



# MICRO RADIAL BLDC BLOWER PRODUCT CATALOG







Since its establishment in 2008, Jiangsu DINGS' Intelligent Control Technology Co., Ltd. has adhered to the business philosophy of "Quality comes from responsibility, and details determine success or failure." The company is committed to becoming a Precision Motion Specialist and a world-class provider of motion control solutions.

DINGS' offers a comprehensive range of products, including precision stepper motors, DC motors, voice coil motors, lead and ball screw linear actuators, PMSM motors for new energy vehicles, and motion controllers.

#### **SCALE**

200+ Processing Equipment



20+ Assembly Lines



100+ Testing Instruments



140+ Patents



#### **CERTIFICATIONS**



Quality



14001 Environmental



Health & Safety



Medical Device Quality



Automotive Quality



Intellectual Property



Safety Standards



Environmental Standards - RoHS



Environmental Standards - REACH

#### **GROWTH**

2008	Company founded and DINGS' brand registered
2010	Established DINGS' MOTION USA
2016	Established DINGS' Korea
2019	Joined LEILI Group
2021	Established Changzhou Intelligent Manufacturing Factory Listed on China's NEEQ ('New Third Board') Market
2022	Set up R&D Center in Korea
2023	Listed on the Beijing Stock Exchange [Stock Code: 920593] Conversion to DINGS' Korea Corporation Established of DINGS' Japan
2024	Completed Headquarters Smart Manufacturing Base Established of DINGS' Motion Europe

#### PRODUCT WARRANTY

DINGS' provides a 2-year warranty from the delivery date. If caused by quality issues, free repair is provided.

2025 Establishment of Thailand Manufacturing Base

Free maintenance does not apply in the following cases:

- Warranty period expired (including nameplate loss or intentional damage)
- Improper installation, use, or environment
- · Unauthorized disassembly or modification
- · Repaired by non-accredited personnel
- Damage from natural disasters or force majeure

DINGS' is dedicated to delivering quality, reliability, and responsibility in every product and service.





# MICRO RADIAL BLDC BLOWER

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- Model Number Structure
- BLDC Blowers

C60 Small Turbine Fan

C65 Micro Radial Blower

C80 Micro Radial Blower

C90 Micro Radial Blower

S80 Micro Radial Blower

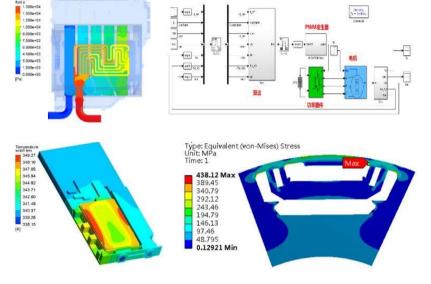
S145 Micro Radial Blower

**■** Certificates



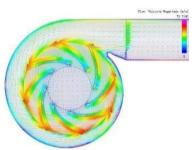


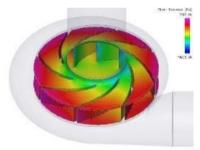
# **Company Overview**



# Product Development Capabilities

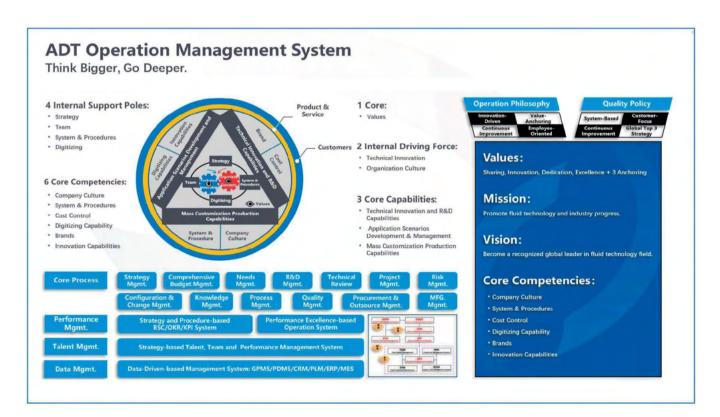
- System Definition and System Integration
- Fluid Design
- Electrical Motor Development
- Motor Driver HW&SW Development
- Mechanical Design
- FEA/CFD/Electromagnetic/Thermal Simulation
- Completed Product Validation Capabilities





#### **Product Portfolios**

- Brushless DC Blower
- Brushless DC Motor Driver
- Brushless DC Motor
- Fuel Cell Air Compressor





# Why Choose Us



### We are the fluid product expert

- Average 10+ years R&D experience, core members hold PHD and Master's degrees
- Rich experience in system development and system integration
- Expertise in blower, fan, brushless DC motor and motor driver development
- Automotive manufacturing expertise team
- High static pressure and air flow-rate in a compact size, combining silence technology and fast dynamic response design



#### Customizable

 DINGS' engineering team develops the desired application with and for the customer according to individual requirements



# Long Service Life

■ The expected lifetime of our fans and blowers is more than 20,000 to 50,000 hours, which means high reliability for the operator



# **Reliable Quality**

Strictly following ISO 9001 and company quality policy, we always offer high-quality and excellent consistency products to our customers.



### **Competitive Price**

■ Conducting fit-for-use design, lean manufacturing and craftsmanship policy, we can offer our customers with a competitive price



# **Quick Technical Support**

 We have a fast-response technical expertise team; our customers can easily get professional technical support from us



#### **APPLICATION FIELD AND SCENARIOS**

# **Main Application Filed**

Medical & Big Health



Hydrogen Fuel Cell System



Industrial Automation Test & Monitoring Equipment



Special Applications















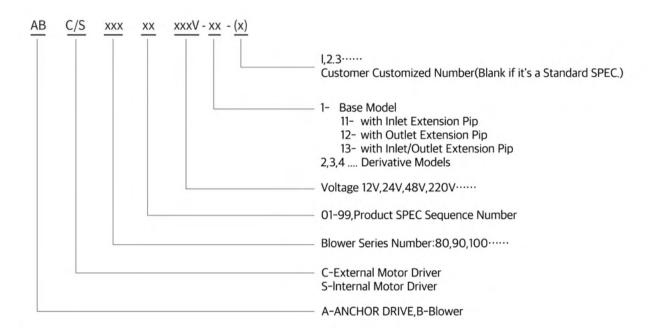


# **Typical Application Scenarios**

Medical	Equipment and Instrument	Others
<ul> <li>Ventilator</li> <li>Expectoration machine</li> <li>Surgical smoke removal equipment</li> <li>Nebulizer</li> <li>Oxygen generator</li> <li>Isolation chamber</li> <li>PARR</li> <li>Dental equipment</li> <li>Disinfection and sterilization equipment</li> <li>Gas test</li> </ul>	<ul> <li>Dust/Smoking removal</li> <li>Disinfection and sterilization equipment for cold chain</li> <li>Cooling</li> <li>Glove box</li> <li>Temperature and humidity test chamber</li> <li>Part grabbing</li> <li>Gas transportation</li> <li>Liquid nebulizer</li> <li>Environmental monitoring</li> <li>Gas test</li> </ul>	<ul> <li>Hydrogen fuel cell system</li> <li>Fresh air system</li> <li>Vacuum cleaner</li> <li>Floor sweeping robot</li> <li>Air cushion aerator</li> <li>Moxibustion smoking removal</li> <li>Agricultural application</li> <li>Aerator</li> <li>Stove</li> <li>.</li> <li>.</li> </ul>



#### THE MODEL DEFINITION OF DINGS' MICRO RADIAL BLDC BLOWER



# **Example**

AB C8007-24V-1	AB C8007-24V-2	Base model
AB C8007-24V-11	AB C8007-24V-21	w/ Inlet Extension Pipes
AB C8007-24V-12	AB C8007-24V-22	w/ Outlet Extension Pipes
AB C8007-24V-13	AB C8007-24V-23	w/ Inlet & Outlet Extension Pipes

Table 1- The Comparison Matrix of AB C80xx-1 and AB C80xx-2

	Function/Performance Comparison	AB C8007-24V-1	AB C8007-24V-2
1	Functions	Sar	ne
2	Performance	Sar	ne
3	Lifetime	Sar	ne
4	Voltage Range	Sar	ne
5	Max.Current	Sar	ne
6	Size	Sar	me
7	Mass	310g	330g
8	Work Temperature	-20°C~50°C	-30°C~50°C
9	Humidity	≤85%RH	≤95%RH
10	Acid-Resisting	No	Yes
11	Corrosion Preventive	No	Yes



C60

Motor Simplified Name

C6001



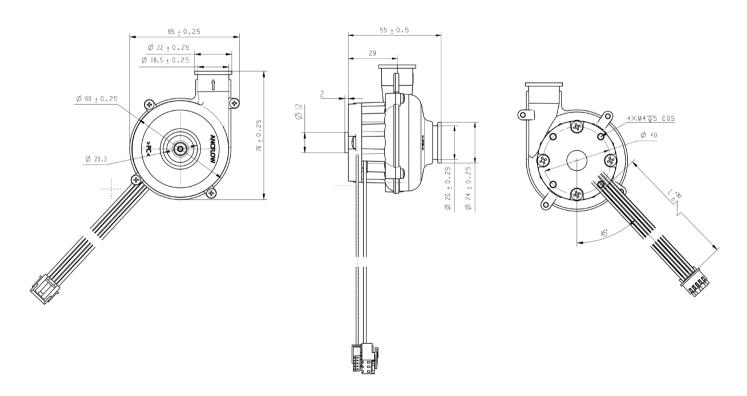
Item Name	C6001
Brand Name	ANCFLOW
Model Number	C6001-12/24V-1/3
Part Name	Brushless DC Blower
Rated Power (W)	50
Rated Voltage (V)	12/24
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	7.0 kPa
max.Flow Rate	450LPM (27.0m³/h)
Rated Static Pressure	5.5kPa
Rated Flow Rate	202LPM (12.1m³/h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	60.5*76.0*55.0mm/60.5*76.0*48.0mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





