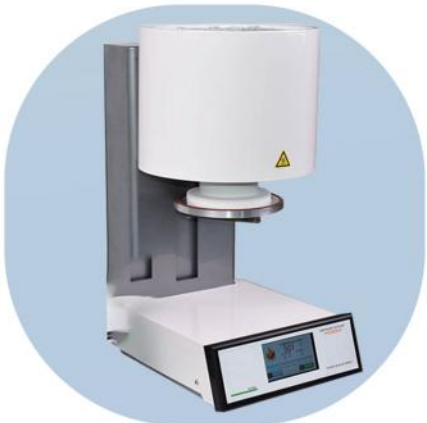
Sputum Aspirator



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.

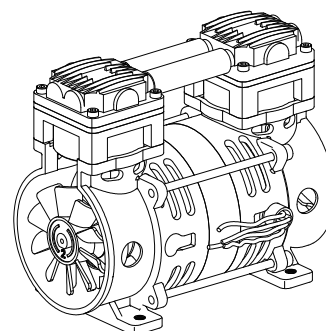
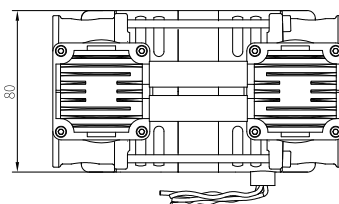
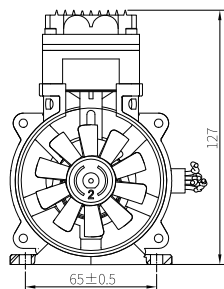
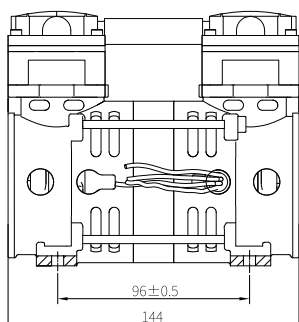
Adhering to the business principle of mutual benefits,we have had a reliable reputation among our customers because of our professional services,quality products and competitive prices , looking forward to your collaboration .



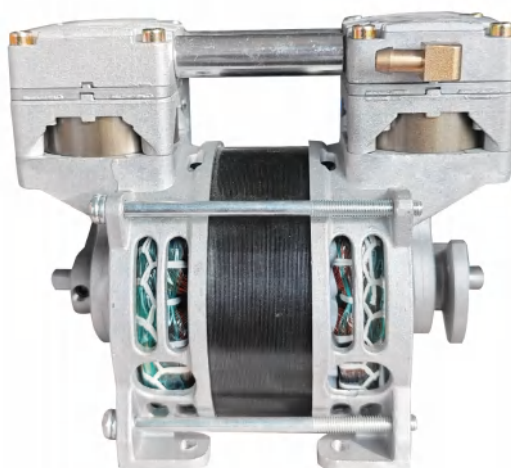
AC Oil Free Vacuum Pump



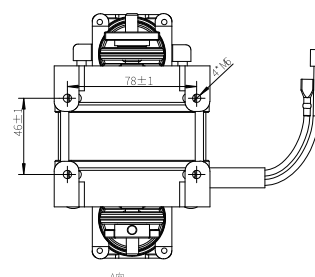
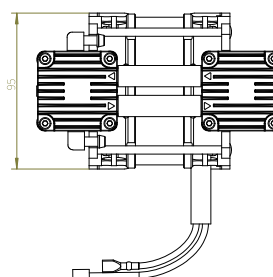
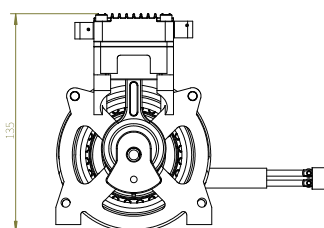
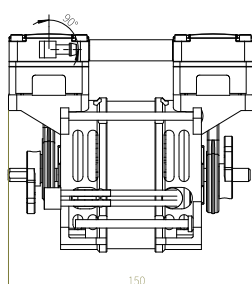
| Technical Specification | | |
|---|-----------------|-----------------|
| Model Number | HC80A | HC80B |
| Voltage | 220V/50Hz/1 | 110V/60Hz/1 |
| Noise | ≤45dB(A) | ≤48dB(A) |
| Power at rated pressure | ≤90 W | ≤90 W |
| Vacuum flow rate @ pressure (There's are two options, but you can only choose 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℃ | -5 to 40℃ |
| Thermal protection | 145±5℃ | 145±5℃ |
| 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℃ | -5 to 40℃ |
| Thermal protection | 145±5℃ | 145±5℃ |
| Motor insulation class | F | F |
| Capacitor value | 3.5μF | 8μF |



AC Oil Free Vacuum Pump



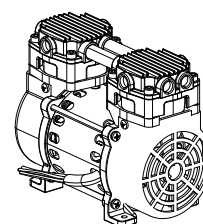
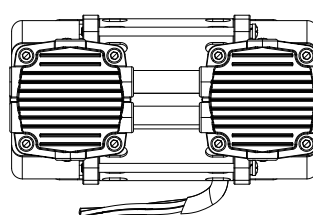
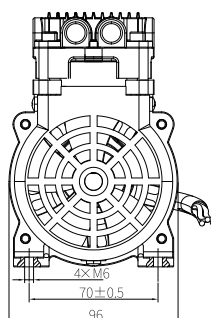
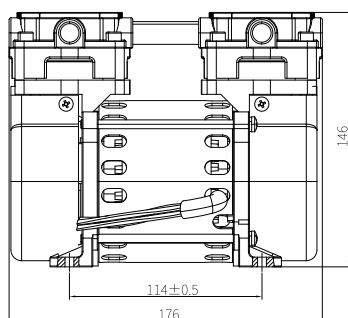
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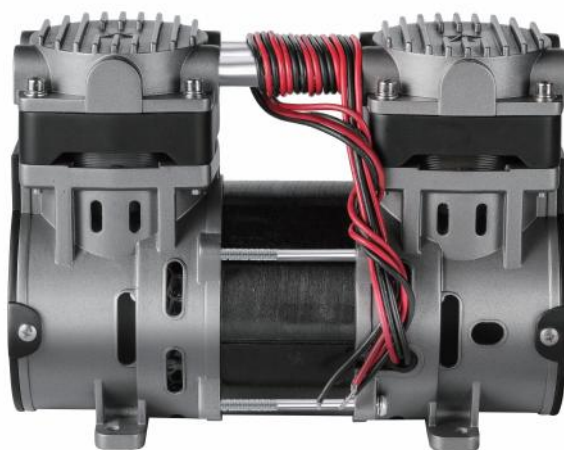
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Technical Specification

