

Industrial portable fan

Product User Manual

Installation Video



42in:BB24OW-1D0A1 BB24OW-1D0A2

48in:BB24OW-1E0A1 BB24OW-1E0A2

Any question please feel free to contact us:
service@grandtunnel.com
We will provide further assistance within 24 hours

Important-Please read these instructions fully before starting assembly
Please read this manual carefully and keep it properly before use

PREFACE

Dear user

First of all, thank you for purchasing and using our company's industrial mobile large fan.

In order for you to better use our product, please read this user manual carefully before use;

For the safety of you and your family, please be sure to comply with the relevant regulations on the manual;

In order to protect your legitimate rights and interests, please keep the manual, warranty card, and purchase invoice properly.

If you have any questions during use, please contact us promptly.

Thank you again for choosing our product, which will make your life more comfortable and warmth!

Scope Of Application

Manufacturing industry: textile industry, mechanical manufacturing, ceramic manufacturing, chemical plants, metallurgy, hardware and leather, etc.

Processing industry: gold plating, electronics, shoemaking, printing, rubber and plastic, clothing factories, food packaging, etc.

Other industries: golf course, bakery, playground, hospital, toilet, school, passenger waiting room, supermarket, restaurant, kitchen, vegetable market, entertainment place, park, greenhouse, flower cultivation base, factory, etc.

Installment And Use

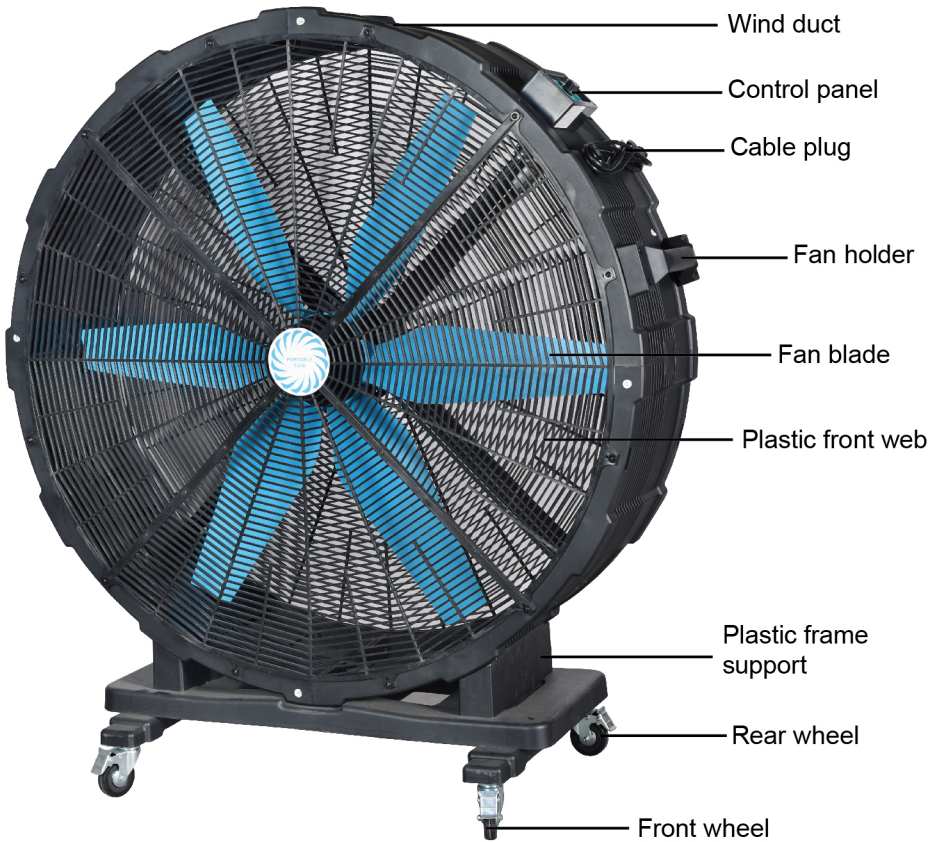
- 1: After unpacking, fix the castor brake of the product.
- 2: Press the Run button and click Work; Press the stop button to shut down the motor.
- 3: After connecting the power supply correctly, rotating the switch can adjust the air volume (turning the knob to the right can increase the air volume; turning the knob to the left can reduce the air volume)

Product Specifications

Technical Parameter

Product model	G-110	G-125
Air flow	22000m ³ / h	30000m ³ / h
Voltage frequency	120V/60Hz	120V/60Hz
Motor power	550W	750W
Maximum speed	300-600r/min	500r/min
Fan diameter	42 inches	48 inches
Air supplying distance	25-30m	35-40m
Product dimension	1100*550*1270mm	1250*550*1400mm
Net weight	30.4kgs	34.4kgs
Usable area	300-400m ²	400-500m ²
MADE IN CHINA		

Product Structure Diagram



Note













1. Power supply: The machine uses 110V/60Hz single-phase electricity.
2. When using a mobile large fan, please place it on a level ground and brake the casters tightly to avoid danger caused by machine displacement.
3. If the wires provided are damaged, they must be replaced by the manufacturer, agent, or professional technical personnel to avoid accidents.
4. Children must have someone around to supervise or ensure that they do not play with machines.

Warning

- It is strictly prohibited to insert foreign objects such as wooden or metal sticks into the air inlet or outlet, as it may cause serious damage to the product and pose a danger.
- Do not insert your fingers into the fan protective net.
- When the machine is running, if encountering abnormal noises, foreign objects inserted, and other special situations, the plug should be immediately unplugged and the power should be cut off.
- When plugging the power cord, do not directly pull the power cord, as it may cause the connection between the power cord and the plug to become loose and affect normal use.
- Prohibit outdoor use on rainy days.

