

 **Mórgan®**

Market Expansion
Services by
www.dksh.com.my



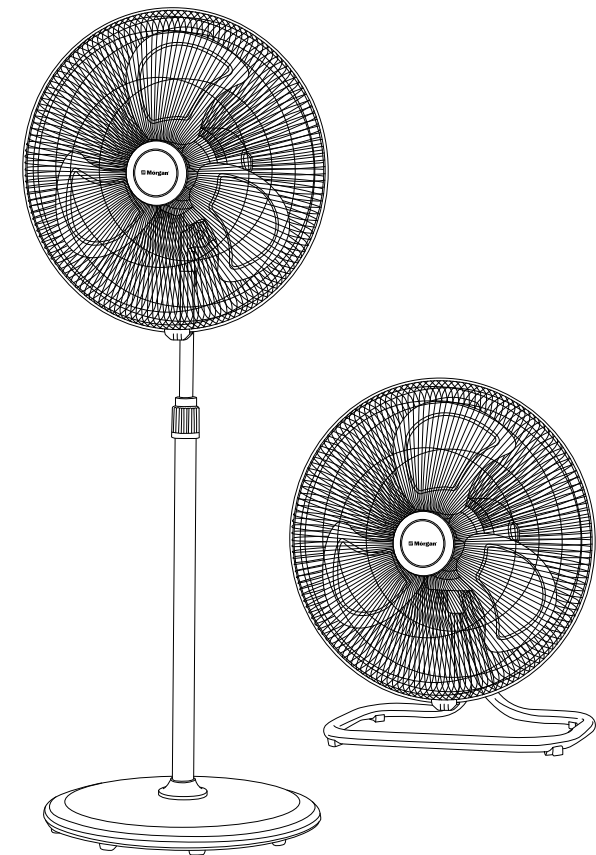
DKSH

E-mail: electrical.appliance@dksh.com
www.morgan.my

 facebook.com/morganappliances

 **Mórgan®**

USER MANUAL



Industrial Fan

**MSF-20MI1
MFF-20MI2**

OPERATION INSTRUCTIONS

- Set your fan on a level dry surface.
- Insert the power cord into 220-240V volley AC power supply.
- Your high velocity fan features 4 speeds designed to give you maximum flexibility and to meet all your air circulation requirements, from low to med speed. These settings can be used for most of your needs. However when you want to have maximum air movement, use the high setting. Select the desired speed for your needs by using the rotary control switch.
- Adjust to your desired air stream by tilling the fan assembly to the required position.

TROUBLESHOOTING

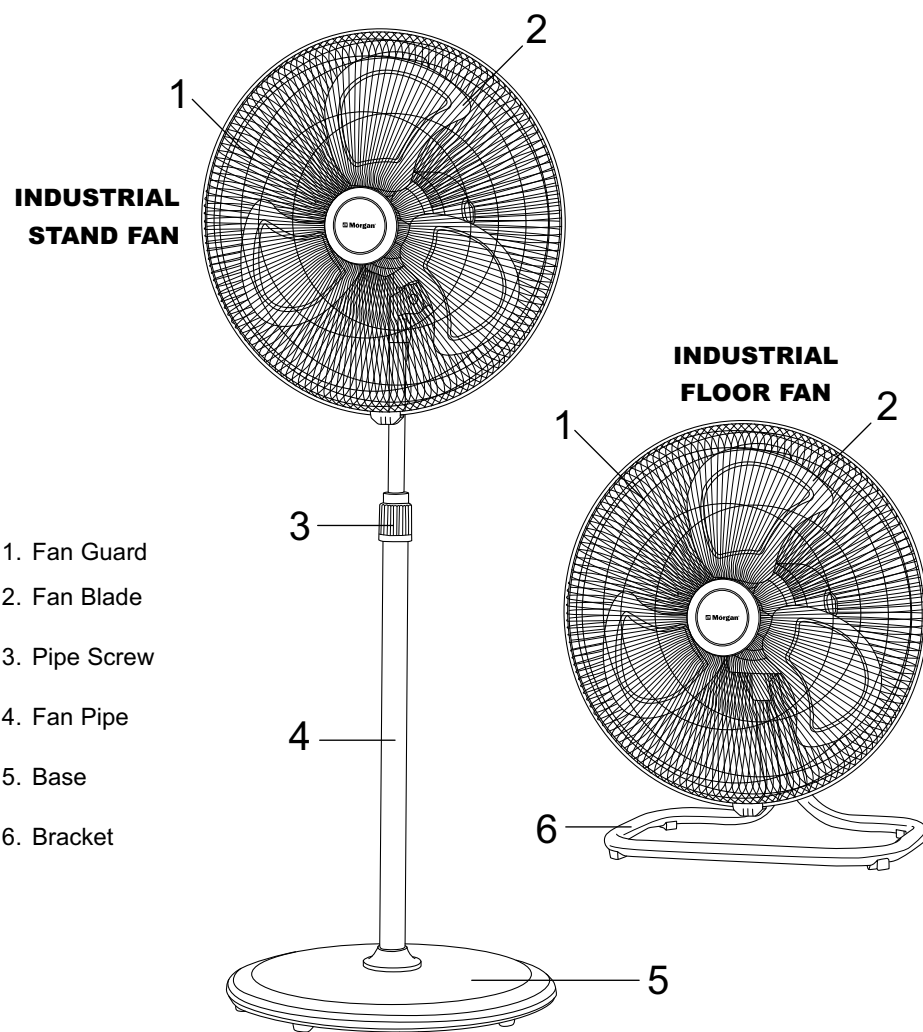
PROBLEM	SOLUTION
The fan blade does not rotate when turned on	Have you inserted the power plug into the power supply?
	Is the front/rear guard incorrectly assembled thereby obstructing fan blade movement?
	Has the motor short circuited or malfunctioned?
Abnormal noise during operation	Is the blade assembled onto the shaft correctly and securely tightened?
	Is the front/rear guard incorrectly assembled thereby obstructing fan blade movement?
	Is the fan blade or the motor loose?