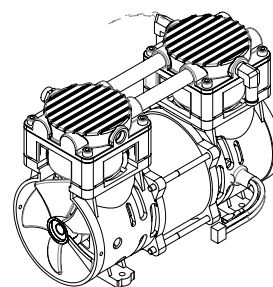
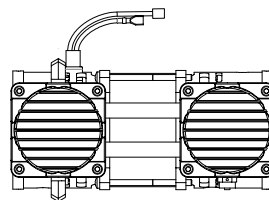
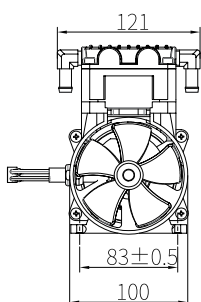
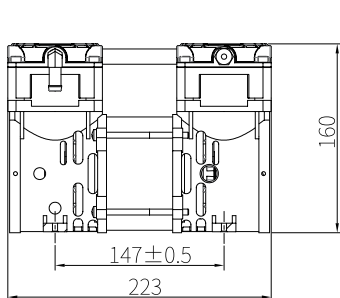
| Model Number | HC100A | HC100B |
|--|------------------|----------------|
| Voltage | 220V/50Hz/ | 110V/60Hz/1 |
| Noise | ≤50dB(A) | ≤51dB(A) |
| Power at rated pressure | ≤110W | ≤150W |
| Vacuum flow rate @ pressure (There's are two options, but you can only choose one) | 45L/min@-90Kpa | 50L/min@-90Kpa |
| | 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℃ | -5 to 40℃ |
| Thermal protection | 145±5℃ | 145±5℃ |
| Motor insulation class | F | F |
| Capacitor value | 10μF | 15μF |



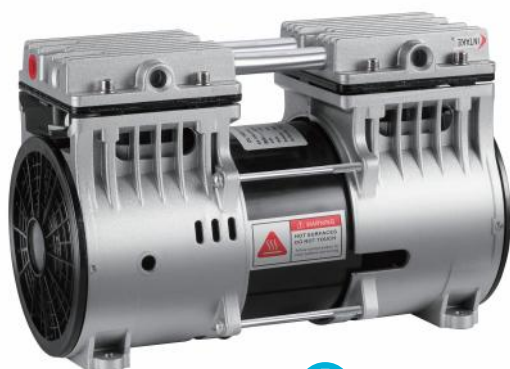
AC Oil Free Vacuum Pump



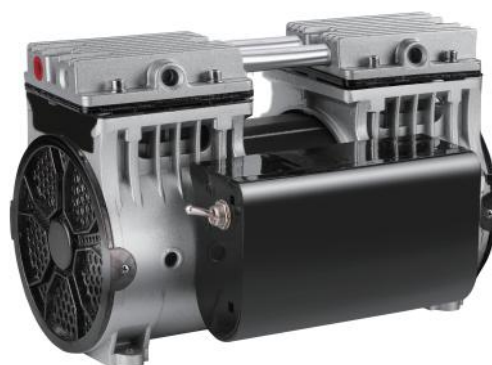
| Technical Specification | | |
|---|----------------|----------------|
| Model Number | HC280A | HC280B |
| Voltage | 220V/50Hz/1 | 110V/60Hz/1 |
| Noise | ≤51dB(A) | ≤54dB(A) |
| Power at rated pressure | ≤180W | ≤220W |
| Vacuum flow rate @ pressure (There's are two options, but you can only choose one) | 90L/min@-92Kpa | 90L/min@-92Kp |
| | 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℃ | -5 to 40℃ |
| Thermal protection | 145±5℃ | 145±5℃ |
| Motor insulation class | F | F |
| Capacitor value | 10μF | 25μF |



AC Oil Free Vacuum Pump

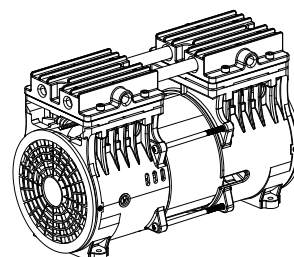
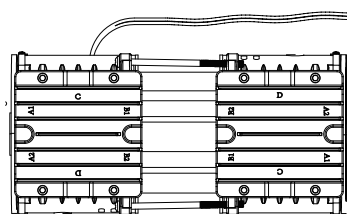
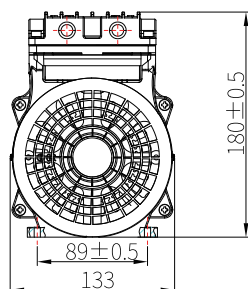
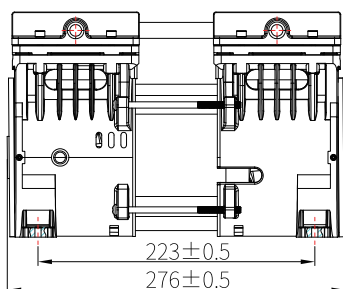