► EACH PART NAME

Product: G-110/G-125

NO.	Picture	Part name	QTY
②		Plastic base Wind duct support PREinstall	1
③		Plastic wheel support	2
④		wheel with lock	4
⑤		Wind duct	3
⑤A		Wind duct with holes	1
⑥		120V motor	1
⑦		Motor bracket	4
⑧		Blade disk	1
⑨		Fan blade	6
⑩		Plastic cover of blade disk	1
⑪		Plastic cover of wind duct	3
⑫		Fan holder	1



► EACH PART NAME

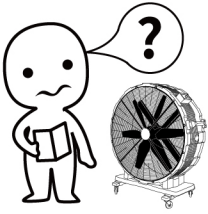
Product: G-110/G-125

⑬		Cable holder	2
⑭		Cable plug	1
⑮		Control box	1
⑯		Capacitor	1
⑰A		Capacitor fixer	1
⑰		Control box cover	1
⑱		Wire bar	1
⑲		Plastic front web	8
⑳		Screw 5*16	18
㉑		Screw 5*20	80
㉒		Screw 5*45	4
㉓		Flat washer M5	28
㉔		Nut M5	36
㉕		Bolt M6*60	6

▶ EACH PART NAME

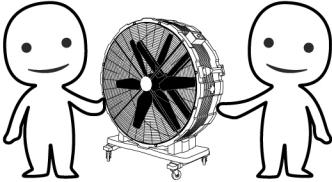
Product: G-110/G-125

②6		Flat washer M6	20
②7		Nut M6	14
②8		Bolt M8*20	24
②9		Flat washer M8	48
③0		Nut M8	24
③1		Bolt M6*16	8
③2		Bolt M5*12	32
③3		Self-tapping ScREW 4*14	10
③4		Cable tie	5
③5		Wire connector	3



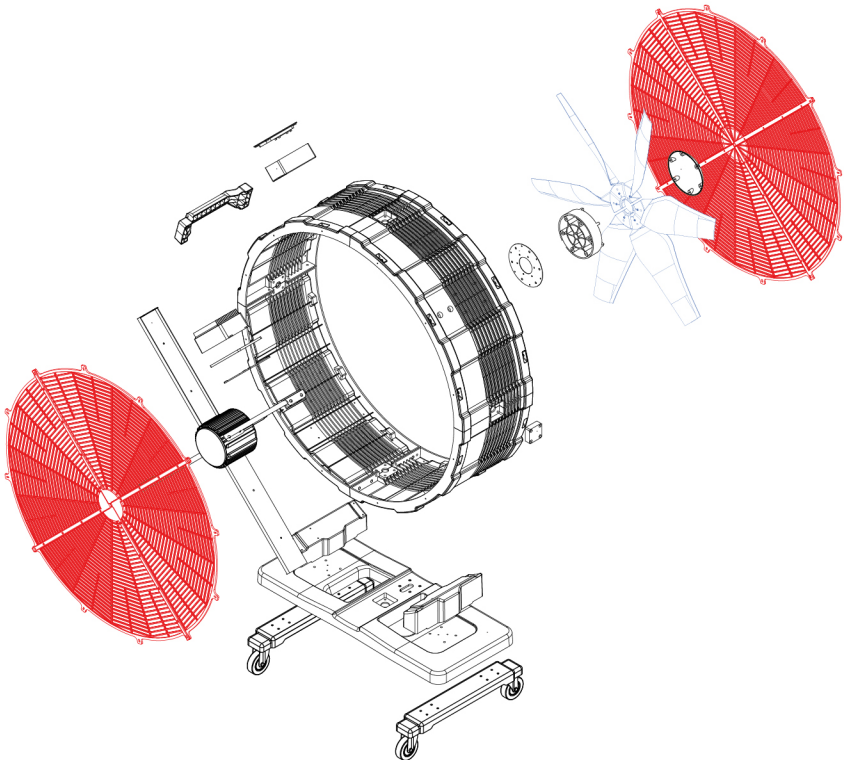
IMPORTANT INFORMATION!

please read the entire manual before starting to assemble and/or using this product. follow the manual thoroughly and keep it for further reference.



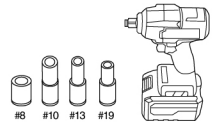
IMPROVE EFFICIENCY !

Try to find a partner to install with you, which can speed up the installation efficiency and shorten the time.

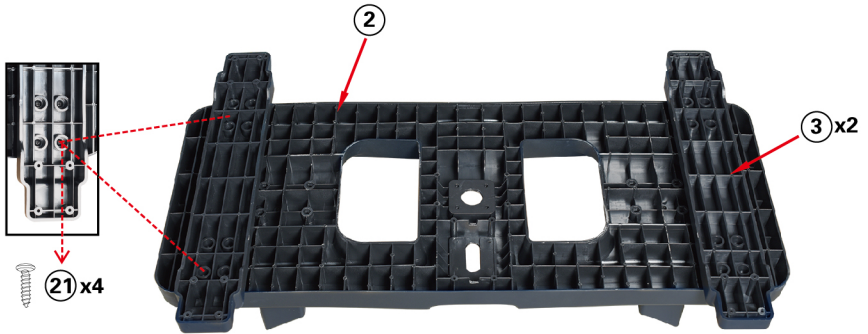


EXPLODED VIEW

TOOLS REQUIRED



STEP 1: Attached ③ Plastic wheel support to ② plastic base, (Using ②①-16pcs)



STEP 2: Attached ④ wheel with lock to ③ Plastic wheel support (Using ②①-16pcs)