#### INTERFACE DRAWING

#### **C60 Series**





C60

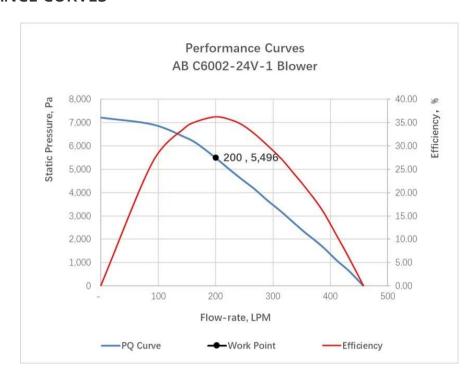
Motor Simplified Name

C6002



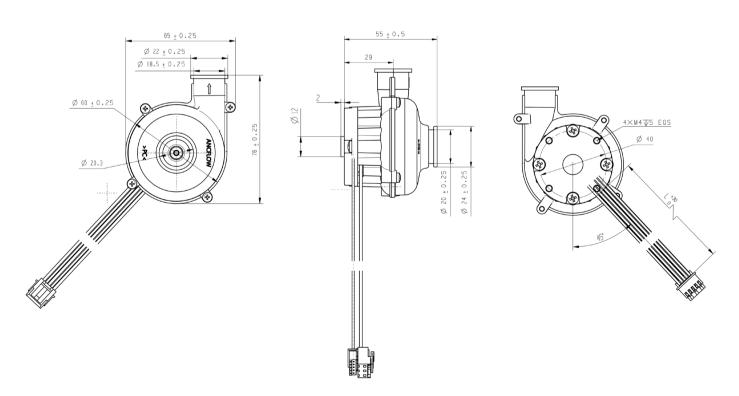
Item Name	C6002
Brand Name	ANCFLOW
Model Number	C6002-12/24/48V-1/3
Part Name	Brushless DC Blower
Rated Power (W)	50
Rated Voltage (V)	12/24/48
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	7.0 kPa
max.Flow Rate	450LPM (27.0m³/h)
Rated Static Pressure	5.5kPa
Rated Flow Rate	200LPM (12.1m³/h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	60.5*76.0*55.0mm/60.5*76.0*48.0mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





#### INTERFACE DRAWING

#### **C60 Series**





C60

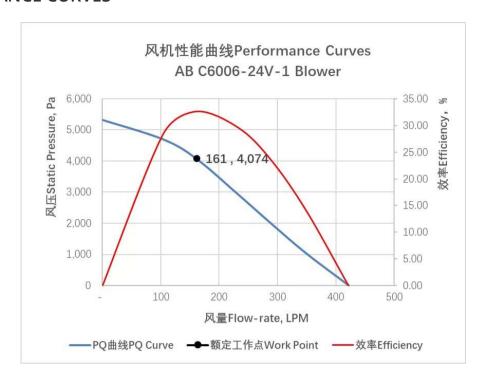
Motor Simplified Name

C6006



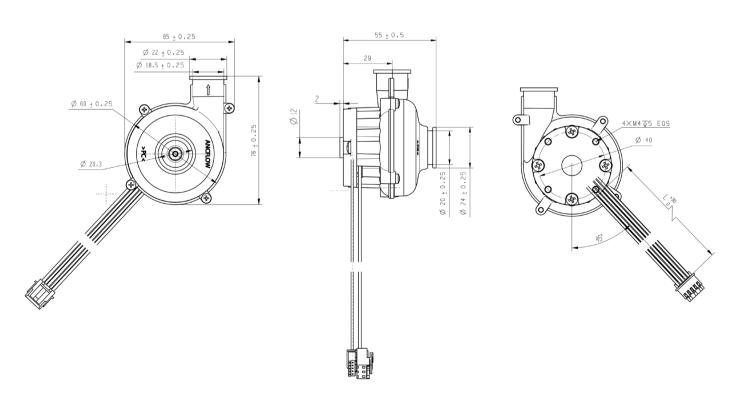
Item Name	C6006
Brand Name	ANCFLOW
Model Number	C6006-12/24/48V-1/3
Part Name	Brushless DC Blower
Rated Power (W)	34
Rated Voltage (V)	12/24/48
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	5.3kPa
max.Flow Rate	422LPM (25.3m³/h)
Rated Static Pressure	4.0kPa
Rated Flow Rate	161LPM (9.6m³/h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	60.5*76.0*55.0mm/60.5*76.0*48.0mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





#### INTERFACE DRAWING

#### **C60 Series**





C60

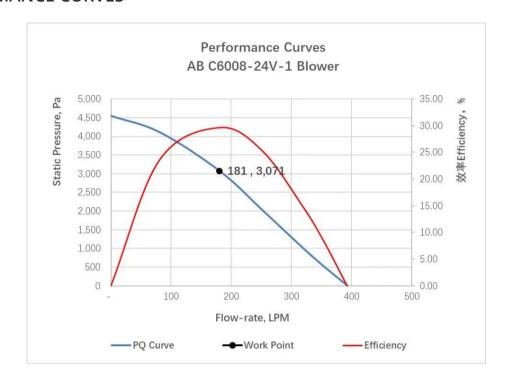
Motor Simplified Name

C6008



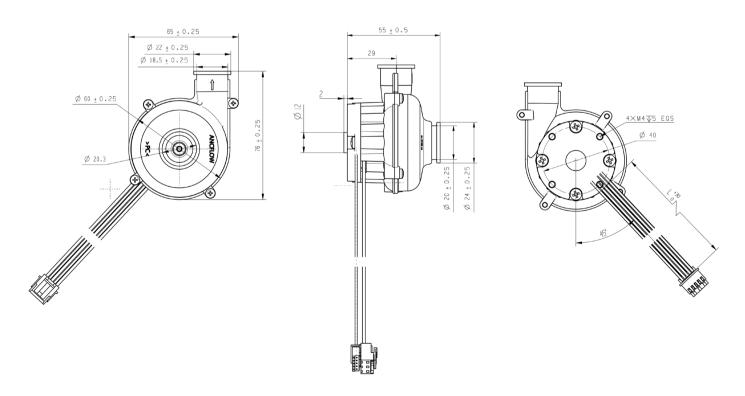
Item Name	C6008
Brand Name	ANCFLOW
Model Number	C6008-12/24/48V-1/3
Part Name	Brushless DC Blower
Rated Power (W)	31
Rated Voltage (V)	12/24/48
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	4.5kPa
max.Flow Rate	386LPM (23.2m³/h)
Rated Static Pressure	3.1kPa
Rated Flow Rate	181LPM (10.8m³/h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	60.5*76.0*55.0mm/60.5*76.0*48.0mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





#### INTERFACE DRAWING

#### **C60 Series**





C65

Motor Simplified Name

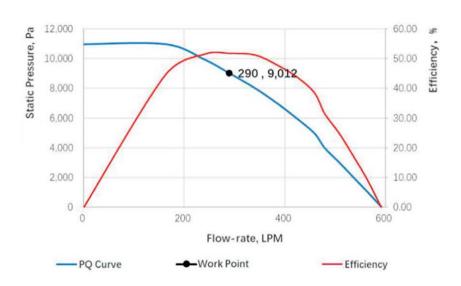
C6504



Item Name	C6504
Brand Name	ANCFLOW
Model Number	C6504-24V-1
Part Name	Brushless DC Blower
Rated Power (W)	77
Rated Voltage (V)	24
Power Supply Type	DC
max.Static Pressure	10.7kPa
max.Flow Rate	580LPM
Rated Static Pressure	8.4kPa
Rated Flow Rate	273LPM
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	65.1*62.8*56.2mm
Service life (L10 at 40°C)	20,000h

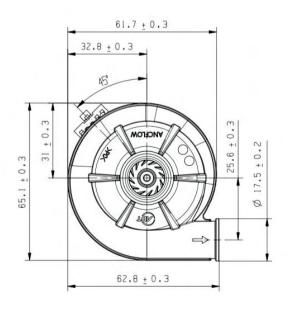


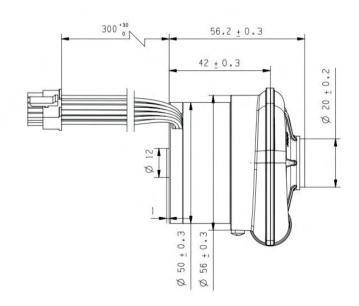
AB C6504 Blower



#### INTERFACE DRAWING

#### **C65 Series**







C80

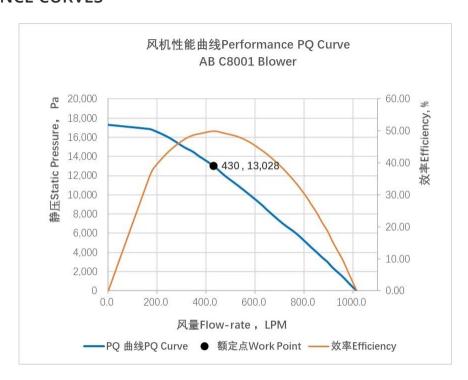
Motor Simplified Name

C8001

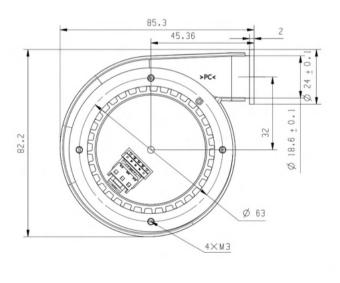


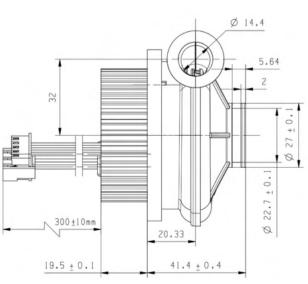
Item Name	C8001
Brand Name	ANCFLOW
Model Number	C8001-24V-1
Part Name	Brushless DC Blower
Rated Power (W)	187
Rated Voltage (V)	24
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	17.0kPa
max.Flow Rate	960LPM (57.6m³/h)
Rated Static Pressure	13.0kPa
Rated Flow Rate	430LPM (25.8m³/h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	85.3*82.2*60.9mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE, ISO10993
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