A



B

| 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) | 95Lmin@-92Kpa | 100Lmin@-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℃ | -5 to 40℃ |
| Thermal protection | 145±5℃ | 145±5℃ |
| Motor insulation class | F | F |
| Capacitor value | 20μF | 60μF |



AC Oil Free Vacuum Pump



A

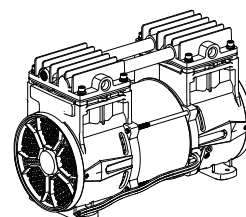
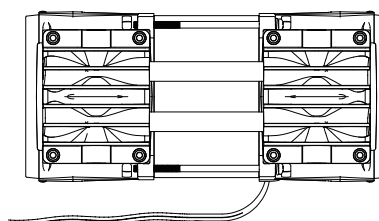
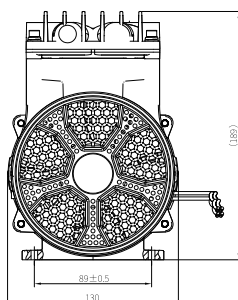
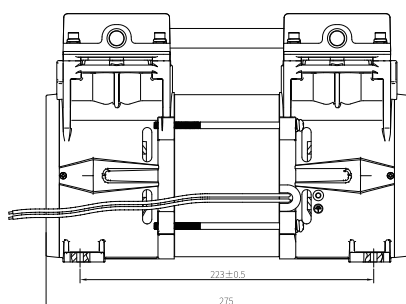


B

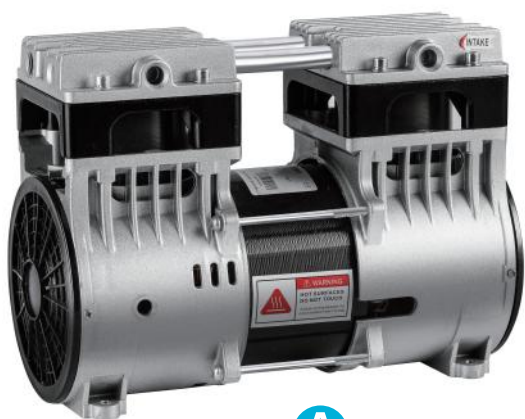


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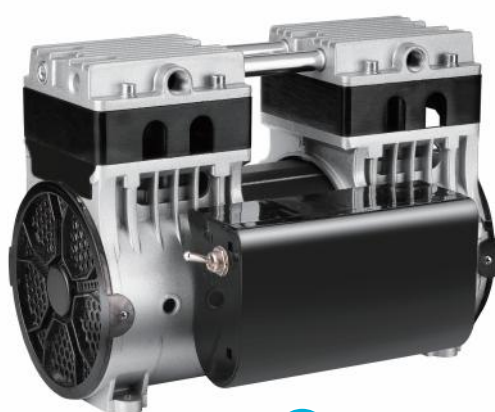
| Technical Specification | | |
|---|------------------|----------------|
| Model Number | HC550A | HC550B |
| Voltage | 220V/50Hz/1 | 110V/60Hz/1 |
| Noise | ≤53dB(A) | ≤55dB(A) |
| Power at rated pressure | ≤200W | ≤260W |
| Vacuum flow rate @ pressure (There's are two options, but you can only choose 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℃ | -5 to 40℃ |
| Thermal protection | 145±5℃ | 145±5℃ |
| Motor insulation class | F | F |
| Capacitor value | 12.5μF | 45μF |



AC Oil Free Vacuum Pump



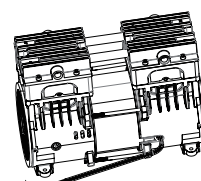
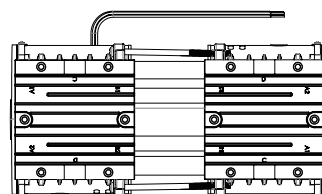
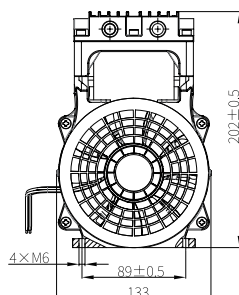
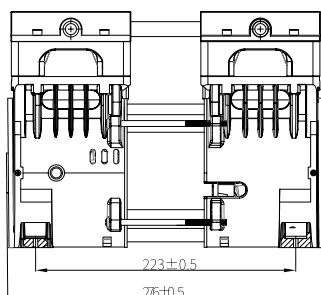
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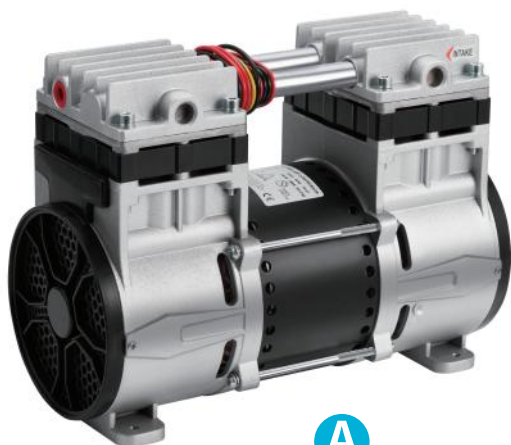
B

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℃ | -5 to 40℃ |
| Thermal protection | 145±5℃ | 145±5℃ |
| Motor insulation class | F | F |
| Capacitor value | 20μF | 60μF |