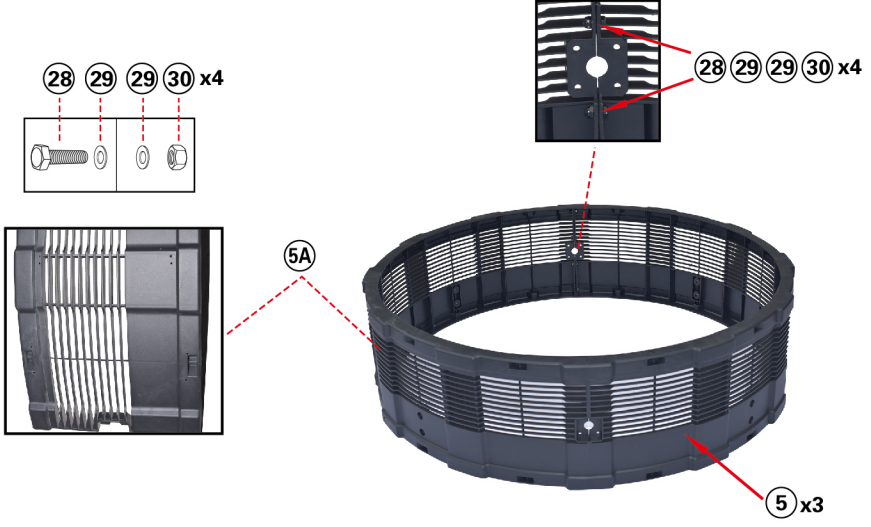


Notes: Lock the wheels before machine next assembly

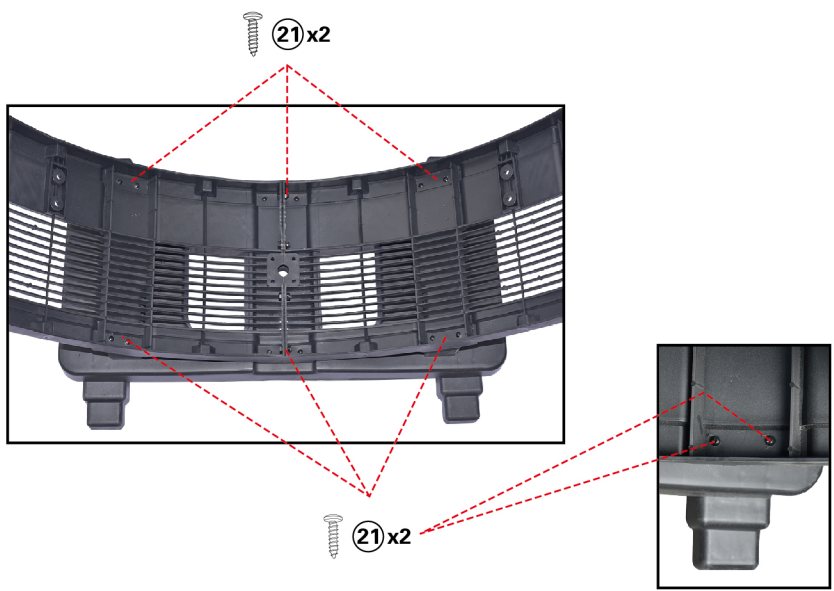
► ASSEMBLY INSTRUCTIONS

Product: G-110/G-125

STEP 3: Attached assembling (5) / (5A) wind duct (Using (28) -16pcs, (29) -32pcs, (30) -16pcs)



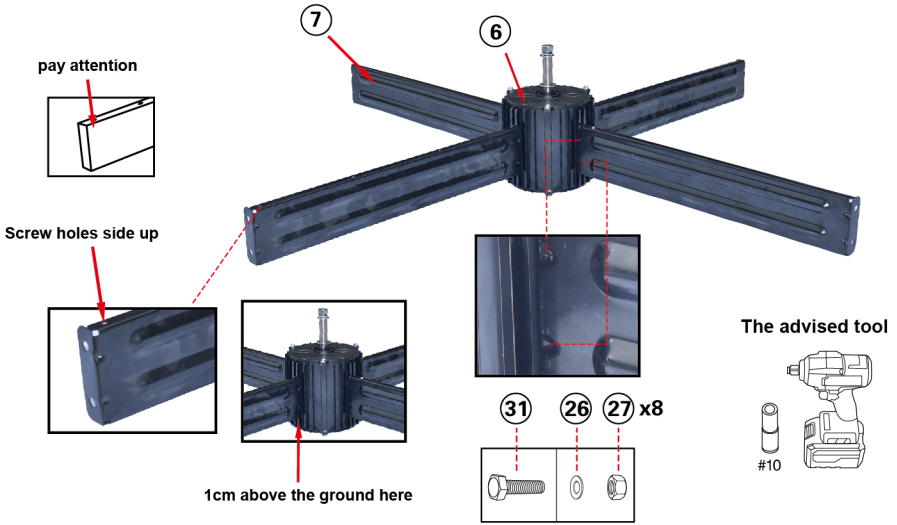
STEP 4: Attached assembled (5) / (5A) wind duct to the (2) assembled wind duct support (Using (21) -12pcs)



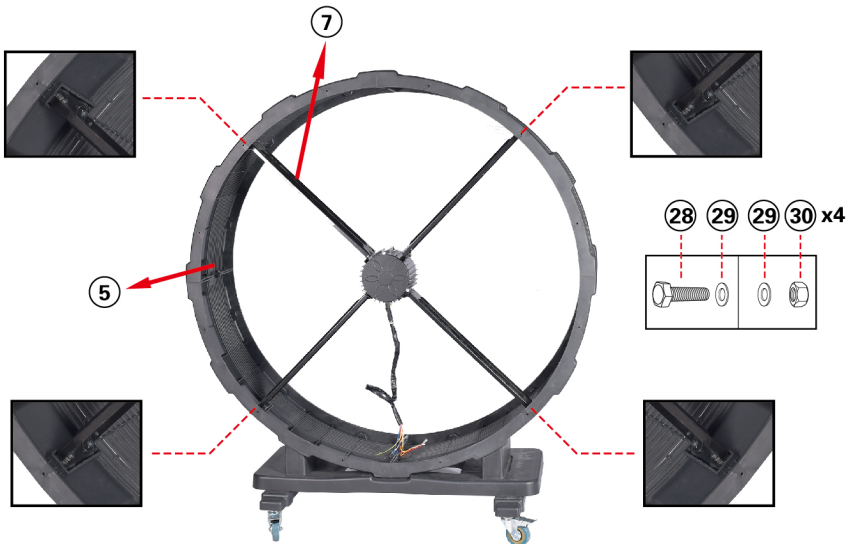
► ASSEMBLY INSTRUCTIONS

Product: G-110/G-125

STEP 5: Attached Assembling ⑦ motor bracket on ⑥ the motor, about 1cm higher from bottom (Using ③①-8pcs, ②⑥-8pcs, ②⑦-8pcs)