#### INTERFACE DRAWING







C80

Motor Simplified Name

C8002

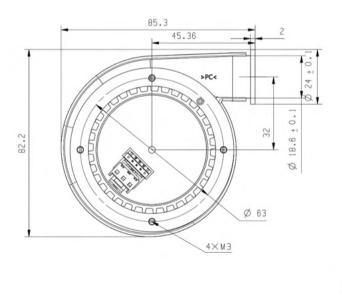


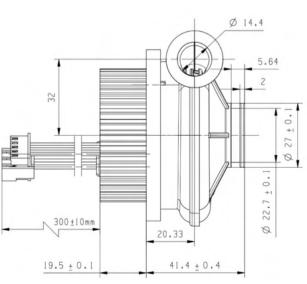
Item Name	C8002
Brand Name	ANCFLOW
Model Number	C8002-24/48V-1
Part Name	Brushless DC Blower
Rated Power (W)	180
Rated Voltage (V)	24/48
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	17.0kPa
max.Flow Rate	960LPM (57.6m³/h)
Rated Static Pressure	14.0kPa
Rated Flow Rate	388LPM (23.3m³/h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	85.3*82.2*60.9mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE, ISO10993
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





#### INTERFACE DRAWING







C80

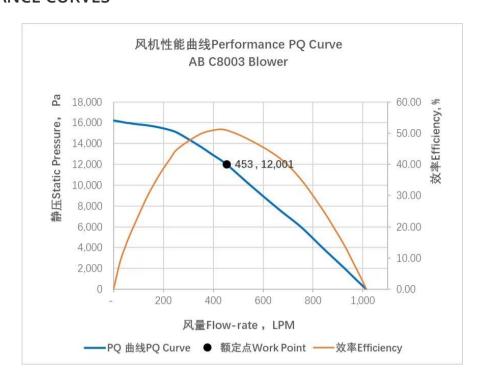
Motor Simplified Name

C8003

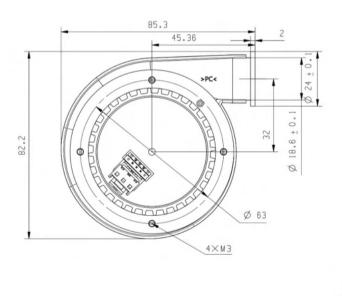


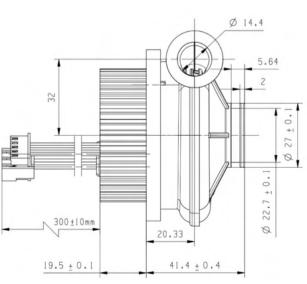
Item Name	C8003
Brand Name	ANCFLOW
Model Number	C8003-24V-1
Part Name	Brushless DC Blower
Rated Power (W)	178
Rated Voltage (V)	24
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	16.0kPa
max.Flow Rate	960LPM (57.6m³/h)
Rated Static Pressure	12.0kPa
Rated Flow Rate	453LPM (27.2m <sup>3</sup> /h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	85.3*82.2*60.9mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE, ISO10993
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





#### INTERFACE DRAWING







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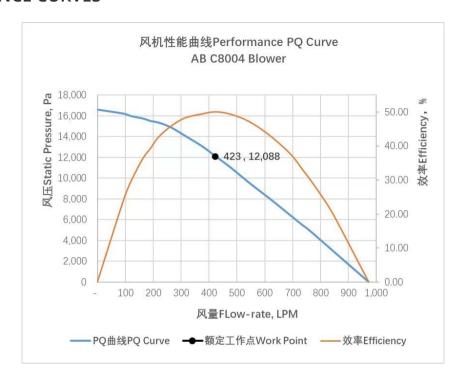
Motor Simplified Name

C8004

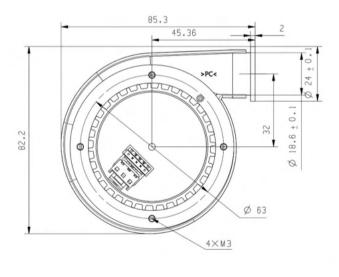


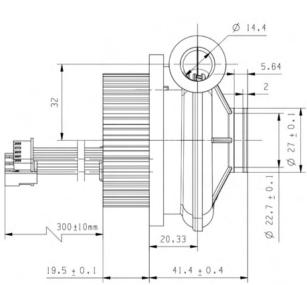
Item Name	C8004
Brand Name	ANCFLOW
Model Number	C8004-24/48V-1
Part Name	Brushless DC Blower
Rated Power (W)	170
Rated Voltage (V)	24/48
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	16.0kPa
max.Flow Rate	960LPM (57.6m³/h)
Rated Static Pressure	12.0kPa
Rated Flow Rate	423LPM (25.4m³/h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	85.3*82.2*60.9mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE, ISO10993
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





#### INTERFACE DRAWING







C80

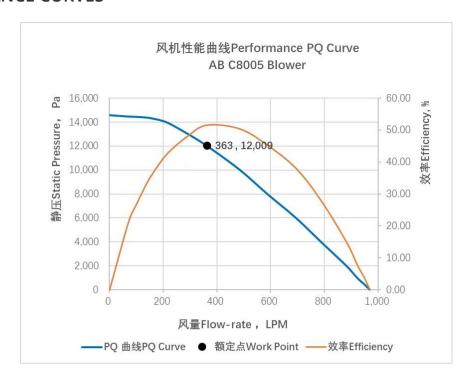
Motor Simplified Name

C8005

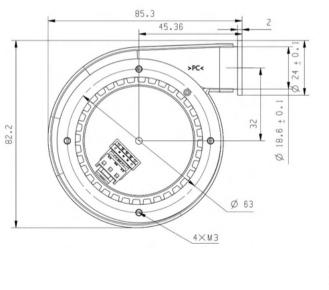


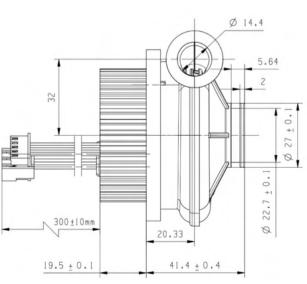
Item Name	C8005
Brand Name	ANCFLOW
Model Number	C8005-24V-1
Part Name	Brushless DC Blower
Rated Power (W)	142
Rated Voltage (V)	24
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	14.5kPa
max.Flow Rate	950LPM (57.0m³/h)
Rated Static Pressure	12.0kPa
Rated Flow Rate	363LPM (21.8m³/h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	85.3*82.2*60.9mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE, ISO10993
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





#### INTERFACE DRAWING







C80

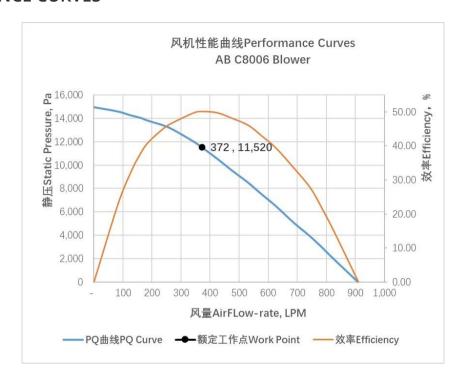
Motor Simplified Name

C8006

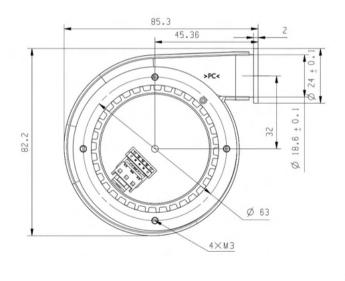


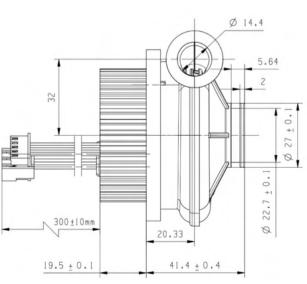
Item Name	C8006
Brand Name	ANCFLOW
Model Number	C8006-24/48V-1
Part Name	Brushless DC Blower
Rated Power (W)	140
Rated Voltage (V)	24/48
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	14.5kPa
max.Flow Rate	910LPM (54.6m³/h)
Rated Static Pressure	11.5kPa
Rated Flow Rate	372LPM (22.3m <sup>3</sup> /h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	85.3*82.2*60.9mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE, ISO10993
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





#### INTERFACE DRAWING







C80

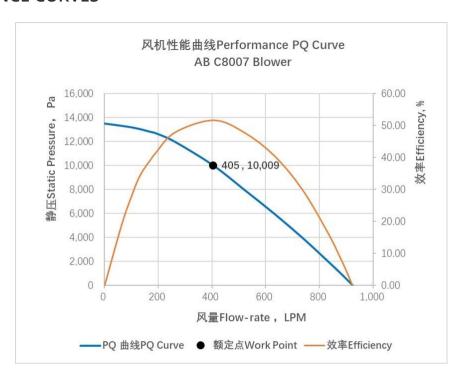
Motor Simplified Name

C8007

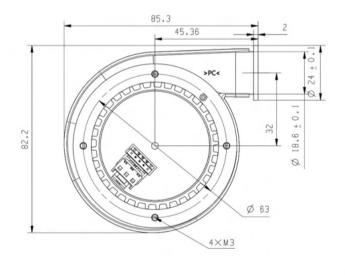


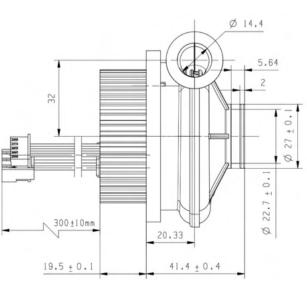
Item Name	C8007
Brand Name	ANCFLOW
Model Number	C8007-24V-1
Part Name	Brushless DC Blower
Rated Power (W)	130
Rated Voltage (V)	24
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	13.5kPa
max.Flow Rate	920LPM (55.2m³/h)
Rated Static Pressure	10.0kPa
Rated Flow Rate	405LPM (24.3m <sup>3</sup> /h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	85.3*82.2*60.9mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE, ISO10993
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