AC Oil Free Vacuum Pump



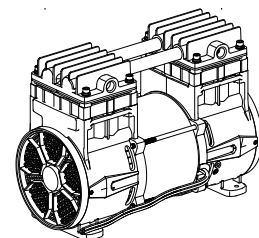
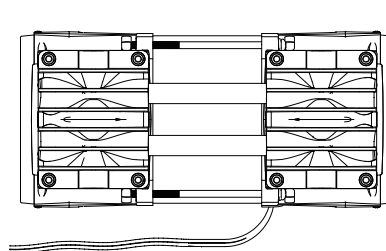
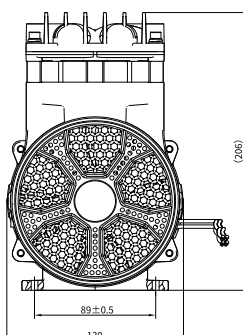
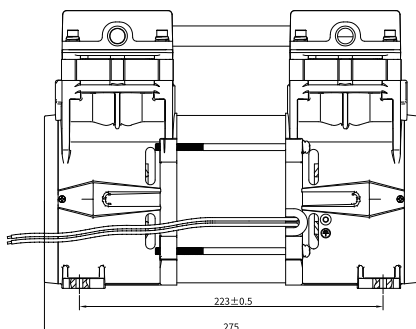
A



B

Technical Specification

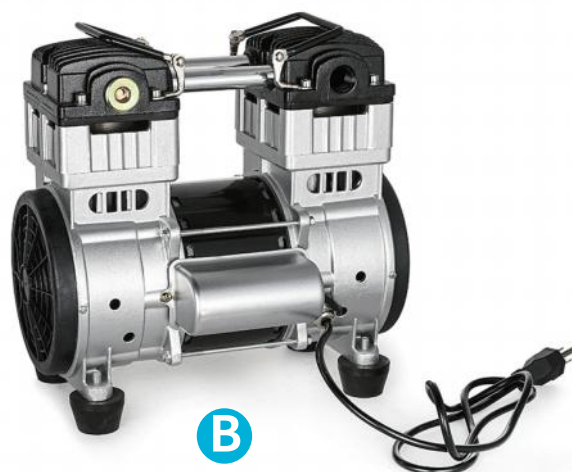
| | | |
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| Model Number | HC680A | HC680B |
| Voltage | 220V/50Hz/1 | 110V/60Hz/1 |
| Noise | ≤60dB(A) | ≤61dB(A) |
| Power at rated pressure | ≤340W | ≤340W |
| Vacuum flow rate @ pressure (There's are two options, but you can only choose one) | 165 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℃ | -5 to 40℃ |
| Thermal protection | 145±5℃ | 145±5℃ |
| Motor insulation class | F | F |
| Capacitor value | 15μF | 60μF |



AC Oil Free Vacuum Pump

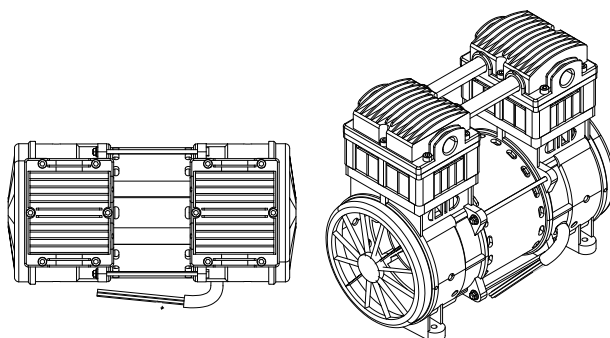
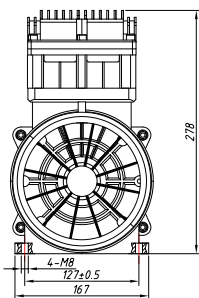
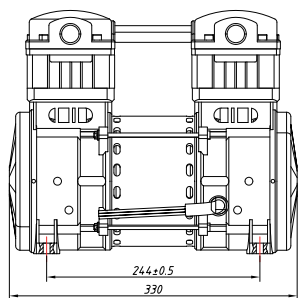


A



B

| Technical Specification | | |
|---|-------------------|-------------------|
| Model Number | HC1100A | HC1100B |
| Voltage | 220V/50Hz/1 | 110V/60Hz/1 |
| Niose | ≤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℃ | -5 to 40℃ |
| Thermal protection | 145±5℃ | 145±5℃ |
| Motor insulation class | F | F |
| Capacitor value | 30μF | 120μF |



AC Oil Free Vacuum Pump

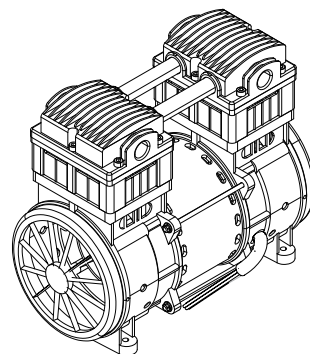
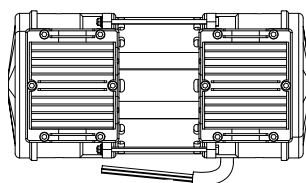
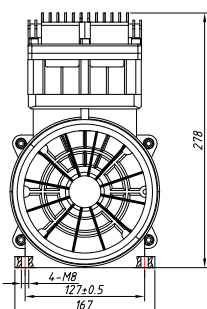
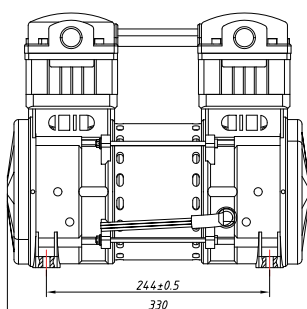