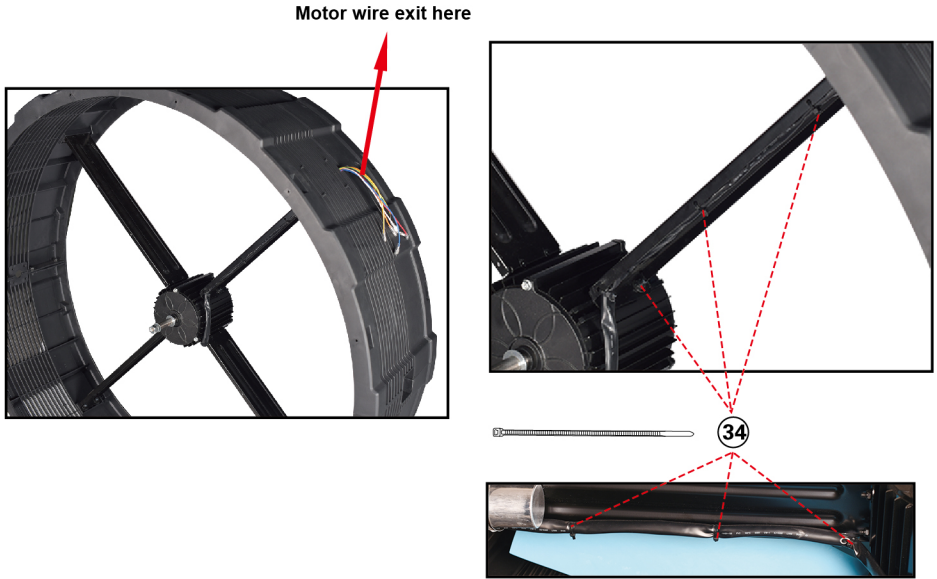
STEP 6: Attached ⑦ motor to ⑤ wind duct (Using ②⑧-8pcs, ②⑨-16pcs, ③①-8pcs)



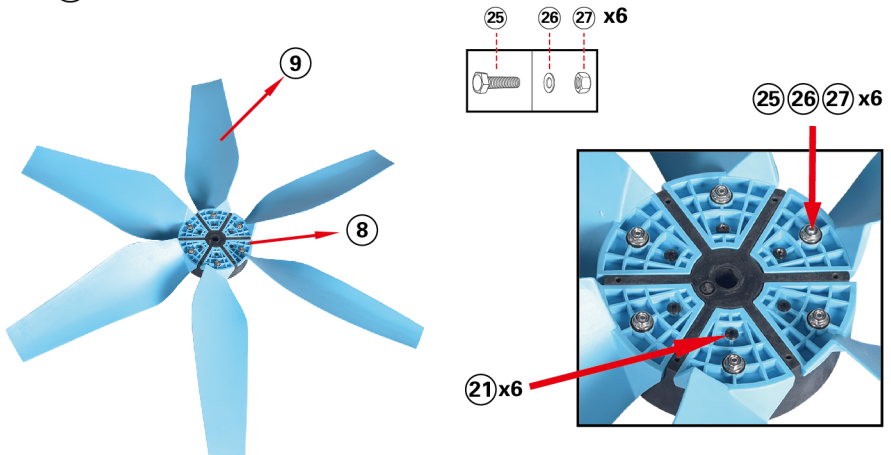
► ASSEMBLY INSTRUCTIONS

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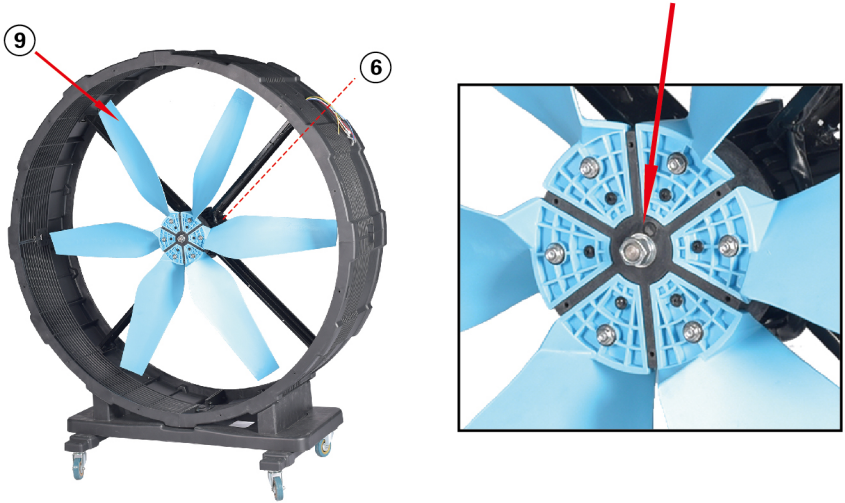
STEP 7: Attached fixed the motor wire (Using ③④-3pcs)