#### INTERFACE DRAWING







C80

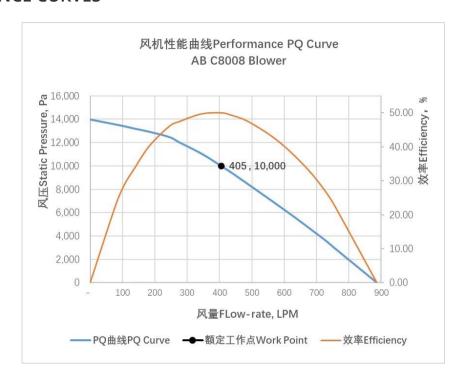
Motor Simplified Name

C8008

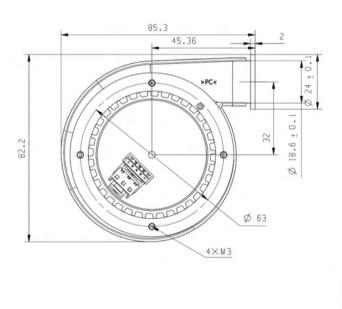


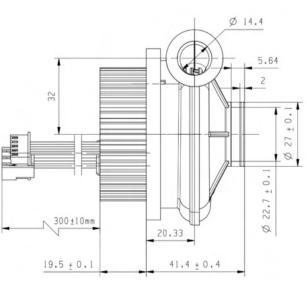
Item Name	C8008
Brand Name	ANCFLOW
Model Number	C8008-24/48V-1
Part Name	Brushless DC Blower
Rated Power (W)	135
Rated Voltage (V)	24/48
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	13.5kPa
max.Flow Rate	887LPM (53.2m <sup>3</sup> /h)
Rated Static Pressure	10.0kPa
Rated Flow Rate	405LPM (24.3m <sup>3</sup> /h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	85.3*82.2*60.9mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE, ISO10993
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





#### INTERFACE DRAWING







C80

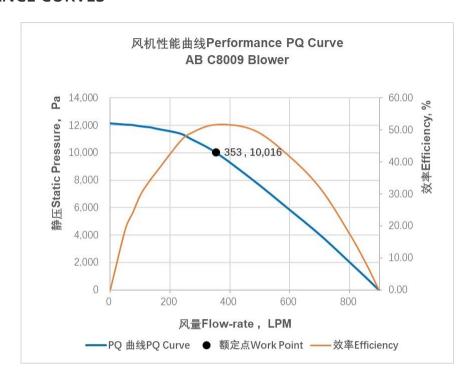
Motor Simplified Name

C8009

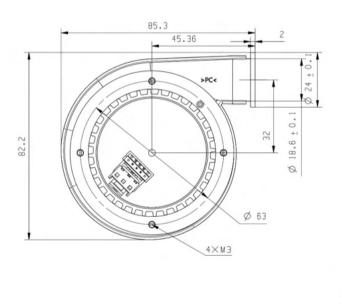


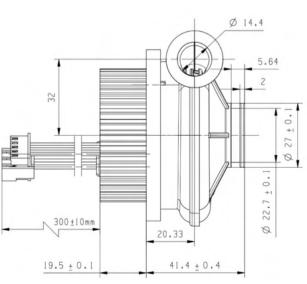
Item Name	C8009
Brand Name	ANCFLOW
Model Number	C8009-24V-1
Part Name	Brushless DC Blower
Rated Power (W)	156
Rated Voltage (V)	24
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	12.0kPa
max.Flow Rate	900LPM (54.0m³/h)
Rated Static Pressure	10.0kPa
Rated Flow Rate	353LPM (21.2m³/h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	85.3*82.2*60.9mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE, ISO10993
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





#### INTERFACE DRAWING







C80

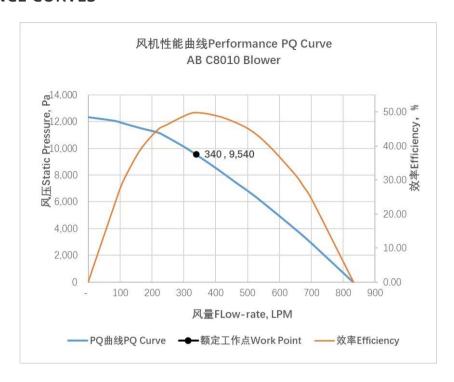
Motor Simplified Name

C8010

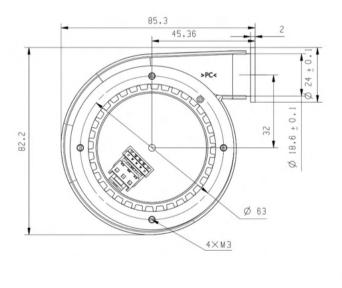


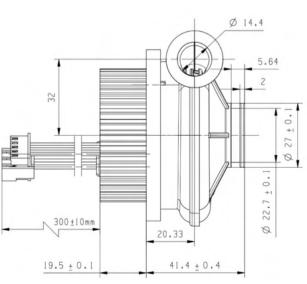
Item Name	C8010
Brand Name	ANCFLOW
Model Number	C8010-24/48V-1
Part Name	Brushless DC Blower
Rated Power (W)	108
Rated Voltage (V)	24/48
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	12.0kPa
max.Flow Rate	832LPM (49.9m³/h)
Rated Static Pressure	9.5kPa
Rated Flow Rate	340LPM (20.4m <sup>3</sup> /h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	85.3*82.2*60.9mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE, ISO10993
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





## INTERFACE DRAWING







C80

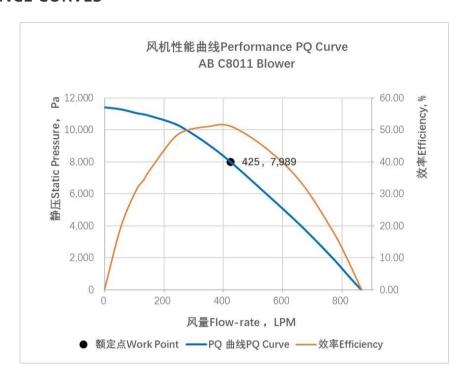
Motor Simplified Name

C8011

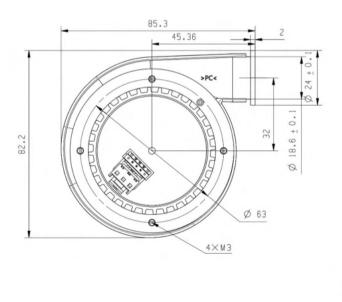


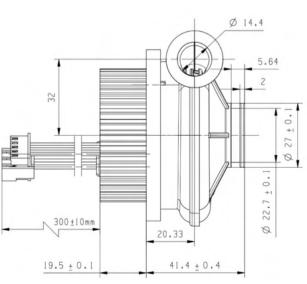
Item Name	C8011
Brand Name	ANCFLOW
Model Number	C8011-24V-1
Part Name	Brushless DC Blower
Rated Power (W)	99
Rated Voltage (V)	24
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	11.0kPa
max.Flow Rate	860LPM (51.6m³/h)
Rated Static Pressure	8.0kPa
Rated Flow Rate	425LPM (25.5m <sup>3</sup> /h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	85.3*82.2*60.9mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE, ISO10993
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





## INTERFACE DRAWING







C80

Motor Simplified Name

C8012

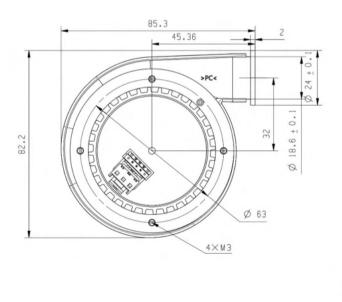


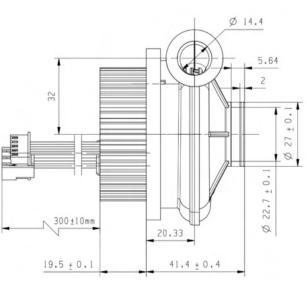
Item Name	C8012
Brand Name	ANCFLOW
Model Number	C8012-12/24/48V-1
Part Name	Brushless DC Blower
Rated Power (W)	96
Rated Voltage (V)	12/24/48
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	11.0kPa
max.Flow Rate	807LPM (48.4m³/h)
Rated Static Pressure	9.1kPa
Rated Flow Rate	310LPM (18.6m <sup>3</sup> /h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	85.3*82.2*60.9mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE, ISO10993
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