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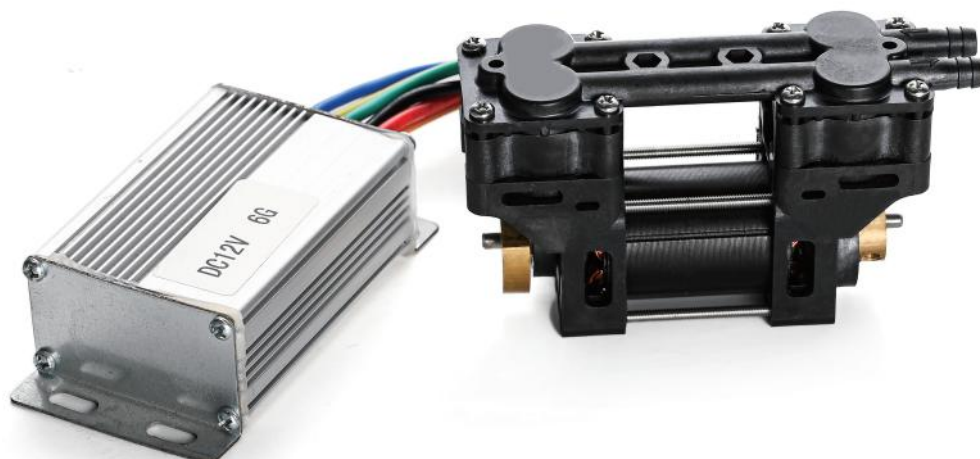


B

| 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℃ | -5 to 40℃ |
| Thermal protection | 145±5℃ | 145±5℃ |
| Motor insulation class | F | F |
| Capacitor value | 35μF | 120μF |

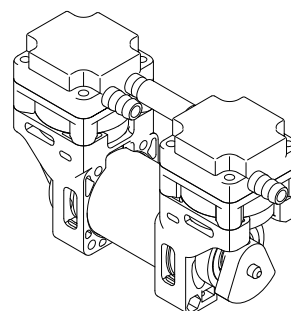
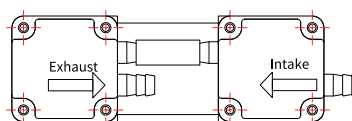
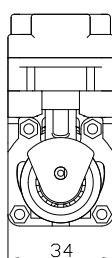
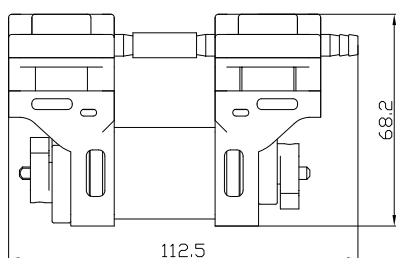


DC Oil Free Vacuum Pump

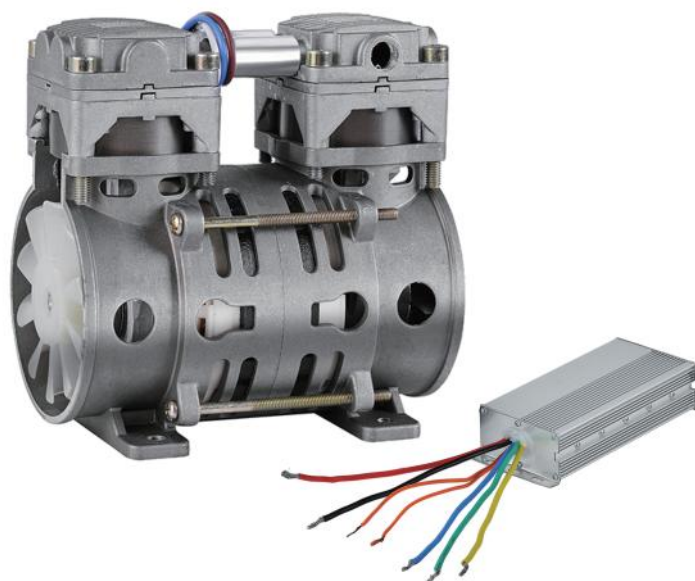


Technical Specification

| | |
|------------------------------------|----------------------|
| 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 |

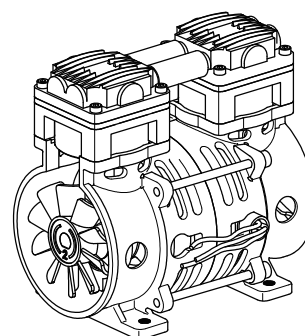
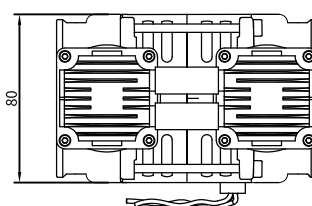
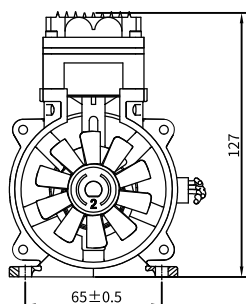
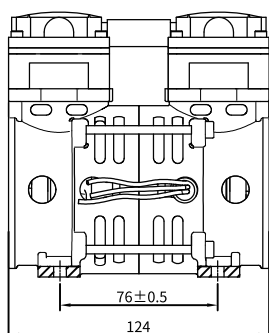


DC Oil Free Vacuum Pump



Technical Specification

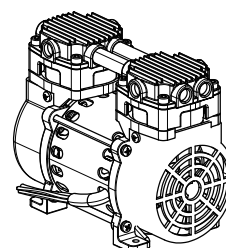
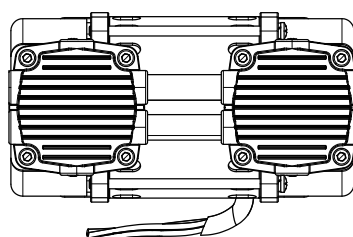
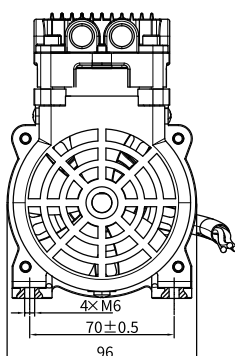
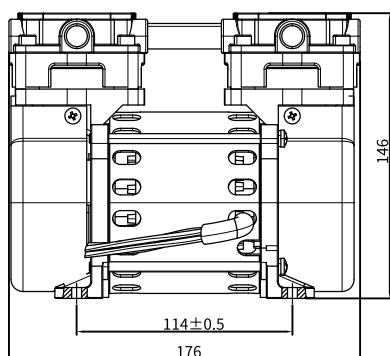
| Model Number | HC80C | HC80D | HC80E |
|--|----------------|----------------|----------------|
| Voltage | DC12V | DC24V | D48V |
| Power at rated pressure | ≤70W | ≤70W | ≤70W |
| Noise | ≤48dB(A) | ≤48dB(A) | ≤48dB(A) |
| Vacuum flow rate @ pressure (There's are two options, but you can only choose 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 |



