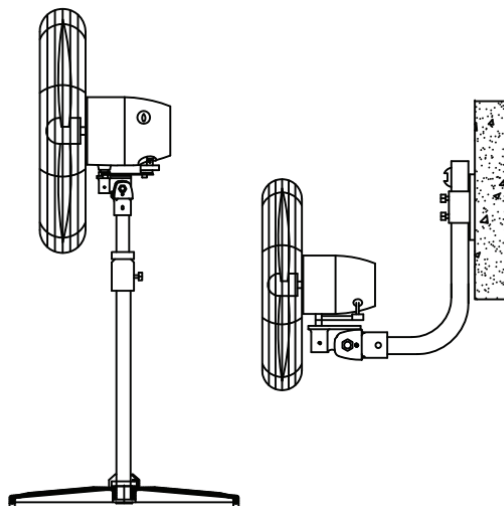




# FANMASTER

COOLING HEATING VENTILATION EXTRACTION

## INSTRUCTION MANUAL



**FANMASTER**  
*Premium*

**INDUSTRIAL FANS**

**MODEL:** IFP500, IFP600, IFP650, IFP750, IFP850  
IFW500, IFW600, IFW650, IFW750, IFW850

**3 YEAR WARRANTY**

TO PREVENT SERIOUS INJURY, READ & UNDERSTAND ALL WARNINGS & INSTRUCTIONS BEFORE USE. PLEASE KEEP THIS DOCUMENT FOR YOUR RECORDS

# FOR YOUR INFORMATION

Thank you for purchasing a Fanmaster Premium Industrial Fan. Please read this instruction manual carefully before using this appliance.

## **Disclaimer:**

Fanmaster reserves the right to make alterations to specifications, quantities, dimensions, for production or other reasons, subsequent to publication.

While we believe the information is accurate and complete, we make no warranty or representation for any particular purposes. The information is offered in good faith and with the understanding that any use of the units or accessories in breach of the directions and warnings in this document is at the sole discretion and risk of the user.

## **Disposal Guidelines:**

Do not dispose of this product with general household waste. This product must be disposed according to the laws governing Waste Electrical and Electronic Equipment. If required, contact your local authorities for information regarding the available disposal facilities.



# 1. GENERAL SAFETY RULES & WARNINGS



- PLEASE READ INSTRUCTIONS CAREFULLY.
- PLACE INSTRUCTION MANUAL IN A SAFE PLACE FOR FUTURE REFERENCE. DO NOT ALLOW ANYONE WHO HAS NOT READ THESE INSTRUCTIONS TO ASSEMBLE, ADJUST OR OPERATE THIS APPLIANCE.
- IF THE INFORMATION IN THIS MANUAL IS NOT FOLLOWED EXACTLY, A FIRE OR EXPLOSION MAY RESULT IN CAUSING PROPERTY DAMAGE, SERIOUS INJURY OR LOSS OF LIFE.
- FAILURE TO COMPLY WITH THE PRECAUTIONS AND INSTRUCTIONS PROVIDED WITH THIS APPLIANCE, CAN RESULT IN DEATH, SERIOUS INJURY AND PROPERTY LOSS OR DAMAGE FROM HAZARDS OF FIRE, EXPLOSION, BURN, AND/OR ELECTRICAL SHOCK.
- ONLY PERSONS WHO CAN UNDERSTAND AND FOLLOW THE INSTRUCTIONS SHOULD USE OR SERVICE THIS APPLIANCE. IF YOU NEED ASSISTANCE OR REQUIRE INFORMATION SUCH AS AN INSTRUCTION MANUAL, LABELS, ETC. CONTACT FANMASTER.
- DO NOT STORE OR USE GASOLINE, PETROL OR ANY OTHER FLAMMABLE OR COMBUSTIBLE VAPORS AND LIQUIDS IN THE VICINITY OF THIS APPLIANCE.
- FIRE, BURN, INHALATION, AND EXPLOSION HAZARD. KEEP SOLID COMBUSTIBLES, SUCH AS BUILDING MATERIALS, PAPER OR CARDBOARD, A SAFE DISTANCE AWAY FROM THE APPLIANCE. NEVER USE THE APPLIANCE IN SPACES WHICH DO OR MAY CONTAIN VOLATILE OR AIRBORNE COMBUSTIBLES, OR PRODUCTS SUCH AS GASOLINE, SOLVENTS, PAINT THINNER, DUST PARTICLES OR UNKNOWN CHEMICALS.
- THE ELECTRICAL SYSTEM TO WHICH THE APPLIANCE IS CONNECTED MUST COMPLY WITH LOCAL REGULATIONS. A RESIDUAL-CURRENT DEVICE (RCD) MUST BE INSTALLED.
- UNPLUG THE APPLIANCE BEFORE PERFORMING ANY MAINTENANCE OPERATIONS.
- ALWAYS CHECK THE POWER CABLE BEFORE USING THE APPLIANCE. IT MUST NOT BE BENT, TAUT, STRETCHED, CRUSHED OR ANY WAY DAMAGED.
- IF THE POWER CORD AND/OR PLUG IS DAMAGED, IT MUST BE REPLACED BY FANMASTER, A SERVICE AGENT OR A QUALIFIED PERSONS.
- DO NOT COVER THE FAN GUARD OR MOTOR.
- DO NOT LEAVE THE APPLIANCE UNATTENDED WHEN IN USE.
- NEVER USE THE APPLIANCE WHEN EITHER THE APPLIANCE OR THE POWER CABLE IS WET.
- CHILDREN SHOULD BE SUPERVISED TO ENSURE THAT THEY DO NOT PLAY WITH THE APPLIANCE.
- THE APPLIANCE IS NOT INTENDED FOR USE BY PERSONS (INCLUDING CHILDREN) WITH REDUCED PHYSICAL, SENSORY OR MENTAL CAPABILITIES, OR LACK OF EXPERIENCE & KNOWLEDGE.
- DO NOT PUT OBJECTS INTO THE FAN GUARD & BLADE.
- DO NOT CLIMB OR STACK THINGS ON THE APPLIANCE.