## INTERFACE DRAWING







C80

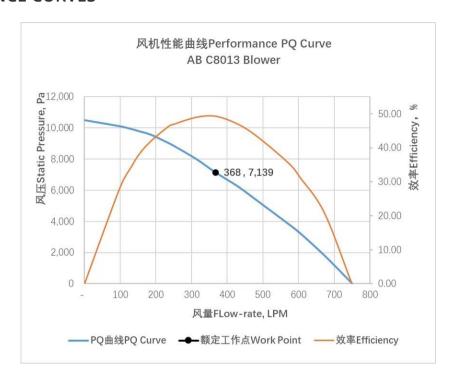
Motor Simplified Name

C8013

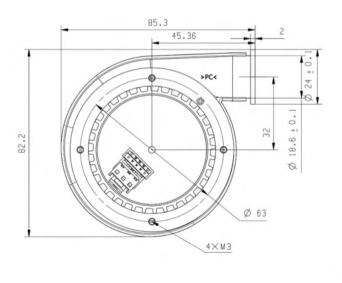


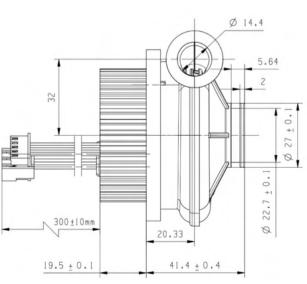
Item Name	C8013
Brand Name	ANCFLOW
Model Number	C8013-24V-1
Part Name	Brushless DC Blower
Rated Power (W)	92
Rated Voltage (V)	24
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	10.0kPa
max.Flow Rate	750LPM (45.0m³/h)
Rated Static Pressure	7.1kPa
Rated Flow Rate	368LPM (22.1m <sup>3</sup> /h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	85.3*82.2*60.9mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE, ISO10993
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





## INTERFACE DRAWING







C80

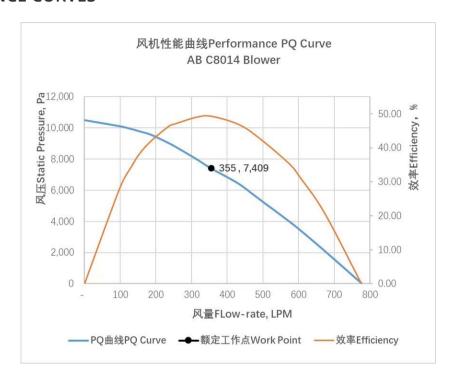
Motor Simplified Name

C8014

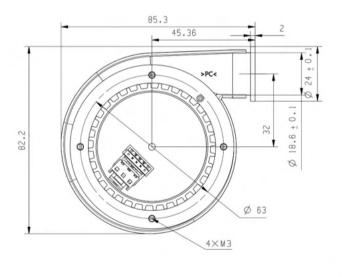


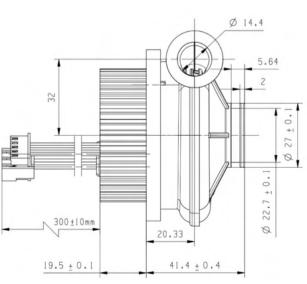
Item Name	C8014
Brand Name	ANCFLOW
Model Number	C8014-12/24/48V-1
Part Name	Brushless DC Blower
Rated Power (W)	90
Rated Voltage (V)	12/24/48
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	10.0kPa
max.Flow Rate	777LPM (46.6m³/h)
Rated Static Pressure	7.4kPa
Rated Flow Rate	355LPM (21.3m <sup>3</sup> /h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	85.3*82.2*60.9mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE, ISO10993
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





## INTERFACE DRAWING







C80

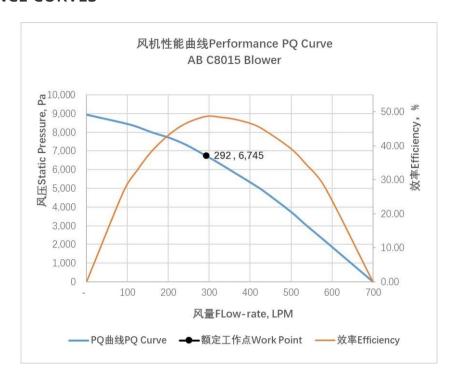
Motor Simplified Name

C8015

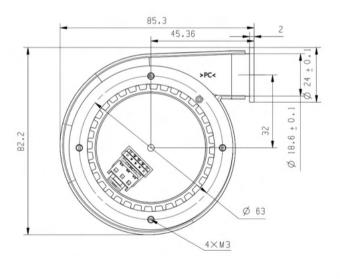


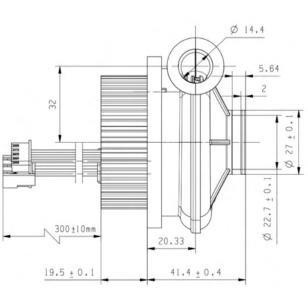
Item Name	C8015
Brand Name	ANCFLOW
Model Number	C8015-24V-1
Part Name	Brushless DC Blower
Rated Power (W)	72
Rated Voltage (V)	24
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	8.5kPa
max.Flow Rate	700LPM (42.0m³/h)
Rated Static Pressure	6.7kPa
Rated Flow Rate	292LPM (17.5m <sup>3</sup> /h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	85.3*82.2*60.9mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE, ISO10993
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





## INTERFACE DRAWING







C80

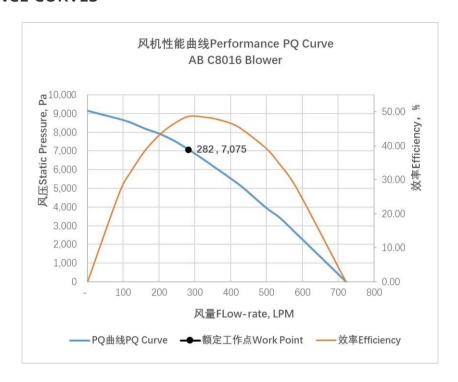
Motor Simplified Name

C8016

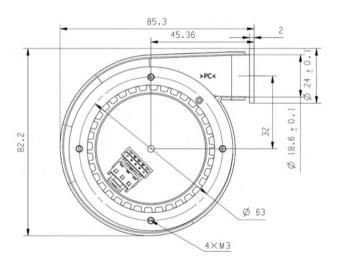


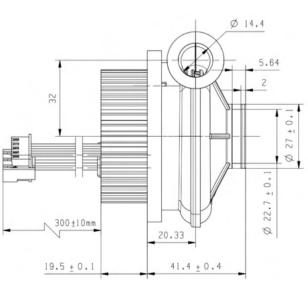
Item Name	C8016
Brand Name	ANCFLOW
Model Number	C8016-12/24/48V-1
Part Name	Brushless DC Blower
Rated Power (W)	70
Rated Voltage (V)	12/24/48
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	8.5kPa
max.Flow Rate	722LPM (43.3m³/h)
Rated Static Pressure	7.0kPa
Rated Flow Rate	282LPM (16.9m³/h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	85.3*82.2*60.9mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE, ISO10993
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





## INTERFACE DRAWING







C80

Motor Simplified Name

C8017

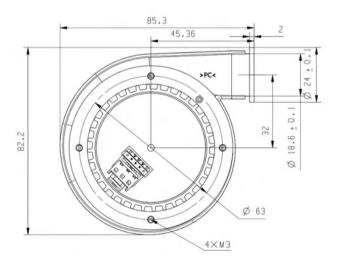


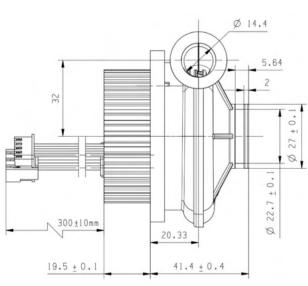
Item Name	C8017
Brand Name	ANCFLOW
Model Number	C8017-24V-1
Part Name	Brushless DC Blower
Rated Power (W)	62
Rated Voltage (V)	24
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	7.5kPa
max.Flow Rate	650LPM (39.0m <sup>3</sup> /h)
Rated Static Pressure	5.2kPa
Rated Flow Rate	310LPM (18.6m <sup>3</sup> /h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	85.3*82.2*60.9mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE, ISO10993
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





## INTERFACE DRAWING







C80

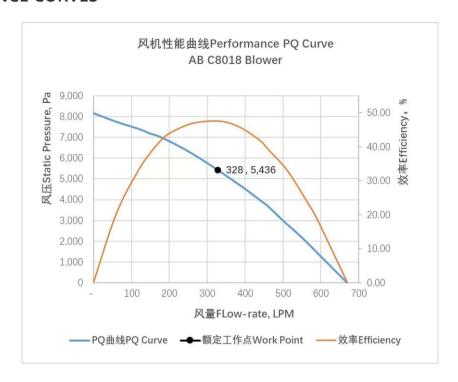
Motor Simplified Name

C8018

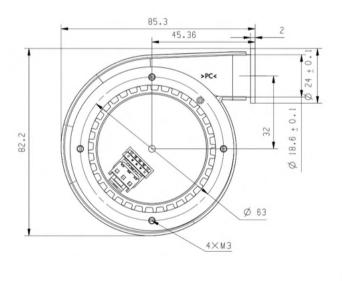


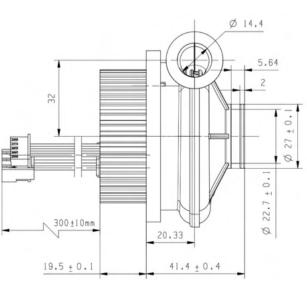
Item Name	C8018
Brand Name	ANCFLOW
Model Number	C8018-12/24/48V-1
Part Name	Brushless DC Blower
Rated Power (W)	60
Rated Voltage (V)	12/24/48
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	7.5kPa
max.Flow Rate	670LPM (40.2m <sup>3</sup> /h)
Rated Static Pressure	5.4kPa
Rated Flow Rate	328LPM (19.7m <sup>3</sup> /h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	85.3*82.2*60.9mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE, ISO10993
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





