MASTER®

THE PROFESSIONAL'S CHOICE SINCE 1953

HIGH VELOCITY FAN

User's Manual &
Operating Instructions

Model Numbers:

MAC-12F, MAC-20F, MAC-24DCT, MAC-30BCT

CONSUMER: READ AND SAVE THESE INSTRUCTIONS

IMPORTANT: Read and understand all of the instructions in this manual before assembling, starting, or servicing the fan. Improper use of this fan can cause serious injury. Keep this manual for future reference.

⚠ CAUTION For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors. Never use the fan in spaces which contain products such as gasoline, solvents, paint thinners, dust particles, volatile or airborne combustibles, or any unknown chemicals.

Safety Information

⚠ WARNING THIS IS A FAN - NOT A TOY! TO REDUCE THE RISK OF PERSONAL INJURY AND ELECTRIC SHOCK, FANS SHOULD NOT BE PLAYED WITH OR PLACED WHERE SMALL CHILDREN CAN REACH IT.

⚠ WARNING To guard against electric shock while operating, do not allow fan to come in contact with other grounded objects such as pipes, radiators, etc.

⚠ WARNING Risk of fire, electric shock, or personal injury when performing service or maintenance. Unplug or disconnect the fan from the power supply before servicing.

⚠ WARNING **CAUTION:** Automatically operated device - to reduce the risk of injury disconnect from power source before servicing.

⚠ WARNING To reduce the risk of fire or electric shock, do not use this fan with any solid- state speed control device.

⚠ WARNING To Reduce The Risk Of Electric Shock And Injury To Persons, Do Not Use In a Window.

⚠ WARNING Do not operate any fan with a damaged cord or plug. Discard fan or return to an authorized service facility for examination and/or repair. Do not run cord under carpeting. Do not cover cord with throw rugs, runner, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic areas and where it will not be tripped over.

⚠ **WARNING:** This product can expose you to chemicals, including lead and lead compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www. P65Warnings.ca.gov.

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NEVER LEAVE A FAN UNATTENDED WHILE OPERATING OR WHILE CONNECTED TO A POWER SOURCE

⚠WARNING To Reduce The Risk Of Electric Shock, Do Not Expose To Water Or Rain.This unit is designed for indoor use only.

⚠WARNING Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and regulations.

⚠WARNING When servicing or replacing a component requires the removal or disconnection of a safety device, the safety device is to be reinstalled or remounted as previously installed before operating this fan.

⚠WARNING Use this fan only in the manner intended by the manufacturer. If you have any questions, contact Customer Service at 800-641-6996.

- Before operating always check fan for loose or damaged parts. Inspect power cord for any damage. Never use fan if any parts are damaged or missing. Never use fan without safety guards attached.
- Operate only on 120 volt 60 Hz (cycle) current with a minimum of a 15 amp circuit.
- When used with an extension cord, use only a cord of proper size (Amp rating), UL listed, and with receptacle to accept three prong grounded plug furnished on the fan's power cord. Always keep power cord and extension cords away from heat, oil, and sharp edges. Inspect cords periodically and replace if damaged.
- To reduce the risk of fire, electric shock or injury to persons, do **NOT** use replacement parts that have not been recommended by the manufacturer (e.g. parts made at home using a 3D printer).

12" Floor Fan

12F



20" Floor Fan

20F



24" Barrel Fan

24DCT



30" Floor Fan

30BCT



Installation and Assembly

MAC-12F

1. Remove the packaging material from the fan control box.
2. Combine the two base tubes (A) with a screw (B), into a complete stand. See Figure 1.
3. Insert the base tube on the mounting screws. (D)
4. Tighten the outer nuts (C) to the fan base.