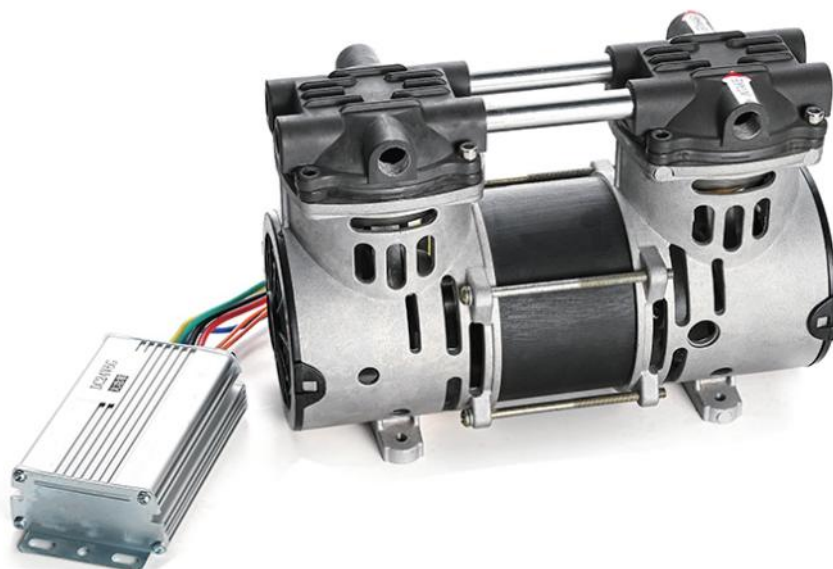
DC Oil Free Vacuum Pump



| 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 | 50 L/min @ -90 Kpa | 50 L/min @ -90 Kpa |
| | 25 L/min @ -98 Kpa | 25 L/min @ -98 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 |