# 2. PRODUCT DESCRIPTION & SPECIFICATIONS

## PRODUCT DESCRIPTION

The Fanmaster Premium Fans are available in Pedestal or Wall Mount options. They range from 500mm to 850mm sizes. They move large volumes of air ensuring good circulation and a cool environment. Suited to industrial applications of air circulation and cooling large factories and warehouses.

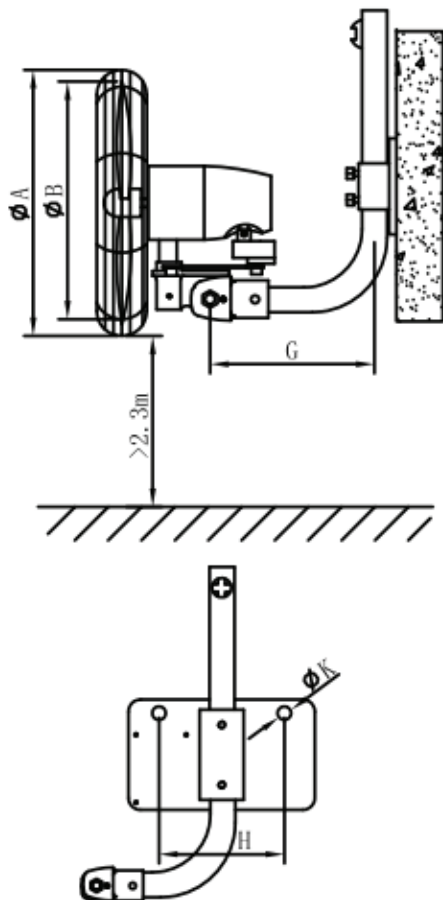
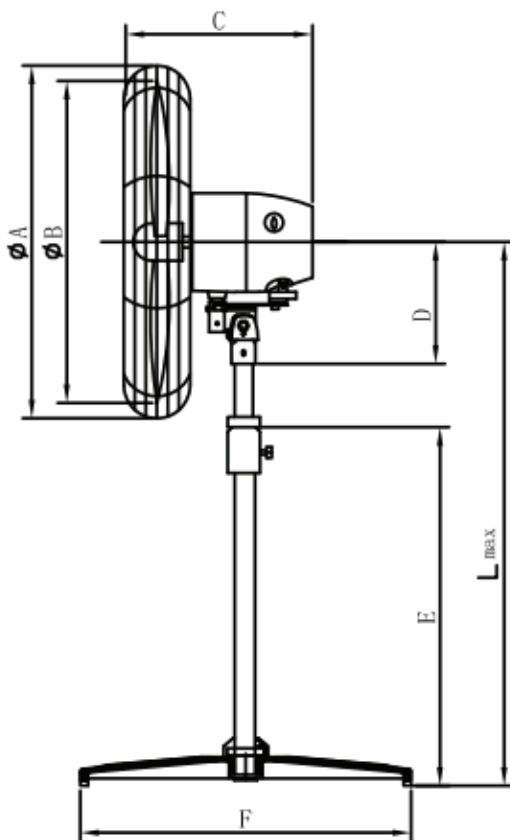
The Fanmaster Premium Fans possess vertical tilt adjustment and adjustable 90° oscillation. The wall mounts come with a pull cord switch to ensure a safe and easy way to operate.