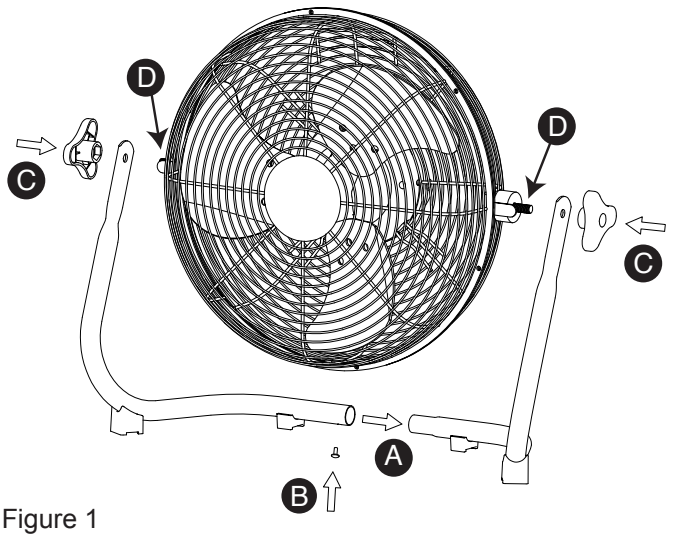


Figure 1

MAC-20F

1. Unpack the fan and remove all the parts from the package. Retain the packaging until assembly is complete. Take out the fan body and the accessory parts from the box.
2. Insert support bracket (A) into opening of cradle base (B). Press spring loaded button down to allow it to insert into cradle base. See Figure 2.
3. Press support bracket into cradle base until spring button protrudes out open hole in cradle base. See Figure 3.
4. Repeat above process for opposite side of fan.
5. Attach base to fan head with provided mounting screws (C) and adjustment knobs (D). See Figure 4.
6. Adjust the fan tilt angle and tighten the mounting screws (C) in place.
7. Place the fan on level ground in a safe, desired position then connect to an approved power source.

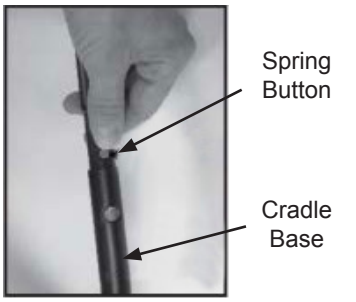


Figure 2

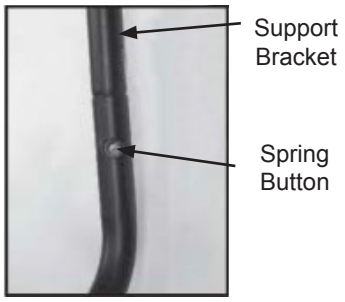


Figure 3

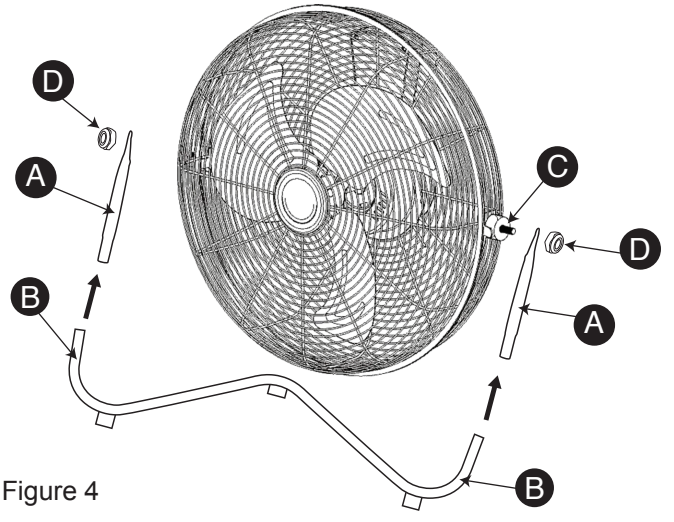


Figure 4

MAC-24DCT

1. Take out the all spare parts from box, fix the metal tube on the fan body. See Figure 5.
2. Install wheels(Fx2) on the two sides of short metal tube(Cx1), then fix it to the bend metal fan(Bx2). See Figure 6.
3. Install the long metal tube(Dx1) to the other side of bend metal tube. See Figure 7.
4. Insert the metal tubes into the metal base by pressing spring buttons. See figure 10. See Figure 8.

MAC-30BCT

1. Take out the all spare parts from box, fix the metal tube on the fan body. See Figure 5.
2. Install wheels(Fx2) to the on the two sides of short metal tube(Cx1), then fix it to the bend metal fan(Bx2), see Figure 6.
3. Install the long metal tube(Dx1) to the other side of bend metal tube, See Figure 7.
4. Insert the metal tubes into the metal base by pressing spring buttons. See figure 10. See Figure 8.
5. Press metal tube in to Metal base until spring button protrudes out open hole in metal tubes. See Figure 11.
6. Loosen the nut, fix the handle to the one side of fan body, tightening the nut. See Figure 9.

