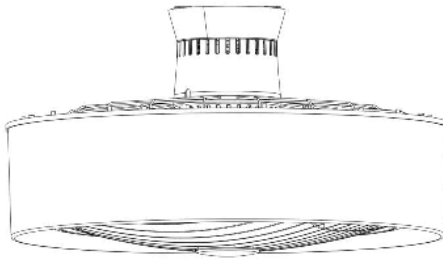




INSTRUCTION MANUAL



(This photo is for reference only; it does not mean you are purchasing an identical product.
Fan picture is for illustration purposes only. Styles may vary according to the model.)

Installation Manual, Rev 2.0

Models:

White: **MANH40WH**

Black: **MANH40BL**

CAUTION

Read Instructions Carefully
For Safe Installation and
Fan Operation

CONTENTS

- OVERVIEW
- MAIN TECHNICAL DATA
- PARTS
- ASSEMBLY
- OPERATION
- MAINTANANCE
- STORAGE AND DISPOSAL

THANK YOU FOR PURCHASING

Thank you for purchasing this quality Ventair cooling fan. To ensure correct function and safety, please read all instructions before using the product and keep all instructions for future reference.



WARNING

When using electrical appliances, basic safety precautions should always be followed to reduce the risk of fire, electrical shock and personal injury.

1. Use this fan only as described in this manual. Other use that is not recommended may cause fire, electric shock or injury to persons. This will also void your warranty.
2. Always operate the product from a power source of the same voltage, frequency and rating as indicated on the rating label.
3. This product is intended for indoor use ONLY. Do not use it outdoors or anywhere it might be exposed to the elements.
4. Under our warranty terms, this ceiling fan must be correctly installed by a licensed electrician. Improperly installed ceiling fans can be dangerous and expensive to repair; it will also void your warranty.
5. Before installing the fan, make sure you have turned off the main electricity supply. Do not turn it back on until the fan is fully installed and ready to use.
6. To protect against electric shock: do not immerse unit or cord in water or spray with liquids;
7. Do not use this product in the immediate vicinity of water, such as bathtubs, washbowls, swimming pools etc. where the likelihood of immersion or splashing could occur.
8. To reduce the risk of fire or electric shock, do not use this fan with any solid-state speed control device.
9. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
10. Means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules.
11. Ensure that the fan is switched off from the supply mains before removing the guard.
12. This product is not a toy! Children should be supervised to ensure that they do not play with the appliance.
13. Turn the fan OFF when not in use and before disassembling or cleaning. Fully assemble the fan before switching on again.
14. Do not operate the fan in the presence of explosive and/or flammable fumes.
15. Do not place the fan or any parts near an open flame, cooking or other heating appliance.
16. Do not operate fan with a damaged cord, or if the product malfunctions, or is dropped or damaged in any manner.
17. Avoid contact with moving fan parts. Do not insert any body parts (e.g. finger) or objects through the grille when the fan is operating.
18. The use of attachments not recommended by the manufacturer may be hazardous. Use only with the provided wall switch.
19. Do not operate if the fan housing is damaged.
20. Do not cover the grille, or operate in close proximity to curtains, etc. Ensure adequate ventilation around the unit.
21. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
22. If the fan is not working properly, contact a qualified technician for examination and repair. Never attempt to dismantle the fan yourself.
23. Do not leave the fan running unattended.
24. The fan must be fully and properly assembled before use.
25. Never install or store the unit where it could be subject to:
 - a. Heat sources such as radiators, heat registers, stoves or other products that produce heat
 - b. Direct sunlight
 - c. Mechanical vibration or shock
 - d. Excessive dust

26. That the replacement of parts of the safety suspension system device shall be performed by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

WARNING: If unusual oscillating movement is observed, immediately stop using the ceiling fan and contact the manufacturer, its service agent or similarly qualified persons.

27. For non-user replaceable light sources: the light source contained in this luminaire shall only be replaced by the manufacturer, its service agent or similarly qualified persons.

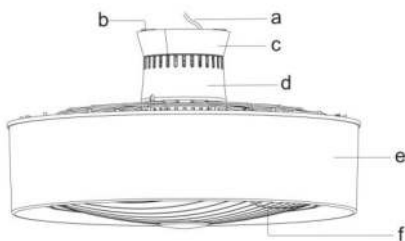
Caution: Risk of Electric Shock.