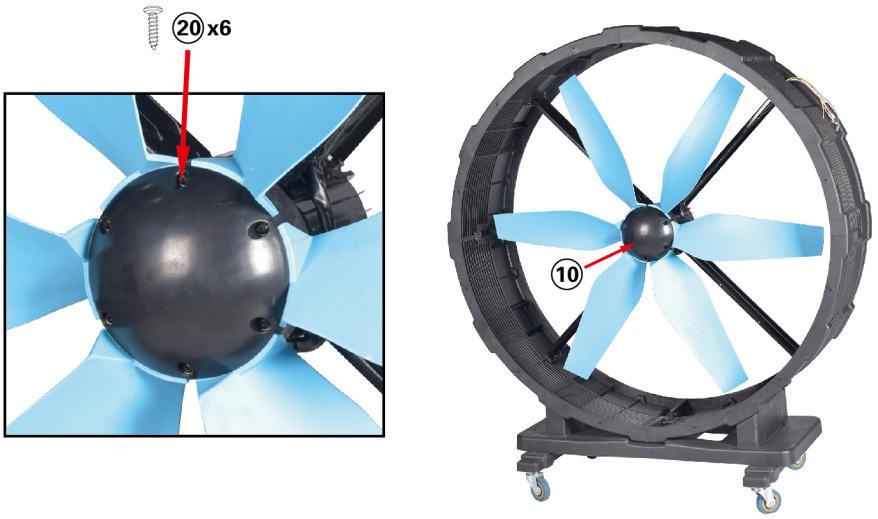
STEP 8: Attached ⑨ fan blade to ⑧ fan disk (Using ②①-6pcs, ②⑤-6pcs, ②⑥-6pcs, ②⑦-6pcs)



STEP 9: Attached assembled ⑨ fan blade to ⑥ motor (Using the screws of motor itself)

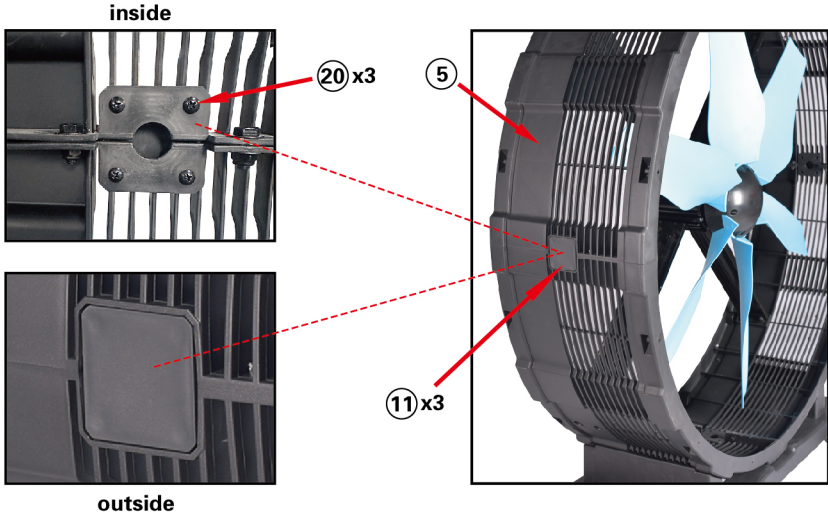


STEP 10: Attached ⑩ Plastic cover of blade disk to ⑧ blade disk (Using ⑳-6pcs)

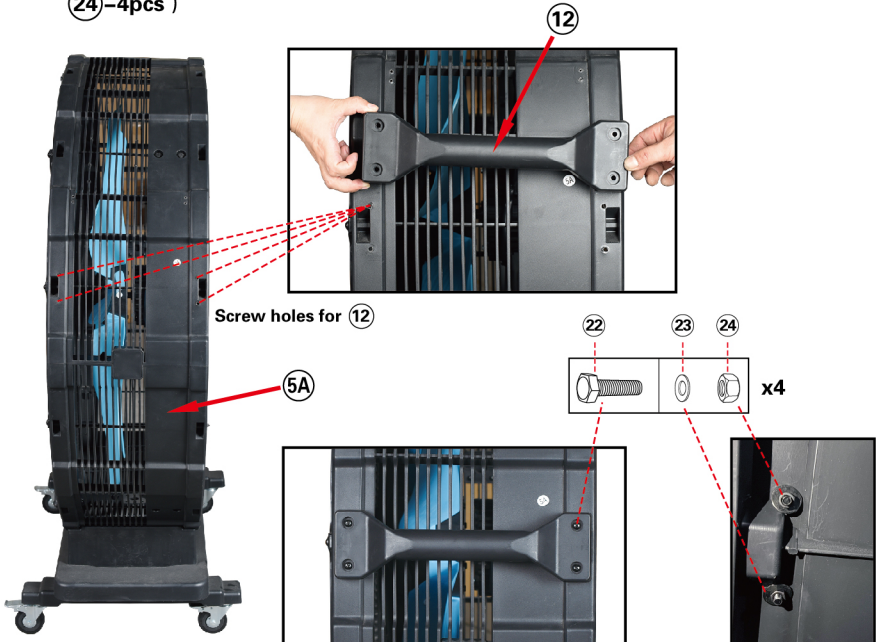


► ASSEMBLY INSTRUCTIONS

STEP 11: Attached 3pcs (11) Plastic cover of wind duct on the (5) wind duct on the top, left and right (Using (20)-12pcs)



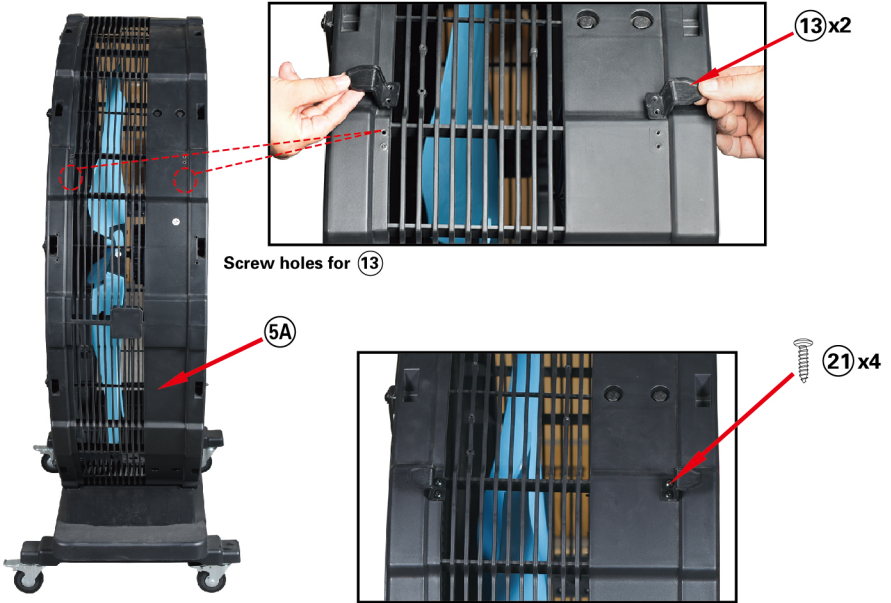
STEP 12: Attached holes, (12) Fan holder to (5A) wind duct (Using (22)-4pcs, (23)-4pcs, (24)-4pcs)