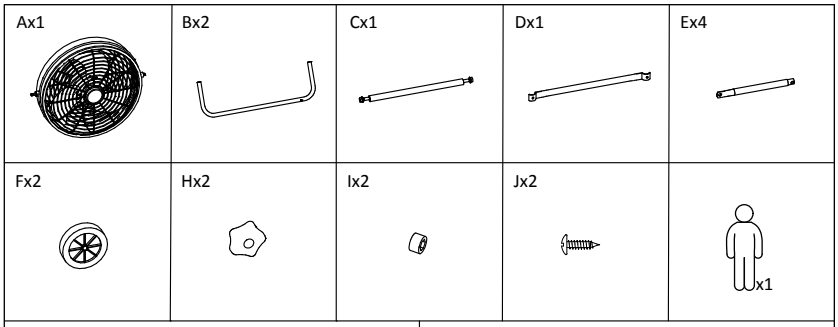


Figure 5

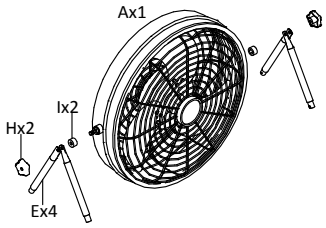


Figure 6

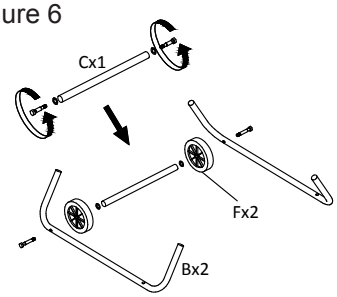


Figure 7

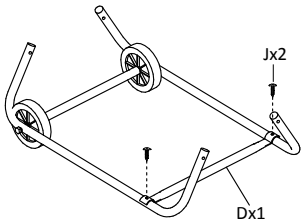


Figure 8

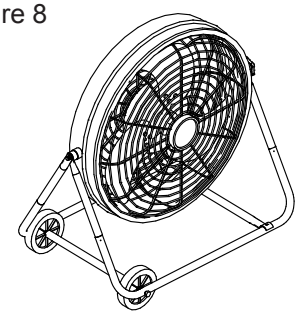


Figure 9

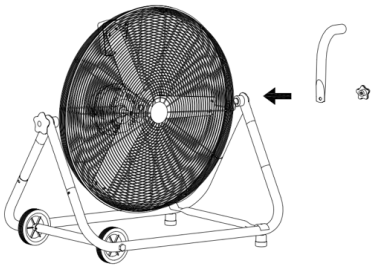


Figure 10

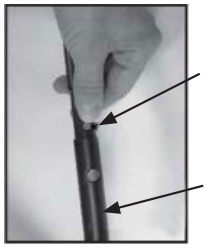
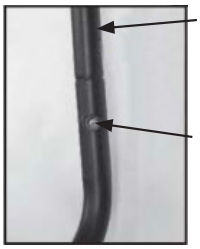


Figure 11



1 YEAR LIMITED WARRANTY

Pinnacle Climate Technologies, Inc. warrants this product to the original retail purchaser only, to be free from defects in material and workmanship for a period of one (1) year from the date of initial pur delivery chase. This product must be properly installed, maintained and operated in accordance with the instructions provided.

Pinnacle Climate Technologies, Inc. requires reasonable proof of your date of delivery from an authorized retailer or distributor. Therefore, you should keep your sales slip, invoice or cancelled check from the original purchase. This Limited Warranty shall be limited to the repair or replacement of parts, which prove defective under normal use and service within the warranty period, and which **Pinnacle Climate Technologies, Inc.** shall determine at its reasonable discretion.

This Limited Warranty does not cover any failures or operating difficulties due to normal wear and tear, accident, abuse, misuse, alteration, misapplication, improper installation or improper maintenance and service by you or any third party. Failure to perform normal and routine maintenance on the product, shipping damage, damage related to insects, birds or animals of any kind, and damage due to weather conditions are also not covered.
In addition, the Limited Warranty does not cover damage to the finish, such as scratches, dents, discoloration, rust or other weather damage, after purchase.

All transportation costs for the return of damaged product or parts will be the responsibility of the purchaser. Upon receipt of the damaged item, **Pinnacle Climate Technologies, Inc.** will examine the item and determine if defective. **Pinnacle Climate Technologies, Inc.** will repair or replace and return the item, freight pre-paid.

If **Pinnacle Climate Technologies, Inc.** finds the item to be in normal operating condition, or not defective the item will be returned freight collect. This Limited Warranty is in lieu of all other express warranties. **Pinnacle Climate Technologies, Inc.** disclaims all warranties for products that are purchased from sellers other than authorized dealers or distributors.

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Pinnacle Climate Technologies, Inc. does not authorize any person or company to assume for it any other obligation or liability in connection with the sale, installation, use, removal, return or replacement of its equipment, and no such representations are binding on **Pinnacle Climate Technologies, Inc.**

Always be sure to specify the model number and serial number when making any claim with **Pinnacle Climate Technologies, Inc.** For your convenience, use the space provided below to list this information.

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Date of Purchase: _____