

# THORAIR<sup>®</sup>

## THORAIR COMMERCIAL BLOWER MANUAL



AM190005



AM190006



AM190007

All Imports Pty. Ltd.  
P.O Box 447, Tugun  
QLD 4224, Australia  
Phone: **1300 263 551**

Purchase Date: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Purchased From: \_\_\_\_\_

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Thank you for purchasing this **All Imports** product. Please read the instructions carefully and follow all warnings. All **All Imports** products are manufactured to be simple to use and provide years of worry-free service when the recommendations in this manual are followed. Please call **All Imports** at **1300 263 551** with any questions or concerns.

## **WARNINGS**

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- Do not move or carry the blower while it is operating. When the blower is operating, the powerful airflow can cause unpredictable movement.
- NEVER allow children to play with or around blower.
- Do not alter or modify your blower in any way. Use only replacement parts authorized by **All Imports**. Modifications or use of unauthorized parts could create a hazard and will void your warranty.
- Store blower in a clean, dry environment. Do not store outdoors or allow water inside the unit's motor. If the motor becomes wet, allow it to thoroughly dry before use.
- Blower should never be operated near water as it will create a risk of serious injury from electrical shock.
- Handle unit with care to avoid causing damage or injury.
- Blower should always be operated on a flat surface. Do not operate where unit could fall, or on slippery surfaces, as this could increase the chance of injury, fire, or electrical shock.
- Keep all materials, liquids, and gases from being drawn into blower and never operate unit without factory installed safety screens in place.
- Do not use blower near combustible gas, or for circulating hot air as unit could melt and cause a fire or electrical hazard.
- Do not take blower apart or repair it unless you are qualified to do so. Never repair or service unit while blower is plugged in.
- Make sure the air intake and outlet are free from all materials and away from obstructions, as any restrictions may cause the blower to overheat and cause a shock or fire hazard.

## **OPERATION**

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The THORAIR Blower is commercial grade air mover designed to pull air from above and blow it out in all directions. It is useful for drying of wet conditions and materials, air ventilation, extraction and circulation.

- 1) Place the blower on a level and stable surface.
- 2) Plug the blower into a grounded outlet with the correct voltage and amperage. For maximum protection against electrical shock, ALWAYS use a circuit that is protected by a ground fault circuit interrupter. If you are unsure about the outlet, check with a qualified electrician or service person.
- 3) Turn the switch to desired speed setting and check that the blower operates properly before letting it run.

## AUXILIARY OUTLET (OPTIONAL)

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This blower is equipped with a built-in socket(optional standard version do not have this fuction) that allows you to “daisy chain” together multiple units in order to operate in large areas where power outlets are limited or not available. All other warnings for use of this blower should be strictly adhered to.

## GROUND FAULT CIRCUIT INTERRUPTER (GFCI) OUTLET

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The GFCI protects the user from potential electrical shock. Should it detect a sudden ground fault, the GFCI will interrupt the current and shut the unit off. It will also fault/trip when a short circuit or overload occurs. If the GFCI faults/trips, unplug the unit, and look for potential hazards such as standing water, a damaged cord, etc. Once the problem is corrected, plug unit back in, push the “Reset” button, located on the GFCI faceplate, and re-start the blower. If blower does not re-start, please refer to the troubleshooting section of this manual.

**GROUNDING INSTRUCTIONS:** This blower MUST BE grounded. Grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This blower is equipped with a cord featuring a grounding plug which must be inserted into an appropriate outlet that is in compliance with all local codes and ordinances. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Never modify the power cord in any way.

**POWER CORD WARNINGS:** Never operate units with damaged power cords or damaged extension cords as this may lead to electrical or fire hazards. Never unplug the unit by pulling the cord. Grasp the plug firmly and pull straight out. Take precautions not to use the cord in a way where damage may occur. Keep cords away from all water and heated surfaces. Inspect cords before each use and replace cords that show any sign of damage.

**EXTENSION CORDS WARNINGS:** Extension cords must be grounded and be able to deliver the appropriate voltage to the unit. When operating the unit outdoors, do not use an extension cord.