## INTERFACE DRAWING







C80

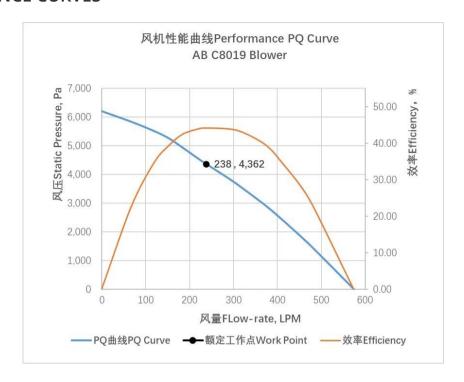
Motor Simplified Name

C8019

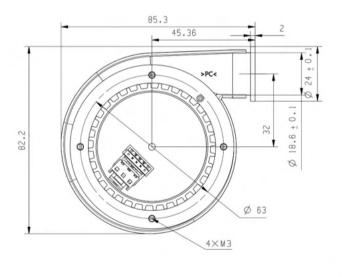


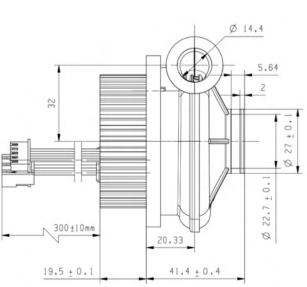
Item Name	C8019
Brand Name	ANCFLOW
Model Number	C8019-24V-1
Part Name	Brushless DC Blower
Rated Power (W)	41
Rated Voltage (V)	24
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	6.0kPa
max.Flow Rate	575LPM (34.5m <sup>3</sup> /h)
Rated Static Pressure	4.4kPa
Rated Flow Rate	238LPM (14.3m <sup>3</sup> /h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	85.3*82.2*60.9mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE, ISO10993
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





## INTERFACE DRAWING







C80

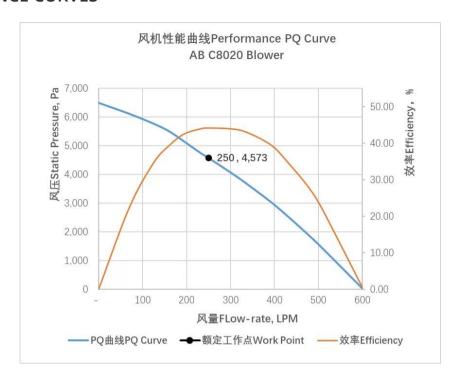
Motor Simplified Name

C8020

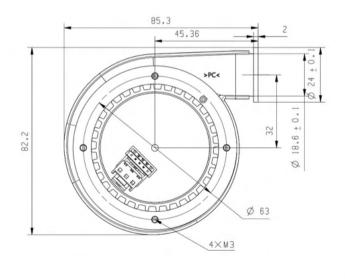


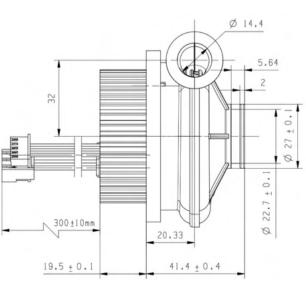
Item Name	C8020
Brand Name	ANCFLOW
Model Number	C8020-12/24/48V-1
Part Name	Brushless DC Blower
Rated Power (W)	41
Rated Voltage (V)	12/24/48
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	6.0kPa
max.Flow Rate	575LPM (34.5m <sup>3</sup> /h)
Rated Static Pressure	4.4kPa
Rated Flow Rate	238LPM (14.3m <sup>3</sup> /h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	85.3*82.2*60.9mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE, ISO10993
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





## INTERFACE DRAWING







C90

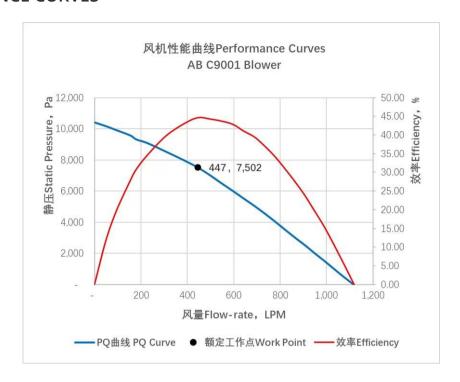
Motor Simplified Name

C9001



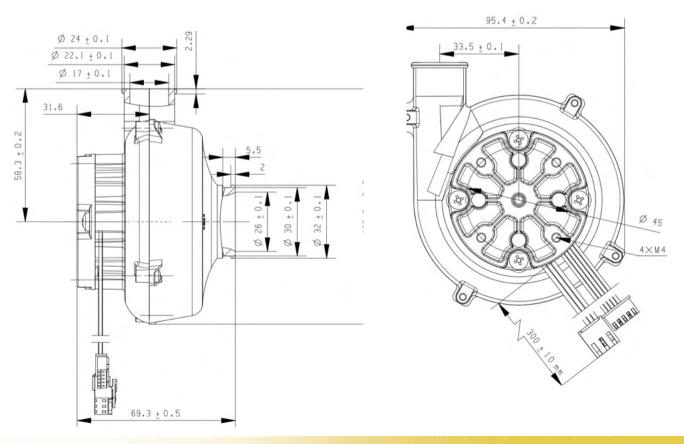
Item Name	C9001
Brand Name	ANCFLOW
Model Number	C9001-24V-1
Part Name	Brushless DC Blower
Rated Power (W)	135
Rated Voltage (V)	24
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	10.5kPa
max.Flow Rate	1,150LPM (69.0m³/h)
Rated Static Pressure	7.5kPa
Rated Flow Rate	447LPM (26.8m³/h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	103.2*95.4*69.3mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





## INTERFACE DRAWING

### C90-1/C90-2 Series





C90

Motor Simplified Name

C9002



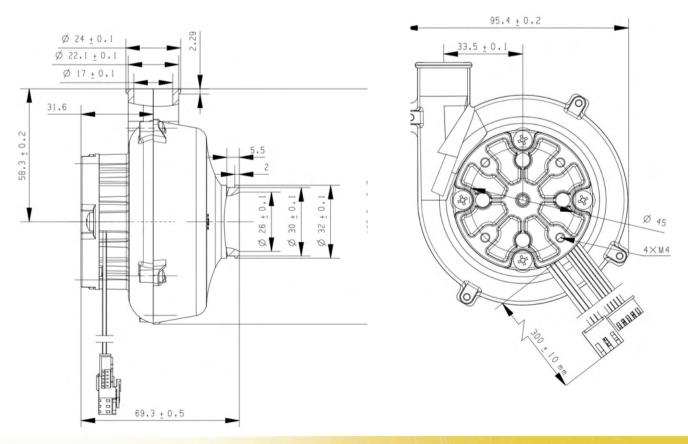
Item Name	C9002
Brand Name	ANCFLOW
Model Number	C9002-24/48V-1
Part Name	Brushless DC Blower
Rated Power (W)	135
Rated Voltage (V)	24/48
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	10.5kPa
max.Flow Rate	1,160LPM (69.6m³/h)
Rated Static Pressure	7.4kPa
Rated Flow Rate	502LPM (30.1m <sup>3</sup> /h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	103.2*95.4*69.3mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





## INTERFACE DRAWING

### C90-1/C90-2 Series





C90

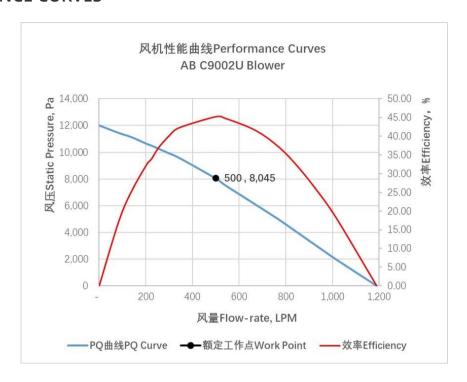
Motor Simplified Name

C9002U



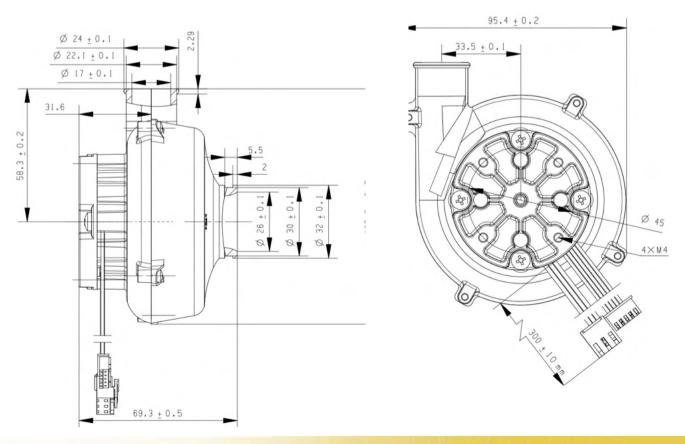
Item Name	C9002U
Brand Name	ANCFLOW
Model Number	C9002U-24V-1
Part Name	Brushless DC Blower
Rated Power (W)	145
Rated Voltage (V)	24/48
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	12.0kPa
max.Flow Rate	1,190LPM (71.4m³/h)
Rated Static Pressure	8.0kPa
Rated Flow Rate	500LPM (30.0m <sup>3</sup> /h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	103.2*95.4*69.3mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





### INTERFACE DRAWING

### C90-1/C90-2 Series





C90

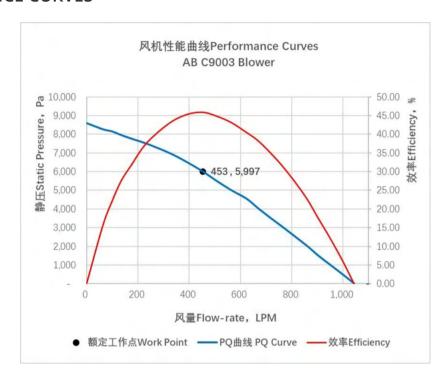
Motor Simplified Name

C9003



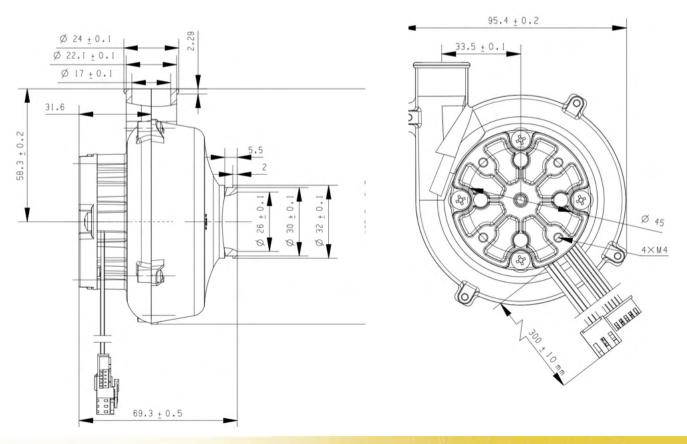
Item Name	C9003
Brand Name	ANCFLOW
Model Number	C9003-24V-1
Part Name	Brushless DC Blower
Rated Power (W)	99
Rated Voltage (V)	24
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	8.5kPa
max.Flow Rate	1,120LPM (67.2m³/h)
Rated Static Pressure	6.0kPa
Rated Flow Rate	453LPM (27.2m³/h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	103.2*95.4*69.3mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