## SPECIFICATIONS

MODEL	IFP500/ IFW500	IFP600/ IFW600	IFP650/ IFW650	IFP750/ IFW750	IFP850/ IFW850
Air Flow (L/s)	2166	3250	3833	5033	6500
dBa	<55	<62	<68	<75	<88
Motor (K/W)	0.13	0.17	0.21	0.24	0.35
Voltage/Hz	240/50	240/50	240/50	240/50	240/50
Plug Connection	3 Pin 10a	3 Pin 10a	3 Pin 10a	3 Pin 10a	3 Pin 10a
Fan Speed	3	3	3	3	3
Oscillation	Yes	Yes	Yes	Yes	Yes
Net Weight (kg)	17 / 14	18 / 15	26 / 16	28 / 17	30 / 19

MODEL	Stage 1				Stage 2				Stage 3			
	RPM	Air Flow L/s	dBa	Power W	RPM	Air Flow L/s	dBa	Power W	RPM	Air Flow L/s	dBa	Power W
IFP500/ IFW500	1100	1583	48	97	1250	1933	50	106	1400	2166	55	130
IFP600/ IFW600	1100	2083	52	120	1250	2500	56	130	1400	3250	62	170
IFP650/ IFW650	925	2383	45	148	1200	2833	55	175	1400	3833	68	210
IFP750/ IFW750	1100	3566	58	175	1250	4500	70	195	1400	5033	75	240
IFP850/ IFW850	1100	4250	68	255	1250	5333	82	283	1400	6500	88	350

### 3. PRODUCT DIMENSIONS



MODEL	A	B	C	D	E	F	G	H	K	L
<b>IFP500/ IFW500</b>	560	500	360	205	765	550	250	125	13	1320
<b>IFP600/ IFW600</b>	660	600	360	205	765	550	250	125	13	1320
<b>IFP650/ IFW650</b>	710	650	360	205	965	610	250	125	13	1520
<b>IFP750/ IFW750</b>	810	750	360	205	965	610	250	125	13	1520
<b>IFP850/ IFW850</b>	915	840	370	210	965	710	250	125	13	1520

# 4. ASSEMBLING & OPERATING INSTRUCTIONS

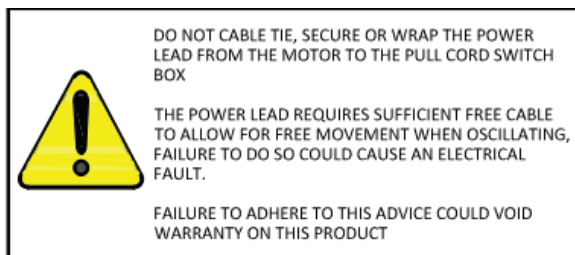
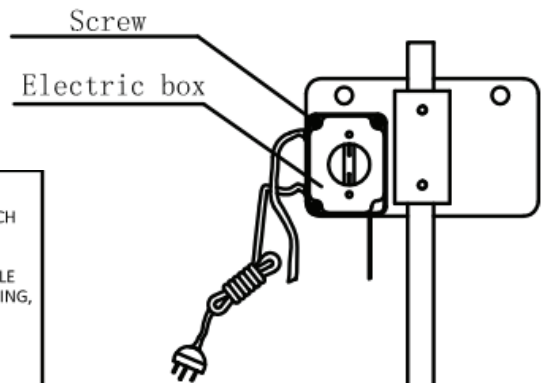
Remove the appliance from the carton. If the appliance is damaged, please contact Fanmaster or where you purchased the appliance from.