MAIN TECHNICAL DATA

Model No.:	MANH40BL & MANH40WH
Rated Voltage:	220-240V~ 50Hz
FAN Power Input:	71W
LED Power Input:	24W
Net Weight:	5.3KG
Dimension	DIA 570*328mm

PARTS AND ASSEMBLY



- a) Power input cord
- b) Main bracket
- c) Cupping assembly

- d) Motor housing
- e) LED lamp housing
- f) Louver

FAN ASSEMBLY



IMPORTANT

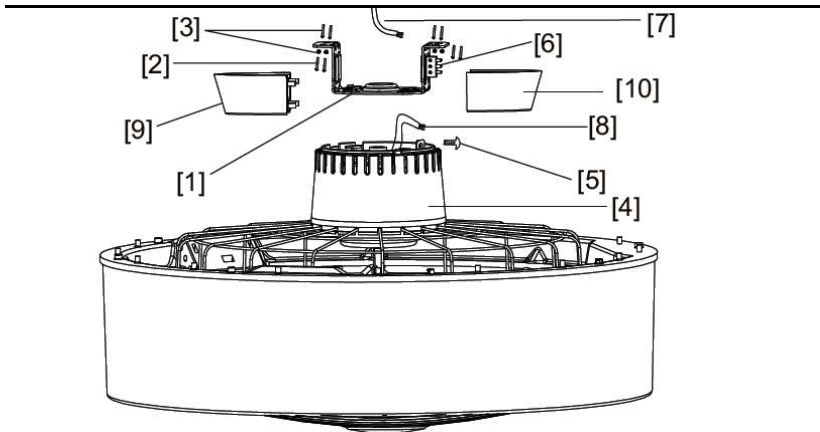
FAN INSTALLATION AND ELECTRICAL CONNECTION MUST BE DONE BY A LICENSED ELECTRICIAN.

IMPORTANT:

- This ceiling fan must be correctly installed by a licensed electrician. Improperly installed ceiling fans can be dangerous.
- The intended installation point (on the ceiling) must be strong enough to withstand the weight of the fan, as well as the strong forces during its movement (at least 4x the weight of the fan.)
- An additional disconnection switch must be included in the fixed wiring, in close proximity to the ceiling fan to isolate the source for maintenance or repairs.
- Clearances required: the fan must be installed at least 2100mm above the ground.



CEILING



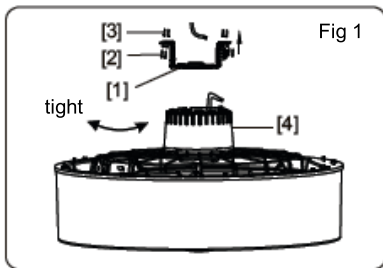
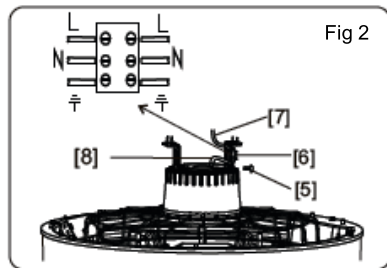
- | | |
|--|---------------------|
| 1. Metal bracket | 6. Terminal block |
| 2. Tapping screws M5x40 4pcs (for wood roof) | 7. Power input cord |
| 3. Expansion screw sets M6x60 4 sets (for concrete roof) | 8. Unit power cord |
| 4. Motor housing | 9. Male cupping |
| 5. Meson screw M4x12 | 10. Female cupping |



WARNING

BEFORE INSTALLING THE FAN, MAKE SURE YOU HAVE TURNED OFF THE MAIN ELECTRICITY SUPPLY.
DO NOT TURN IT BACK ON UNTIL THE FAN IS FULLY INSTALLED AND READY TO USE.

1. Fix the Metal bracket (1) to the ceiling with 4pcs tapping screws (2) or expansion screws sets (3) at both sides. Align the metal bracket (1) to the slot of motor housing (4) and turn it clockwise to have an initial assembly (Fig 1).
2. Fix the motor housing (4) to the metal bracket (1) tightly by a M4*12 meson screw (5). Insert the power input cord (7) from roof and unit power cord (8) to the terminal block (6) with a correct wire connection method (Fig 2).