### INTERFACE DRAWING

### C90-1/C90-2 Series





C90

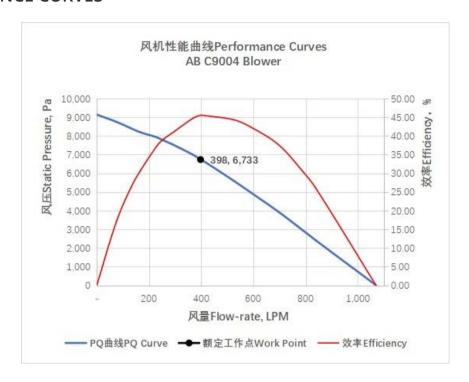
Motor Simplified Name

C9004



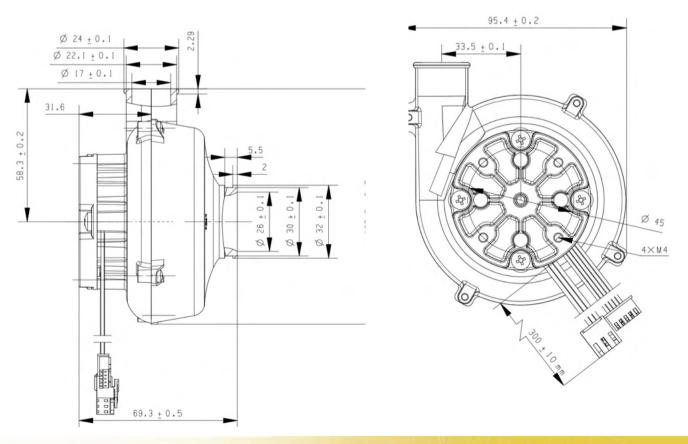
Item Name	C9004
Brand Name	ANCFLOW
Model Number	C9004-24V-1
Part Name	Brushless DC Blower
Rated Power (W)	95
Rated Voltage (V)	24
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	8.5kPa
max.Flow Rate	1,070LPM (64.2m³/h)
Rated Static Pressure	6.7kPa
Rated Flow Rate	398LPM (23.9m³/h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	103.2*95.4*69.3mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





### INTERFACE DRAWING

### C90-1/C90-2 Series





C90

Motor Simplified Name

C9005



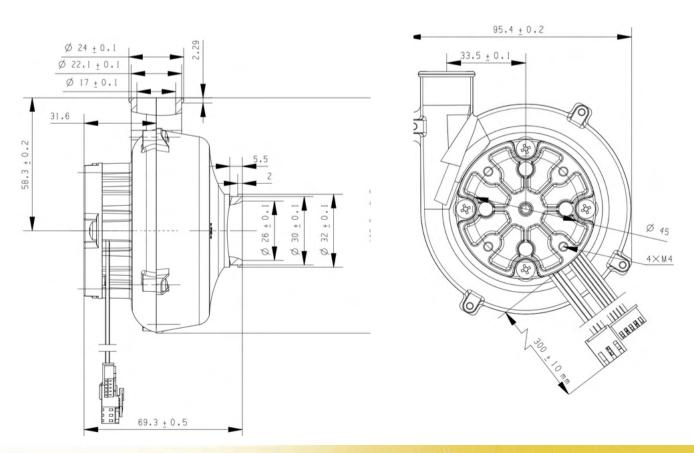
Item Name	C9005
Brand Name	ANCFLOW
Model Number	C9005-24V-1
Part Name	Brushless DC Blower
Rated Power (W)	82
Rated Voltage (V)	24
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	7.5kPa
max.Flow Rate	980LPM (58.8m³/h)
Rated Static Pressure	5.5kPa
Rated Flow Rate	408LPM (24.5m³/h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	103.2*95.4*69.3mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





## INTERFACE DRAWING

### C90-1/C90-2 Series





C90

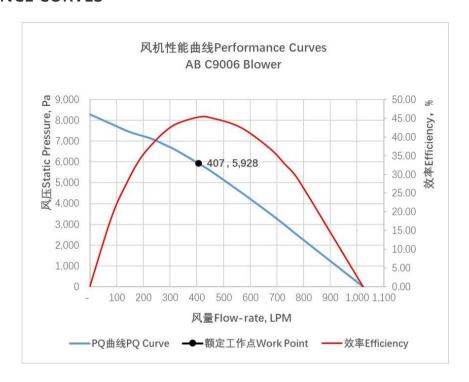
Motor Simplified Name

C9006



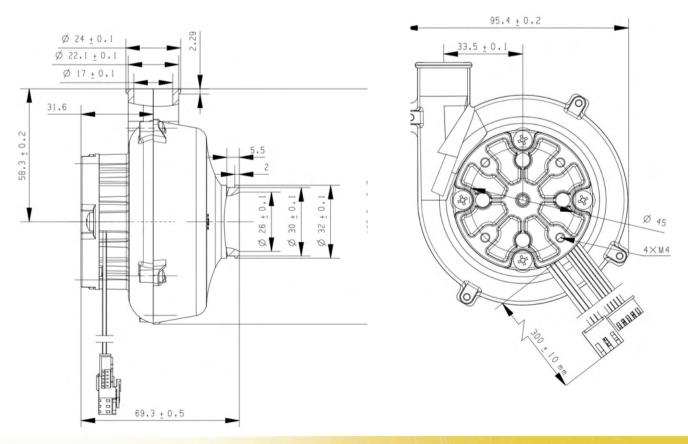
Item Name	C9006
Brand Name	ANCFLOW
Model Number	C9006-12/24/48V-1
Part Name	Brushless DC Blower
Rated Power (W)	85
Rated Voltage (V)	12/24/48
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	7.5kPa
max.Flow Rate	1.024LPM (61.4m³/h)
Rated Static Pressure	5.9kPa
Rated Flow Rate	407LPM (24.4m³/h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	103.2*95.4*69.3mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





### INTERFACE DRAWING

### C90-1/C90-2 Series





C90

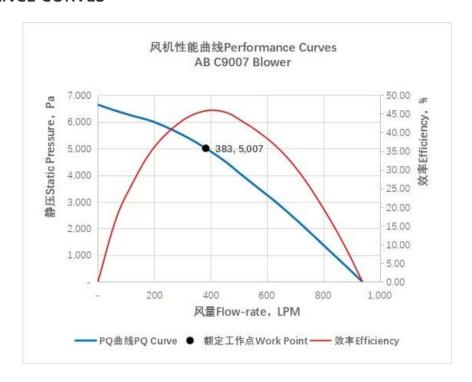
Motor Simplified Name

C9007

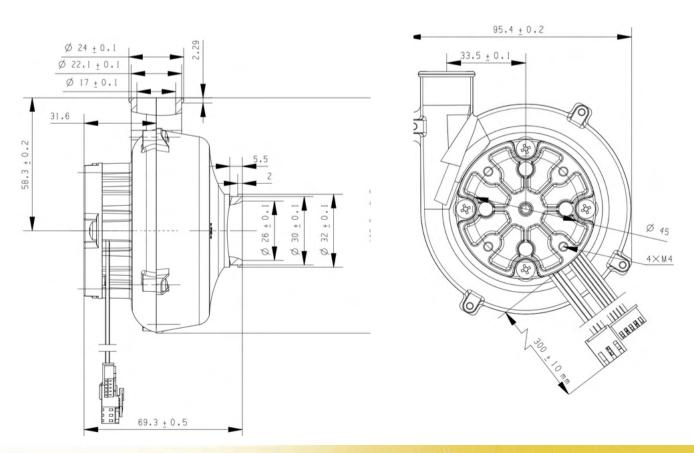


Item Name	C9007
Brand Name	ANCFLOW
Model Number	C9007-24V-1
Part Name	Brushless DC Blower
Rated Power (W)	70
Rated Voltage (V)	24
Power Supply Type	DC
Driver Layout	External
max.Static Pressure	6.5kPa
max.Flow Rate	930LPM (55.8m³/h)
Rated Static Pressure	5.0kPa
Rated Flow Rate	383LPM (23.0m³/h)
Temperature Range(ambient)	-20°C~+50°C
Humidity Range(ambient)	≤85%RH
Size	103.2*95.4*69.3mm
Service life (L10 at 40°C)	20,000h
Certification	RoHS, CE
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.