**DO NOT CONNECT TO POWER WHEN ASSEMBLING. DO NOT RUN THE FAN WITHOUT THE GUARDS ON.**

## Assembly Instructions

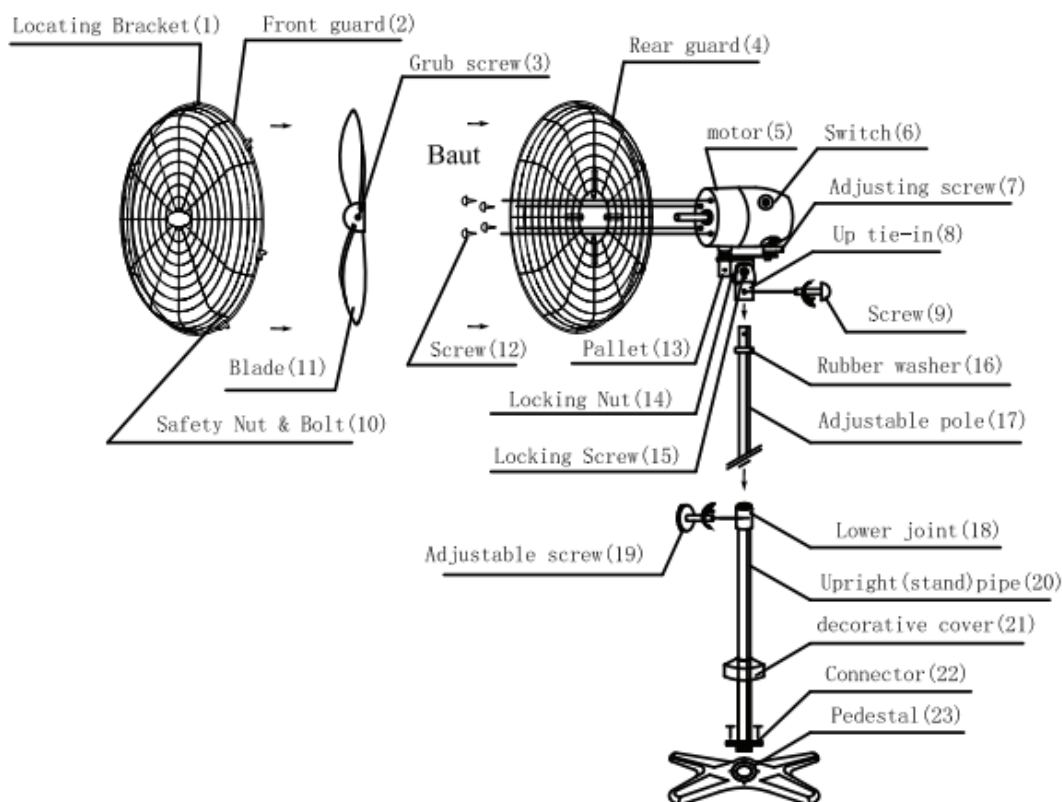
1. Unpack fan components on a flat surface with room to move around the fan without restriction.
2. Place fan base (23) on flat surface.
3. Attach the stand pipe connector (22) and tighten supplied bolts evenly and lower decorative cover (21).
4. Extend inner tube lift pipe (17) about 200mm and lock in position with side locking knob/ fixing screw (19).
5. Slide rubber washer (16) down as far as possible to the top of the lower pipe, this stops the fan head sliding down when the locking nut is released, adjusting height must be done with caution.
6. Lay motor on its side and tighten clamp bolt (14) with a spanner and the locking screw (15) so the casting is 90% to the motor shaft. **When installing a Wall Mount Fan** always mount the mounting pipe (J bracket) vertical (not angled down), if the fan is angled down excessively when on maximum oscillation premature failure of the oscillating gears can occur.
7. Lift motor carefully and slide onto the top of the inner tuber and tighten the locking screw (9).
8. Attach the rear fan guard (4) to the motor with the screws (12) found on the motor face (front).
9. Attach the fan blade (11), ensure the grub screw (3) in the blade hub lines up with flat surface on the shaft, failure to do so can result in the blade becoming loose or being out of balance.
10. Spin the fan blade/impeller slowly by hand making sure it is fitted secure on the shaft.
11. Remove the safety nut and bolt (1) located at the bottom of the front guard and attach the front guard (2). Position the small locating bracket (1) on the centre top spoke of the rear guard.
12. Refit the safety nut and bolt (10) back in the locating hole and tighten.
13. Firmly close all 5 x quick-lock guard clips.
14. Recheck all screws and bolts have been appropriately tightened.
15. When turning the fan on for the first time, turn it on to Speed 1 only. Check for any vibrations - if there are any vibrations turn off immediately and contact Fanmaster.

Fix the electric control box on the left side of wall mount base plate, using the M4 screw & spring washer.