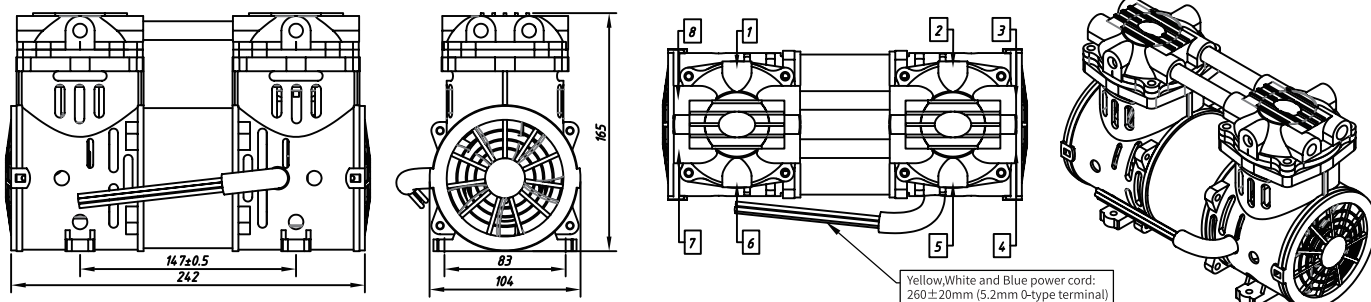


DC Oil Free Vacuum Pump

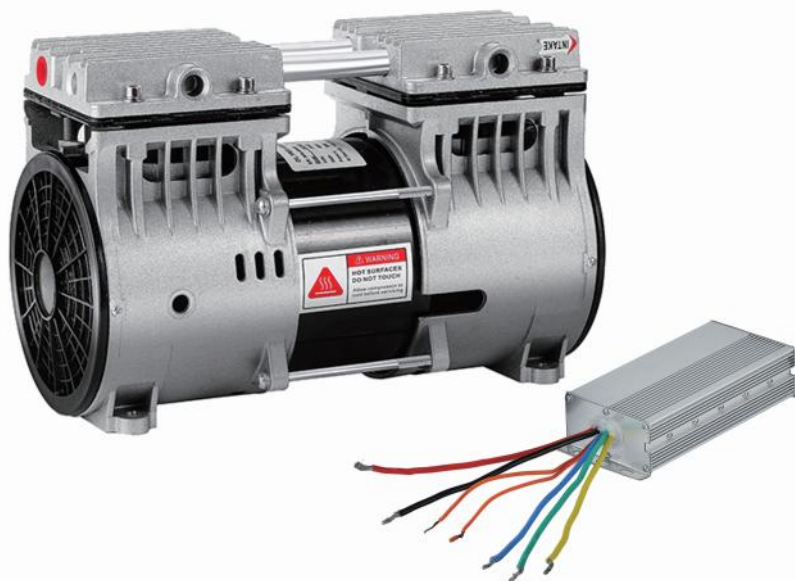


Technical Specification

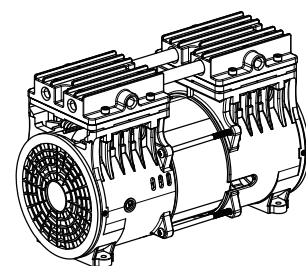
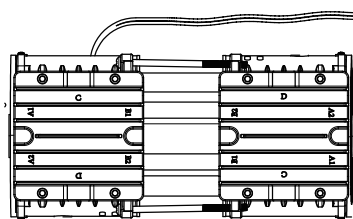
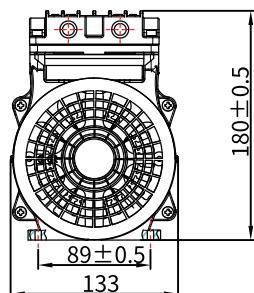
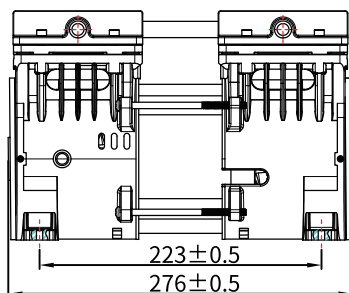
| Model Number | HC280C | HC280D | HC280E |
|--|-------------------|-------------------|-------------------|
| Voltage | DC12V | DC24V | DC48V |
| Noise | ≤58dB(A) | ≤58dB(A) | ≤58dB(A) |
| Power at rated pressure | ≤180W | ≤180W | ≤180W |
| Vacuum flow rate @ pressure (There's are two options, but you 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 |



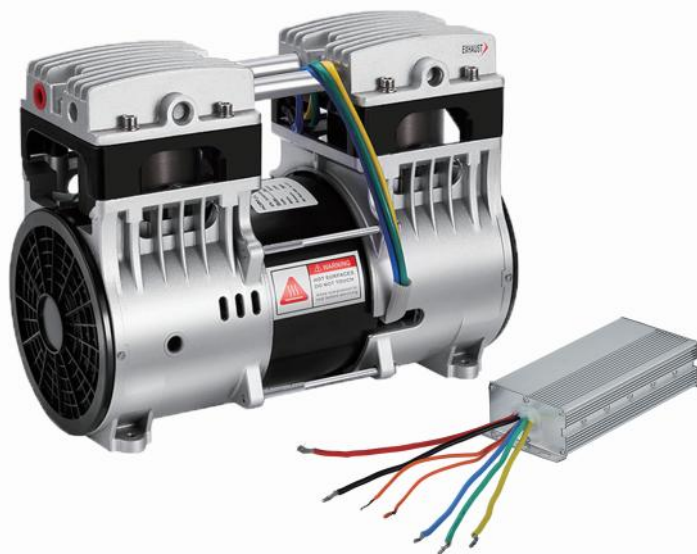
DC Oil Free Vacuum Pump



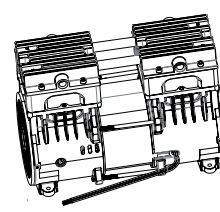
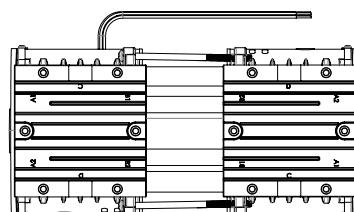
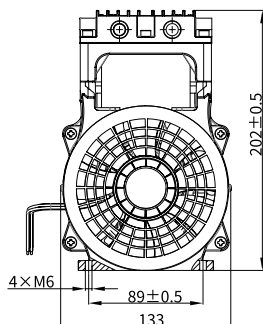
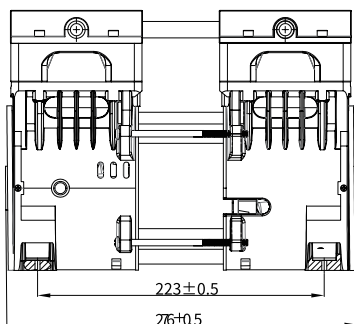
| Technical Specification | | | |
|---|---------------------|---------------------|---------------------|
| Model Number | HC480C | HC480D | HC480E |
| Voltage | DC12V | DC24V | DC48V |
| Noise | ≤58dB(A) | ≤58dB(A) | ≤58dB(A) |
| Power at rated pressure | ≤200W | ≤200W | ≤200W |
| Vacuum flow rate @ pressure (There's are two options, but you can only choose one) | 100 L/min @ -92 Kpa | 100 L/min @ -92 Kpa | 100 L/min @ -92 Kpa |
| | 50L/min@-98Kpa | 50L/min@-98Kpa | 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



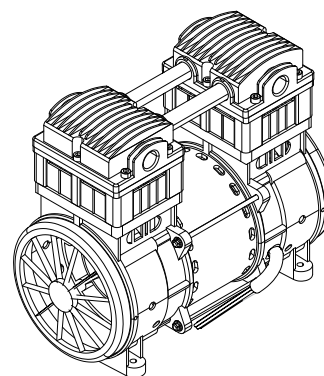
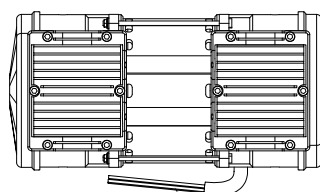
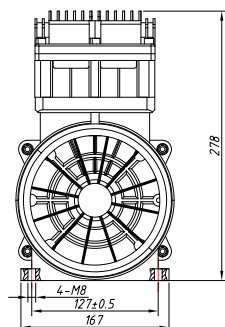
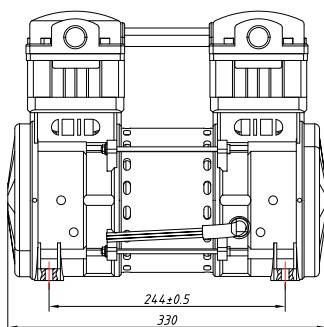
| Technical Specification | | | |
|---|---------------------|---------------------|---------------------|
| Model Number | HC580C | HC580D | HC580E |
| Voltage | DC12V | DC24V | DC48V |
| Noise | ≤62dB(A) | ≤62dB(A) | ≤62dB(A) |
| Power at rated pressure | ≤260W | ≤260W | ≤260W |
| Vacuum flow rate @ 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 | 223×89mm | 223×89mm | 223×89mm |
| Net Weight | 7.3kg | 7.3kg | 7.3kg |



