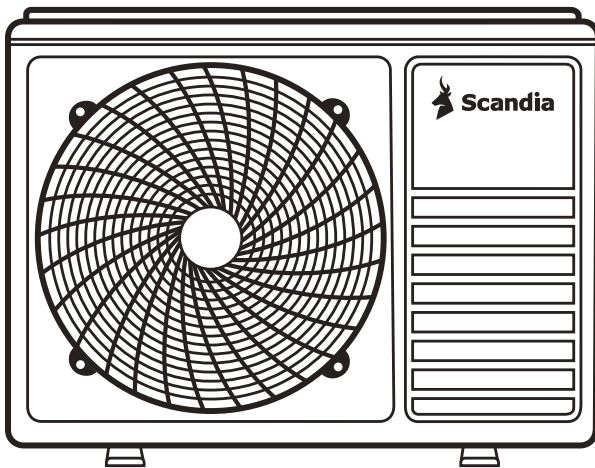
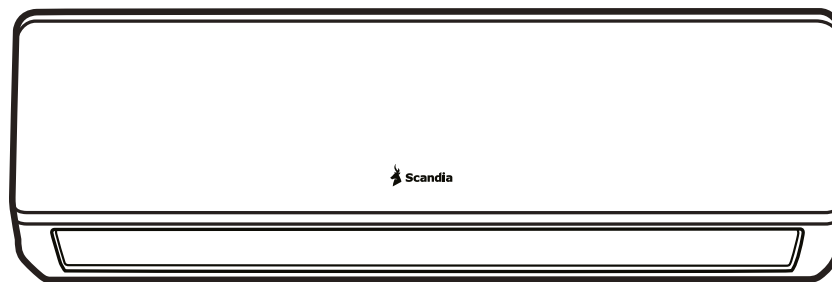




ADINA RANGE

OWNERS MANUAL

**INVERTER REVERSE CYCLE
SPLIT SYSTEM AIR CONDITIONER**



MODEL

SG010400001	(2.5kW Cooling/2.6kW Heating)
SG010400002	(3.3kW Cooling/3.4kW Heating)
SG010400003	(5.1kW Cooling/5.1kW Heating)
SG010400004	(7.3kW Cooling/8.0kW Heating)

IMPORTANT INFORMATION

Carefully read this instruction manual before installation of your air conditioner. Please retain this manual for product warranty and for future reference.

Contents of manual may be updated without notice.
For the latest version of this manual please refer to our website:
www.scandiastoves.com.au

Part No: SG070100041 Version 12 20/09/19

Scandia Group Pty Ltd

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Australia

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service@scandiastoves.com.au
www.scandiastoves.com.au



THIS PRODUCT MUST ONLY BE INSTALLED OR SERVICED BY QUALIFIED PERSONNEL

This appliance must be installed in accordance with:

**Manufacturer's installation Instructions
Current AS/NZS 3000
Commonwealth, State, Territory and local legislation,
regulations and codes, including local OH&S requirements.
For continued safety of this appliance, it must be maintained in
accordance with the manufacturer's instructions.**

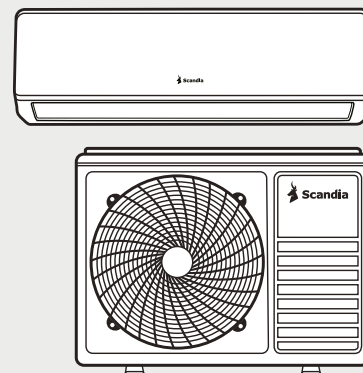


Scandia Model Numbers:

SYSTEM	INDOOR	OUTDOOR
SG010400001	SG010400005	SG010400006
SG010400002	SG010400007	SG010400008
SG010400003	SG010400009	SG010400010
SG010400004	SG010400011	SG010400012

SCANDIA ADINA RANGE

Model Name	Model Number
ADINA ❄️ 2.5kW / 2.6kW 🔥	SG010400001
ADINA ❄️ 3.3kW / 3.4kW 🔥	SG010400002
ADINA ❄️ 5.1kW / 5.1kW 🔥	SG010400003
ADINA ❄️ 7.3kW / 8.0kW 🔥	SG010400004



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INTRODUCTION

Congratulations on purchasing a genuine Scandia Split System Air Conditioner. When cared for properly, these high quality, finely crafted air conditioners will offer many years of reliable performance. This instruction manual has been developed to ensure optimum performance from your Scandia air conditioner. It's very important that you thoroughly read and understand all instructions before using your new air conditioner.