# 4. ASSEMBLING & OPERATING INSTRUCTIONS

## PEDESTAL FAN



## WALL MOUNT FAN

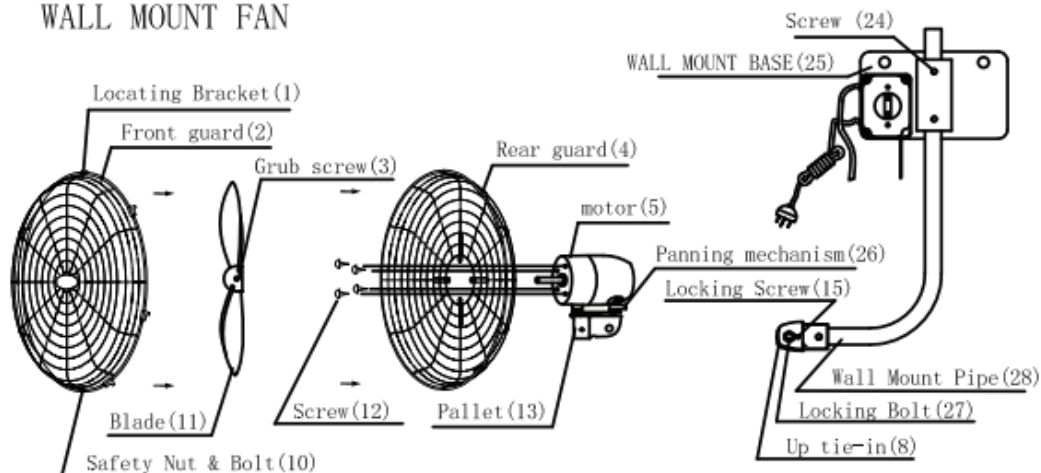


Figure 1.

# 4. ASSEMBLING & OPERATING INSTRUCTIONS

## Operating Instructions

1. Wall Fan - mount the fan according to the Figure 1. During assembly check all parts for possible damage during transport.
2. Connect the plug to the relevant power source.
3. The fan is not designed to be used in a wet or corrosive environment. Use only in an open clean and dust free environment.
4. The **Pedestal Fan** has a knob switch (4) with 4 positions, labeled 0,1,2 &3. Position 0 = Off, 1 = slowest speed, 2 = medium speed and 3 = fastest speed. The **Wall Mount Fan** is fitted with a pull cord style switch. Pull down lightly on the cord once to switch it on to the slowest speed. Pull it again for the medium speed and again for the fastest speed. Pull the cord again to switch the fan off.  
**NOTE: Minimal pressure is required when pulling the cord. Pulling too hard may result in damaging the cord.**
5. Care must be taken when adjusting the height of the fan. To adjust the pedestal fan, support the weight of the fan head prior to loosening the adjusting knob (19). Make sure the large rubber washer (16) is positioned at the bottom of the upper tube. Tighten adjusting knob when at the required height. Adjust the Wall Fan by loosening the bolt (24) in the wall plate and raising or lowering the bracket. Be sure to support the weight of fan prior to loosening the bolt.  
**NOTE: Only adjust the height when the fan is turned off.**
6. The Oscillation is adjusted by moving the screw (7) in or out of the slot under the oscillating disc. Moving the screw towards the centre will give a smaller range and moving it towards the outside will give it a wider range of oscillation.
7. The fan is designed to operate in ambient temperatures up to 40 degrees celsius. If the temperature rises above 40 degrees celsius, turn the fan OFF to avoid damage.
8. If the power cord becomes damaged, do not use the fan. Please contact Fanmaster.