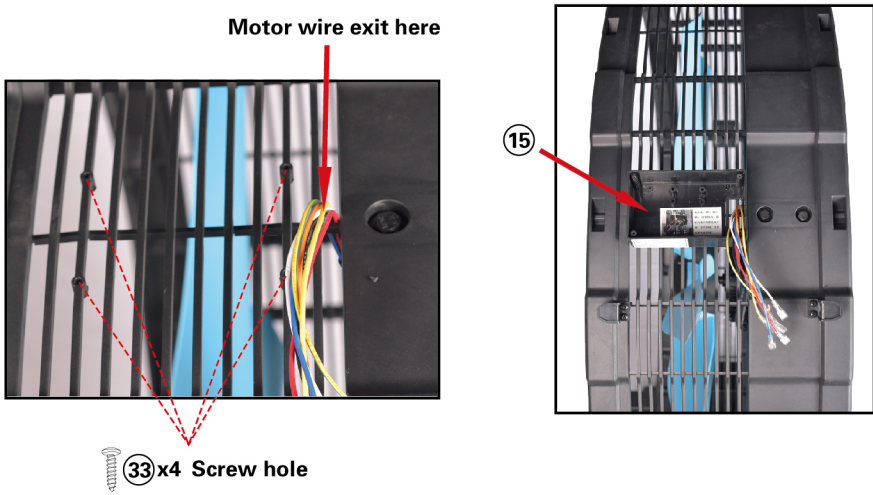
► ASSEMBLY INSTRUCTIONS

Product: G-110/G-125

STEP 13: Attached holes, (13) Cable holder to (5A) wind duct (Using (21) -4pcs)
(Non essential installation)



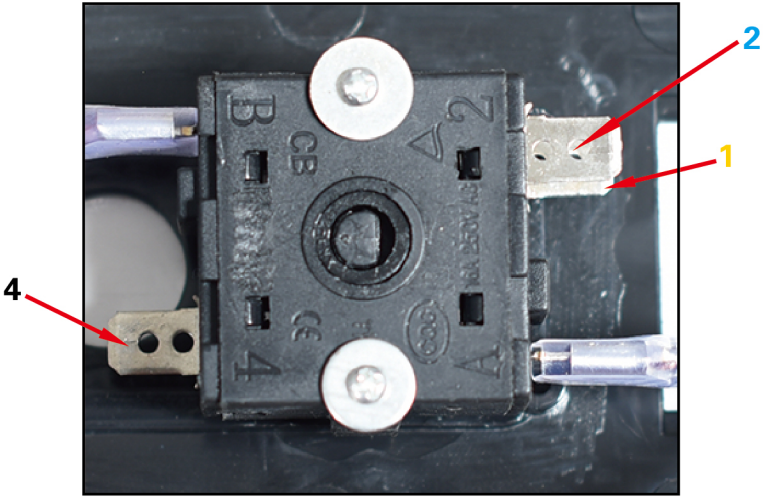
STEP 14: Attached (15) Control box to (5A) wind duct at the correct hole
(Using (33) -4pcs)



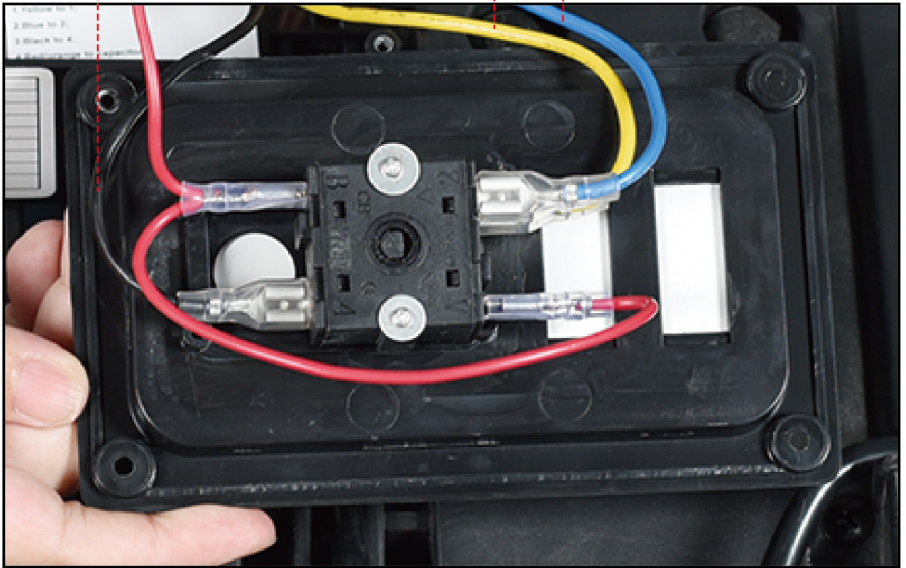
STEP 15: Attached wires connecting of (6) motor, (14) cable plug, (16) / (16A) capacitor, (15) control box and (17) control box cover as the below pics(Using (35)–3pcs, (34)–2pcs)