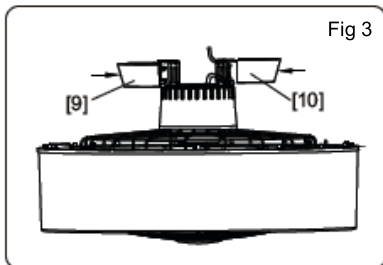
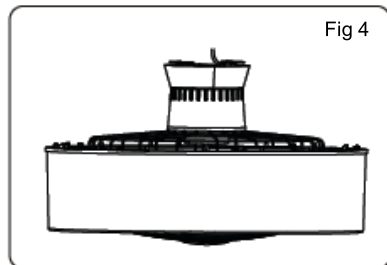
Power cord installation:

Brown wire connect with - L Live/Active

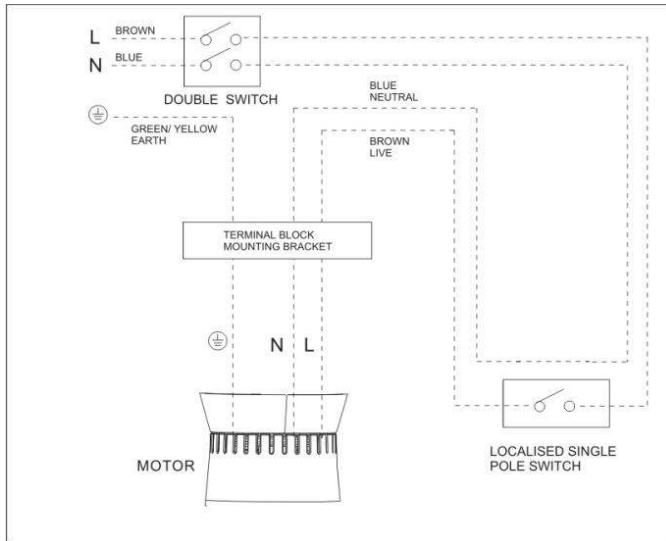
Yellow/Green wire connect with -  Earth

Blue wire connect with - N Neutral

3. Close the male cupping (9) and female cupping (10) to the main bracket (Fig 3).
4. Your enclosed ceiling fan is now finished being assembled (Fig 4).



Wiring Diagram of Isolation Switch



OPERATION

- This fan must be correctly installed by a licensed electrician. Improperly installed ceiling fans can be dangerous and expensive to repair; it will also void your warranty.
- Make sure that the fan is fully assembled (and that the grilles are in place and locked) before switching on.
- The input power cannot be controlled by the ordinary speed control switch. It can only be controlled by the general rocker switch (wall switch).

Mode switching by general rocker switch (Wall switch control):

1. Press the rocker switch once at "ON" status: LED light is turned on in Natural white, 100% brightness.
2. Press the rocker switch twice at "ON" status: Fan is turned on in high setting mode with 360° oscillation.
3. Press the rocker switch a third time at "ON" status: LED light is turned on in Natural white, 100% brightness, fan is turned on in high setting mode with 360° oscillation.

NOTE: these functions are only valid if switch is pressed within 3 seconds of each other.

Remote Control:

NOTE: Install 2 pieces of R03 1.5V AAA batteries (included) into the remote control handpiece.

1. LED light setting

	ON/OFF:	Switches LED Light 'ON' and 'OFF'
	LED +:	Increases brightness of the LED
	LED -:	Reduces brightness of the LED
	LED FULL:	(100%) Full brightness of LED
	Warm White:	Changes Light colour to Warm white (3000K)
	Cool White:	Changes Light colour to Cool white (6500K)
	NIGHT MODE:	1st press, changes light to Minimum Brightness/Warm white colour; 2nd press, turns off the light.