## MAINTENANCE

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- Inspect the electrical cord and wiring for damage or discoloration. NEVER use a blower that has a damaged cord as it could cause an electrical shock or fire.
- Inspect for loose fasteners.
- Clean safety screens of the unit.
- Listen for abnormal sounds and shut unit off immediately upon hearing unusual noises.
- Keep unit clean.
- Use compressed air or a vacuum to remove lint and other debris from the motor, inlet, or fan blade.
- Do not use a pressure washer, water hose, or other water source to clean the unit.
- The blower has sealed bearings and cannot be lubricated. No oiling is necessary.

For information about authorised repair and maintenance call **ALL IMPORTS** at **1300 263 551**.

## AM190005 SPECIFICATIONS

<b>Max Fan Speed:</b>	1350
<b>Certifications:</b>	SSA
<b>Motor Rating:</b>	1/4hp
<b>Power:</b>	230 Volts, 50 Hz
<b>Current:</b>	0.8 amps
<b>Air Volume:</b>	1200m3/h

<b>Switch:</b>	1 Speed
<b>Height:</b>	26cm
<b>Width:</b>	46cm
<b>Depth:</b>	53cm
<b>Weight:</b>	12kg
<b>Cord Length:</b>	#18-3 4.5meter

## AM190006 SPECIFICATIONS

<b>Max Fan Speed:</b>	1380 rpm
<b>Certifications:</b>	SSA
<b>Motor Rating:</b>	3/4hp
<b>Power:</b>	230 Volts, 50 Hz
<b>Current:</b>	2-2.5amps
<b>CFM:</b>	1100/1000/900cfm

<b>Switch:</b>	3 Speed
<b>Height:</b>	48cm
<b>Width:</b>	42cm
<b>Depth:</b>	47cm
<b>Weight:</b>	16kg
<b>Cord Length:</b>	#18-3 4.5meter

## AM190007 SPECIFICATIONS

<b>Max Fan Speed:</b>	1350 rpm
<b>Certifications:</b>	SAA
<b>Motor Rating:</b>	1/4hp
<b>Power:</b>	230 Volts, 50 Hz
<b>Current:</b>	0.8 amps
<b>CFM:</b>	1200m3/h

<b>Switch:</b>	1 Speed
<b>Height:</b>	22
<b>Width:</b>	46
<b>Depth:</b>	56
<b>Weight:</b>	11.5
<b>Cord Length:</b>	#18-3 4.5meter

Specifications are subject to change without notice.

## TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE/SOLUTION
<b>Blower does not turn on</b>	<ul style="list-style-type: none"> <li>• Switch not turned on – turn on</li> <li>• Circuit breaker o has tripped - reset</li> <li>• Loose wire – tighten</li> <li>• Faulty switch - replace</li> </ul>
<b>Blower starts and then shuts off</b>	<ul style="list-style-type: none"> <li>• Obstructed inlet/outlet – removed obstruction</li> <li>• Faulty motor - replace</li> </ul>
<b>Blower vibrates</b>	<ul style="list-style-type: none"> <li>• Motor shaft is bent – replace motor</li> <li>• Fan blade is bent – replace</li> <li>• Excessive dirt built up on fan blade – clean</li> </ul>
<b>Blower makes scraping noise</b>	<ul style="list-style-type: none"> <li>• Damaged housing – replace housing or entire unit</li> <li>• Damaged fan blade – replace</li> <li>• Damaged motor shaft – replace motor</li> </ul>
<b>Motor makes noise, but blower won't turn on</b>	<ul style="list-style-type: none"> <li>• Damaged/faulty motor or motor shaft – replace</li> <li>• Broken/loose wire to capacitor – tighten</li> <li>• Damaged/faulty capacitor – replace</li> <li>• Damaged housing/fan so fan will not spin – replace housing or fan blade</li> <li>• Motor shaft set screw holding fan blade is loose - tighten</li> </ul>

For problems not listed above, contact our service department at **1300 263 551**.