Complete Electrical Wiring Diagram





- a. Yellow motor wire to 1
- b. Blue motor wire to 2
- c. Black motor wire to 4





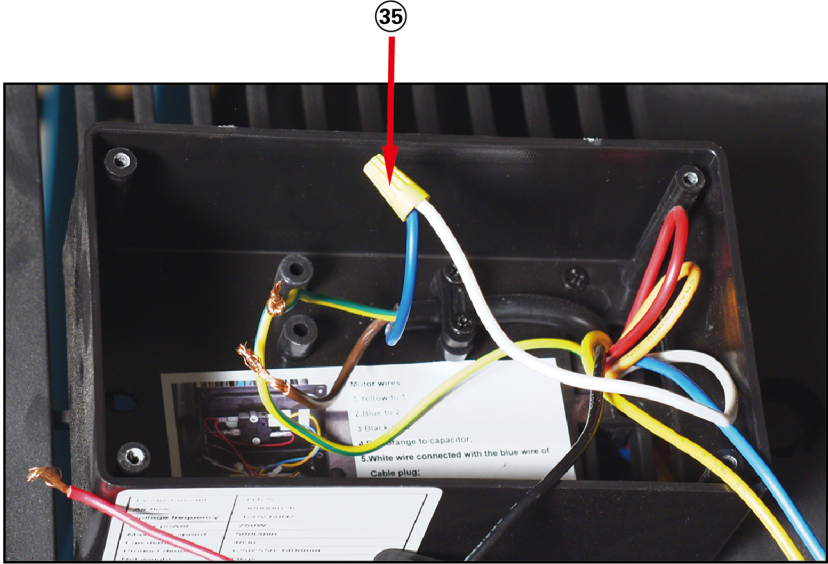
- e. Red motor wire to ⑩⑥
- f. Orange motor wire to ⑩⑥



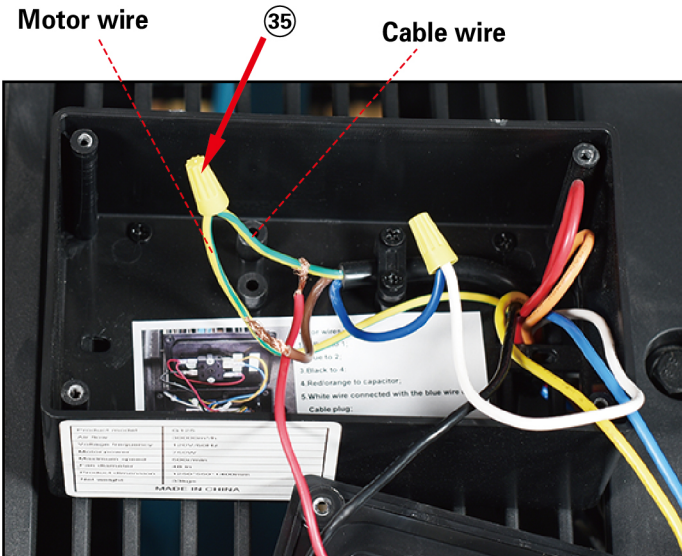
Attached ⑩⑥A to fix the ⑩⑥



g. White motor wire connected with the blue wire of (14) Cable plug;

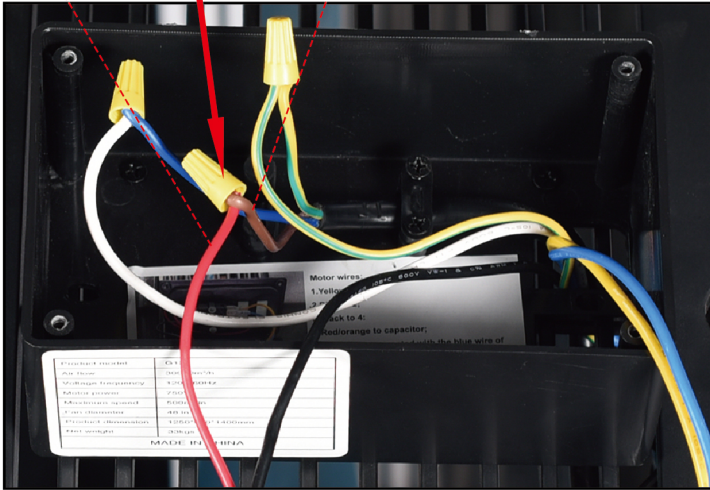


h. Two-colored wires connected;