GENERAL SAFETY PRECAUTIONS

Please read all instructions before using this product. Save these instructions for easy reference. When using electrical appliances, basic precautions should always be followed to reduce breakage, risk of fire, electric shock and injury to persons including the following:

- When using it any electrical appliance, you should notice ensure that the circuit electric voltage **MUST** correspond with the electric voltage displayed on the label (Please allow electric voltage to deviate by $\pm 5\%$)
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons to avoid a hazard.
- Do not hang any objects on the rail guard.
- Do not operate the fan directly adjacent to curtains, plants, window coverings, etc. to avoid accidental entanglement.
- The fan should be placed on the ground with stable surface to prevent from accidentally tipping over. Ensure that there are no other furniture or objects that may obstruct the fan's operation.
- Do not expose infants or seniors to prolonged periods of direct cold air.
- Avoid contact with all moving parts. Never insert your fingers, pencils or other objects through the fan guard during operation.
- 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. Children should be supervised to ensure that they do not play with the appliance.
- Do not use gasoline, paint thinner or other chemicals to clean the fan.

PARTS IDENTIFICATION



SPECIFICATIONS

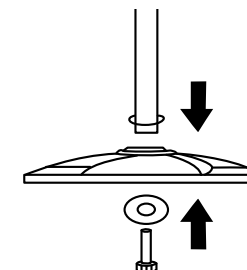
MODEL	MSF-20MI1	MFF-20MI2
RATED VOLTAGE / FREQUENCY	220-240V~ 50Hz	
RATED WATTAGE	155W	155W
SIZE	50CM	50CM

INSTALLATION INSTRUCTIONS

Carefully unpack the fan base, motor head, fan guard (front and back) and fan blades from the Styrofoam packing cradle and assemble in accordance with the instructions below:

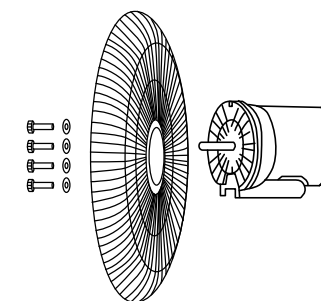
INSTALLING THE BASE

- Tighten the base screws.
- Insert the adjustable pipe into the round fan base.
- Tighten the base screws clockwise.



INSTALLING THE FAN MOTOR

- Insert the 2 screws on top of the fan pipe.
- Attach the fan motor to the upright fan base by sliding down and aligning the screw holes before tightening the screws.

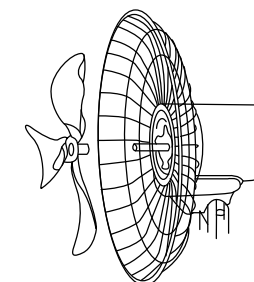


INSTALLING THE REAR GUARD

- Loosen the 4 screws on the fan motor.
- Align the rear guard to the holes on the motor unit.
- Tighten the 4 screws.

INSTALLING THE FAN BLADE

- Insert the fan blade and press into the motor axis.
- Tighten the blade screw into the axis indentation.



INSTALLING THE FRONT GUARD

- Place the front guard to correspond with the rear guard.
- Close the fastener clip to ensure that the front guard and rear guard are securely fixed.

C O N T E N T S

3 GENERAL SAFETY PRECAUTIONS

4 PARTS IDENTIFICATION

4 SPECIFICATIONS

5 INSTALLATION INSTRUCTIONS

6 OPERATING INSTRUCTIONS

6 TROUBLESHOOTING

7 CARE AND CLEANING

CARE AND CLEANING

1. Turn the control to OFF and unplug the fan before cleaning.
2. Use only a soft, damp cloth to clean the fan.
3. Do not immerse the fan in water and never allow water to drip into the motor housing.
4. Do not use gasoline, paint thinner or other chemicals to clean the fan.
5. To clean the fan blade, use 2 screw-drivers to disengage the hooks (8 hooks) holding the front grille to the rear grill
6. Remove the front guard.
7. Wipe the blade and guard.
8. Reassemble the fan by snapping the front guard into place.
9. Store the fan in its original box or cover the fan to protect in from dust store it in a cool dry place.