DC Oil Free Vacuum Pump



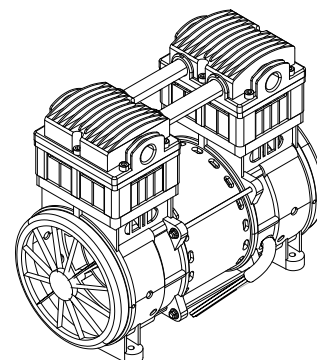
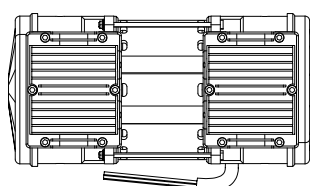
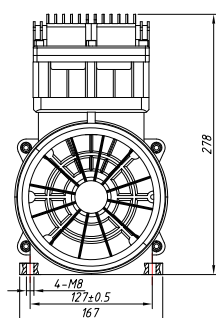
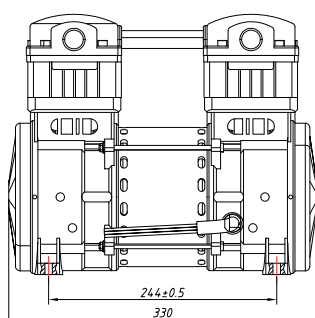
| Technical Specification | | | |
|---|-------------------|-------------------|-------------------|
| Model Number | HC1100C | HC1100D | HC1100E |
| Voltage | DC12V | DC24V | DC48V |
| Power at rated pressure | ≤600W | ≤600W | ≤600W |
| Vacuum flow rate @ pressure (There's are two options, but you can 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 |



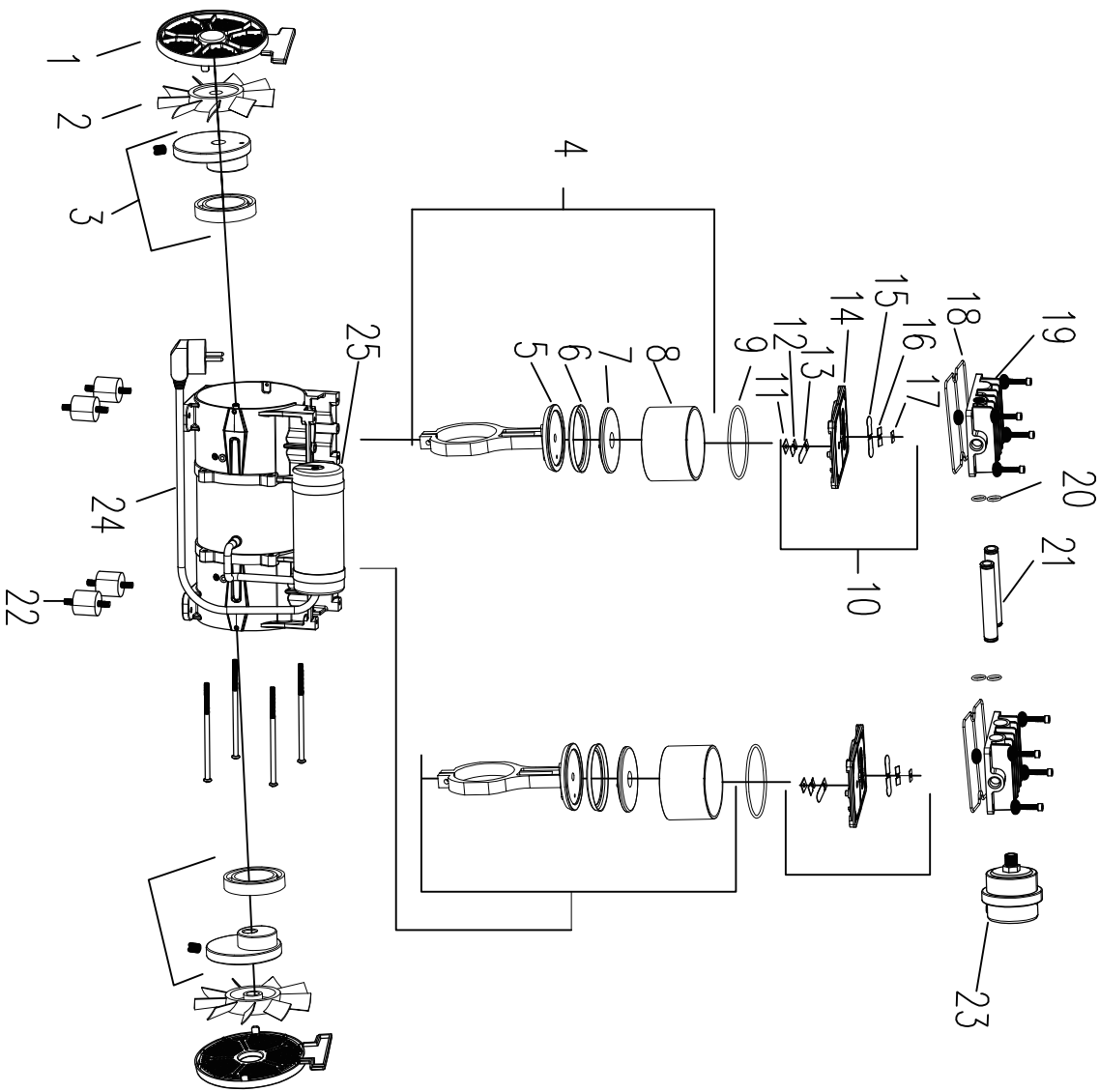
DC Oil Free Vacuum Pump



| 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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