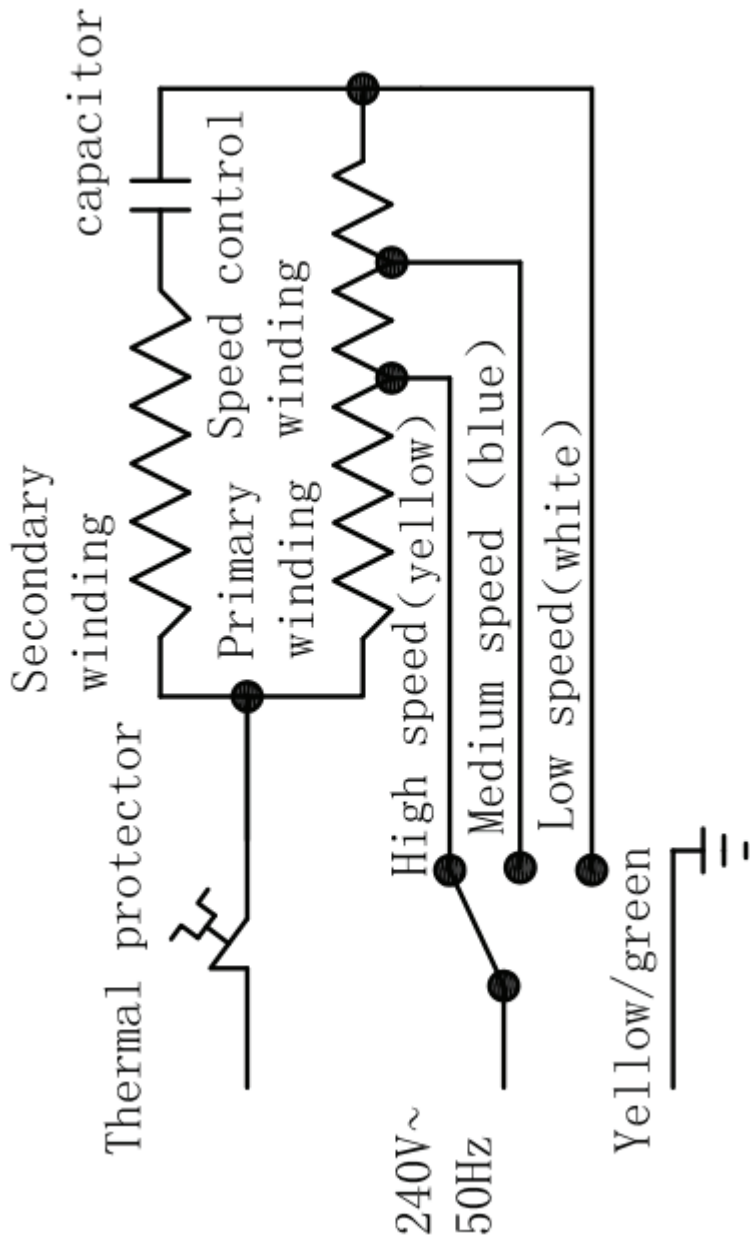
# 5. CLEANING, MAINTENANCE & STORAGE

- Before starting any maintenance task, shut down and unplug the fan.
- Do not attempt any electrical repair yourself. If the fan needs service or repair, contact a qualified persons.
- When cleaning, make sure that water does not enter the unit.
- Do not open the enclosure to clean the inner parts. Do not spray water into the heater.
- Never use solvents, gasoline, toluene and similar aggressive chemicals to clean the heater.

Regularly wipe the enclosure & guards using a soft sponge or cloth. For very dirty parts, use a sponge wet with lukewarm water and a mild detergent, then dry using a clean cloth. Regularly inspect the power cable: if worn, cracked or damaged have it replaced by a qualified persons only. Before storing the fan, make sure it is perfectly cool and dry. Cover the fan with a blanket or tarp and store it in a dry, ventilated place.



# 6. WIRING DIAGRAM



## 8. WARRANTY

Any claim under this warranty must be made within 36 months of the date of purchase of the product. To make a claim under the warranty, take the product (with proof of purchase) to the store where you purchased the product or go to <https://www.fanmaster.com.au/support>.

This warranty is given by Fanmaster Pty Ltd  
ABN: 45 353 934 457  
Unit 1/6-8 Yalgar Rd, KIRRAWEE NSW 2232  
P: 1300 900 345  
E: [support@fanmaster.com.au](mailto:support@fanmaster.com.au)

This warranty is provided in addition to other rights and remedies you have under law: Our goods come with guarantees which cannot be excluded under the Australian Consumer Law. You are entitled to replacement or refund for a major failure and to compensation for other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Exclusions: This warranty does not cover:

- Any defects caused by an accident, misuse, abuse, improper installation or operation, lack of reasonable care, unauthorized modification, loss of parts, tampering or attempted repair by a person not authorized by the distributor.
- Any product that has not been installed, operated or maintained to a satisfactory level.
- Any damage caused by improper power input or improper cable connection.

# 9. WARRANTY VALIDATION

Register Your Product

## > **Warranty Management**

Validate your warranty, and receive notification 14 days prior to expiration.

## > **Warranty Extension Available**

Add extended warranty to give you peace of mind.

## > **Product Updates**

Latest news and updates on Fanmaster products.



**REGISTER**

[www.fanmaster.com.au/warranty-registration](http://www.fanmaster.com.au/warranty-registration)



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