2. FAN setting

	ON/OFF:	Switches fan 'ON' and 'OFF' (starts on Lowest speed)
	SPEED:	Controls 'LOW' 'MEDIUM' 'HIGH' fan speeds
	1Hr - 4Hr TIMER:	1st press, 1 beep is heard after 3 seconds, 1 hr timer is set; 2nd press, 2 beeps are heard after 3 seconds, 2 hrs timer is set; 3rd press, 3 beeps are heard after 3 seconds, 3 hrs timer is set; 4th press, 4 beeps are heard after 3 seconds, 4 hrs timer is set; 5th press, 1 beep is heard after 3 seconds, cancel the timer setting. Note: repeat above steps to reset the timer function.
	OSC:	Press to start/stop 360° oscillation



3. Memory setting

Remembers your favourite setting

<div><div>M</div></div>	<div><div>MEMORY SETTING:</div></div>	<div>Switch Fan and Light to your favourite setting. Press and hold 'M' button for 5 seconds until 2 beeps are heard.This setting has now been saved to memory. To switch to your favourite setting at any time, during any other operation mode, press the 'M' button once.</div>
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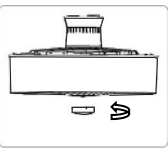
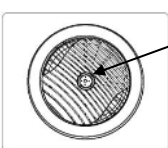
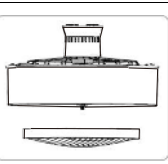
MAINTANENCE



WARNING

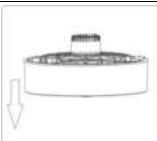
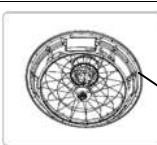
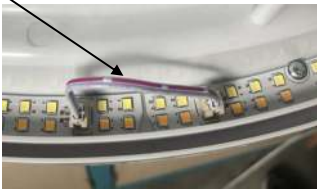
BEFORE REPAIRING THE FAN, MAKE SURE YOU HAVE TURNED OFF THE MAIN ELECTRICITY.

1. Disassemble the louver

<div></div>	<div>Loosen and remove the cover disc in the centre of the louver by screwing counter clockwise by hand.</div>
<div></div>	<div>Remove the 4 screws in the middle of the louver using a phillips head screwdriver.</div>
<div></div>	<div>Take out the louver for cleaning or replacing. Apply the same method to re-assemble the louver.</div>

2. Replacing the LED light strips.

Note: Remove the louver to replace LED (Refer to previous pages).
This should be correctly performed by a licensed electrician.To access the LED chip/strip, more parts are removed which may expose electrical live parts.

	<p>Remove the 6 screws located on the top of the LED lamp housing.</p>
	<p>Remove LED lamp cover.</p>
	<p>To replace the LED lamp, disconnect the terminals of the LED lamp bar, and take out the screws.</p> <p>After replacing the LED lamp, apply the same method to assemble the unit.</p> 

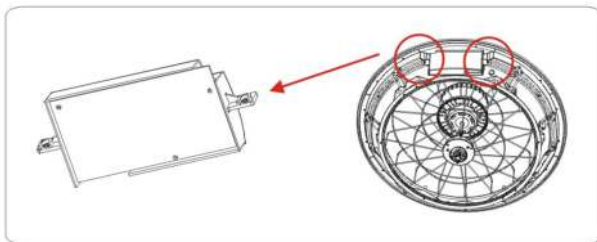
3. Replace the main PCB board.

Note: Remove the louver and LED lamp cover. (Refer to previous pages)

This should be correctly performed by a licensed electrician. To access the LED chip/strip and driver, more parts are removed which may expose electrical live parts.

To replace the main PCB board, disconnect the terminals of the PCB board, and take out the screws.

After replacing the main PCB board, apply the same method in reverse to assemble the unit.



Electrical connection:

Quick connect as below.



CLEANING, STORAGE AND DISPOSAL

Before cleaning, turn the unit off, cut off the power supply from electrical outlet and wait for the unit to cool down.

- To clean the unit, use a soft cloth to wipe off any dust.
- Do not try to open the unit without a licensed electrician. Improperly installed units can be dangerous.
- Have your product repaired by a licensed electrician.
- This product is in accordance with the relevant safety requirements. Repairs should only be carried out by licensed electricians using original spare parts, otherwise this may result in considerable danger to the user.
- For any aftersales requirements please refer to enclosed warranty card.

If you do not plan to use the fan for extended periods of time, it is recommended that it is cleaned and stored (preferably in its original packaging) in a cool, dry place.



Do not dispose of electrical products with household waste. Please check with your local council for advice on disposal or recycling. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

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