i. Brown wire connected with the wire of switch

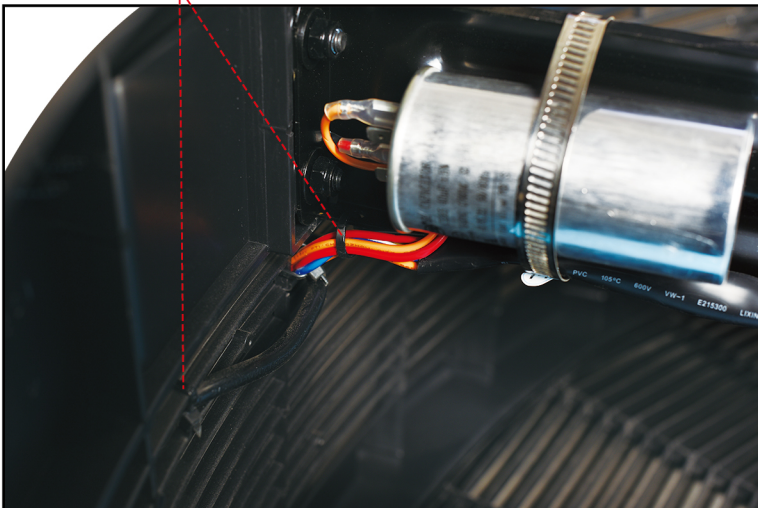
Wire of switch (35) Cable wire



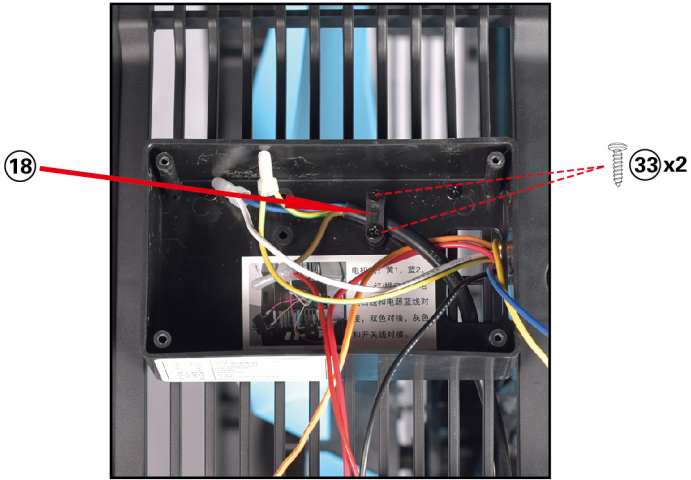
j. Use (34) to fix the capacitor wire and motor wire



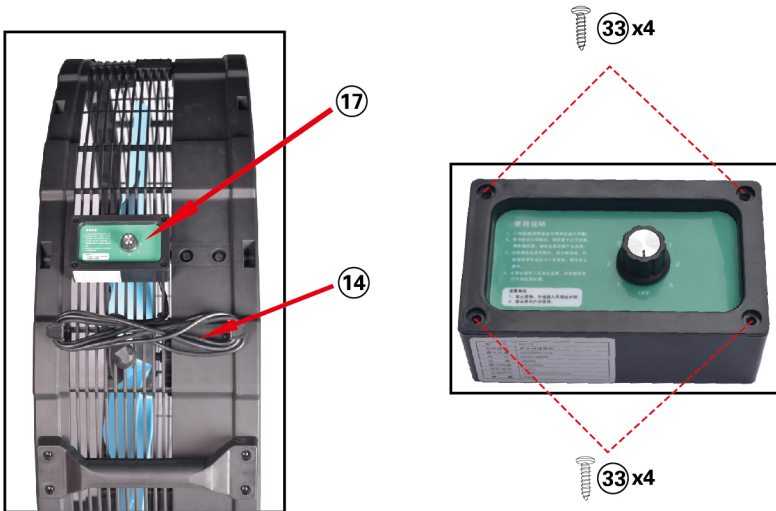
(34)x2



STEP 16: Attached (18) Wire bar to (15) control box (Using 33 –2pcs)



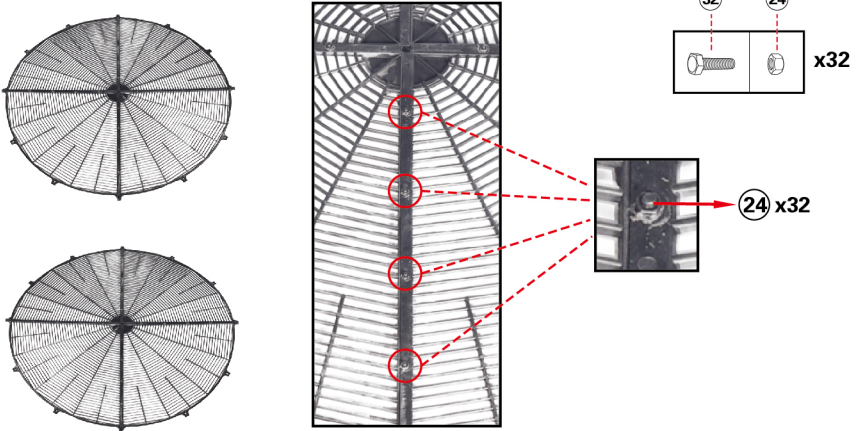
STEP 17: Attached fixing (17) Control box cover , (14) the cable plug to (13) the Cable holder (Using (33)–4pcs)



► ASSEMBLY INSTRUCTIONS

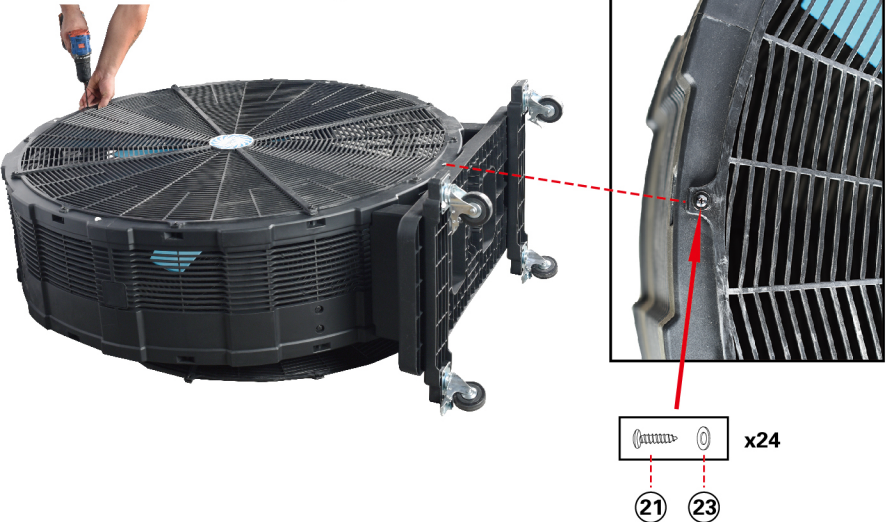
Product: G-110/G-125

STEP 18: Attached assembling 2sets/8 pcs of (19) plastic front web (using (32)–32pcs , (24)–32pcs)



STEP 19: Install the installed (19) front grille onto the (5) air duct (using (21)–24pcs, (23)–24pcs)

2PCS Front grills



Note: First tighten the screws to 75%, then complete final tightening to 100% after full assembly.



NOTICE: Please scan the QR code with your phone to watch a detailed installation video and make assembly easier.