## INTERFACE DRAWING





C90

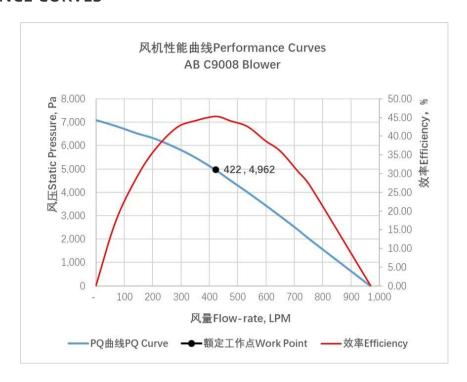
Motor Simplified Name

C9008

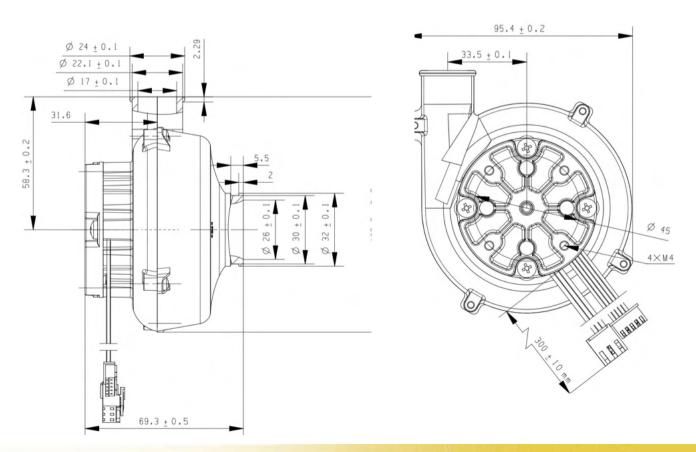


Item Name	C9008					
Brand Name	ANCFLOW					
Model Number	C9008-24V-1					
Part Name	Brushless DC Blower					
Rated Power (W)	75					
Rated Voltage (V)	12/24/48					
Power Supply Type	DC					
Driver Layout	External					
max.Static Pressure	6.5kPa					
max.Flow Rate	969LPM (58.1m³/h)					
Rated Static Pressure	5.0kPa					
Rated Flow Rate	422LPM (25.3m <sup>3</sup> /h)					
Temperature Range(ambient)	-20°C~+50°C					
Humidity Range(ambient)	≤85%RH					
Size	103.2*95.4*69.3mm					
Service life (L10 at 40°C)	20,000h					
Certification	RoHS, CE					
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.					





## INTERFACE DRAWING





C90

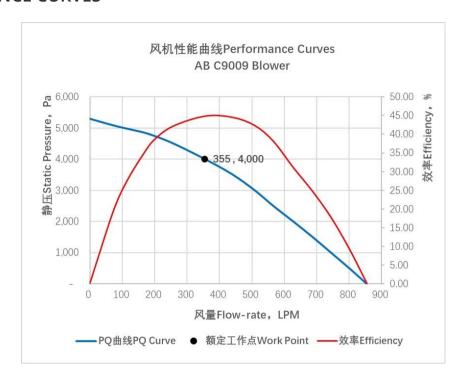
Motor Simplified Name

C9009

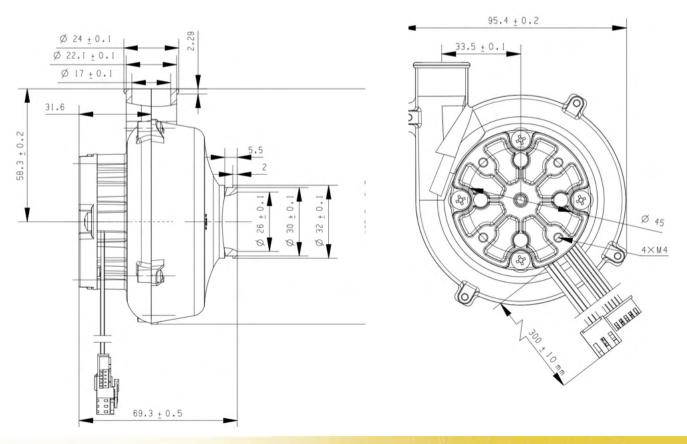


Item Name	C9009					
Brand Name	ANCFLOW					
Model Number	C9009-24V-1					
Part Name	Brushless DC Blower					
Rated Power (W)	53					
Rated Voltage (V)	24					
Power Supply Type	DC					
Driver Layout	External					
max.Static Pressure	5.0kPa					
max.Flow Rate	850LPM (51.0m³/h)					
Rated Static Pressure	4.0kPa					
Rated Flow Rate	355LPM (21.3m³/h)					
Temperature Range(ambient)	-20°C~+50°C					
Humidity Range(ambient)	≤85%RH					
Size	103.2*95.4*69.3mm					
Service life (L10 at 40°C)	20,000h					
Certification	RoHS, CE					
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.					





# INTERFACE DRAWING





C90

Motor Simplified Name

C9010

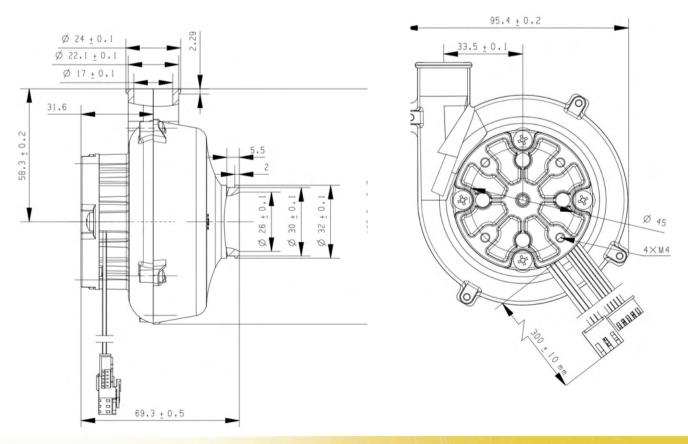


Item Name	C9010					
Brand Name	ANCFLOW					
Model Number	C9010-24V-1					
Part Name	Brushless DC Blower					
Rated Power (W)	50					
Rated Voltage (V)	24					
Power Supply Type	DC					
Driver Layout	External					
max.Static Pressure	5.0kPa					
max.Flow Rate	872LPM (52.3m <sup>3</sup> /h)					
Rated Static Pressure	4.0kPa					
Rated Flow Rate	383LPM (23.0m³/h)					
Temperature Range(ambient)	-20°C~+50°C					
Humidity Range(ambient)	≤85%RH					
Size	103.2*95.4*69.3mm					
Service life (L10 at 40°C)	20,000h					
Certification	RoHS, CE					
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.					





## INTERFACE DRAWING





S80

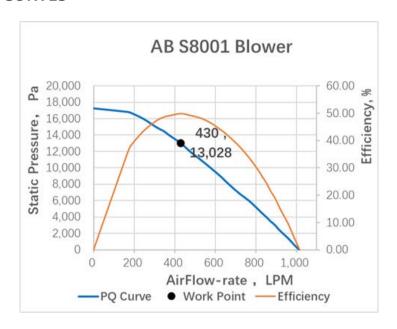
Motor Simplified Name

S8001-24V-1

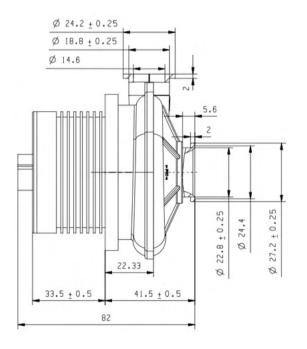


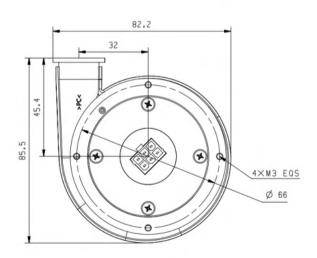
Item Name	S8001-24V-1						
Brand Name	ANCFLOW						
Model Number	S8001-24V-1						
Part Name	Brushless DC Blower						
Rated Power (W)	187						
Rated Voltage (V)	24						
Power Supply Type	DC						
Driver Layout	Integrated						
max.Static Pressure	17.0kPa						
max.Flow Rate	960LPM (57.6m³/h)						
Rated Static Pressure	13.0kPa						
Rated Flow Rate	430LPM (25.8m³/h)						
Temperature Range(ambient)	-20°C~+50°C						
Humidity Range(ambient)	10–85 % RH (no condensation)						
Size	82.2*85.5*82.0mm						
Service life (L10 at 40°C)	20,000h						
Certification	RoHS, CE						
Application Field	medical smoke removal equipment, ventilator, hydrogen fuel cell, cold chain sterilization equipment, disinfection and sterilization equipment, oxygen generator, dental equipment, negative pressure isolation chamber, PARR, moxibustion smoking, household fresh air system, temperature and humidity control, environmental monitoring equipment, gas detector, air cushion aerator, glove box, industrial smoke/dust removal equipment, liquid atomization, cooling and drying equipment, agricultural machinery, fishery aerator, etc.						





# INTERFACE DRAWING







**S145** 

Motor Simplified Name

S14502-220V-1



# PRODUCT PARAMETERS

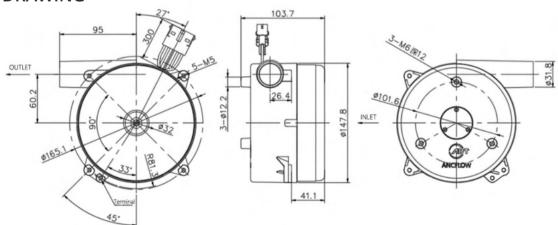
Product Model	Volt.	Frequency	Max. Static Pressure		Max. Air Flow		Max. Power Input	Max. Speed	Speed Control	Mass
	V	Hz	kPa	inH <sub>2</sub> O	m³/h	CFM	W	rpm	VDC	kg
S14502-220V-1	220	50/60	13.9	56	117.2	69	540	14500	0-10	1.9

# PERFORMANCE CURVES





# INTERFACE DRAWING





# **CERTIFICATES**

## INTERFACE DRAWING

CE Certificates



RoHS Certificates



REACH Certificates



ISO9001 QS Certificates

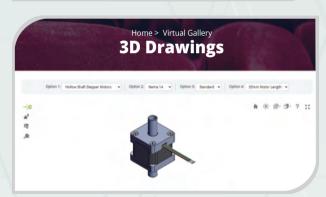


ISO 10993 Test Report













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