In line with the company's policy of continual improvement, the aesthetic and dimensional characteristics, technical data and accessories of this appliance may be changed without notice.







Please note:

Your air conditioner must be installed by a qualified person whose work conforms with local council regulations, Australian Standards & manufacturer's recommendations. Failure to do so will void your warranty.



WARNINGS AND INFORMATION

Explanation of symbols displayed on the indoor unit or outdoor unit

	WARNING	This symbol shows that this air conditioner uses a flammable refrigerant. If the refrigerant leaks and is exposed to an external ignition source, there is a risk of fire.
	CAUTION	This symbol shows that the Operation Manual should be read carefully.
	CAUTION	This symbol shows that a service personnel should be handling this equipment with reference to the Installation Manual.
	CAUTION	This symbol shows that information is available such as the Operating Manual or Installation Manual.

Read these instructions before installing and using the air conditioner

This air conditioner must be installed in accordance with:

- Manufacturer's Installation Instructions
- National Wiring Regulations (AS/NZS 3000)
- Local Regulations and Codes

This air conditioner must only be installed by licensed, qualified persons.

This air conditioner uses R32 (difluoromethane) refrigerant, which is a flammable gas class A2L according to AS/NZS ISO 817 and must be handled by a refrigeration mechanic with the appropriate Australian refrigerant handling license.



SAFETY RULES AND RECOMMENDATIONS FOR THE INSTALLER

1. Read this guide before installing and using this appliance.
2. The **SG010400004** shall be installed, operated and stored in a room with a floor area larger than 1.92 m².
3. The air conditioner is supplied pre-charged. If any refrigerant is added to the system the minimum floor area will need to be calculated for all models. Refer to AS/NZS 60335.2.40 for this calculation.
4. The air conditioner shall be stored in a room without a continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).
5. During the installation of the indoor and outdoor units, children must be kept away from the working area. Unforeseeable accidents could happen.
6. Ensure the live wire, neutral wire and earth wire in the power socket are properly connected. Inadequate or incorrect electrical connections may cause fire or electric shock.
7. The yellow-green wire in the air conditioner is the earthing wire which cannot be used for any other purpose. Improper earthing may cause electric shock.
8. The air conditioner must be earthed in accordance with current legislation.
9. A standard thermomagnetic circuit breaker must be used that conforms to the rating of the air conditioner to prevent short circuit and overload.

MODEL	SG010400001	SG010400002	SG010400003	SG010400004
Circuit Breaker (A)	16	16	16	20

10. Ensure all electrical connections are tight.
11. Do not modify the electrical wiring of this air conditioner. If the control power wiring is damaged or deteriorated then it must be replaced by an authorised person. Failure to do so may result in electric shock, fire, serious injury or product failure.
12. Do not supply power to the unit until all wiring and piping is completed.
13. Make sure that the air conditioner is installed on a stable, level surface and the base of the outdoor unit is firmly fixed.
14. Do not install the outdoor unit where noise may cause a nuisance.
15. A leak test must be done after the installation is complete.
16. Perform a test cycle after installing the air conditioner and record the operating data.



SAFETY RULES AND RECOMMENDATIONS FOR THE USER – OPERATION

1. Only use the air conditioner as instructed in this booklet. These instructions are not intended to cover every possible condition and situation. As with any electrical household appliance common sense and caution are therefore always recommended for installation, operation and maintenance.
2. This air conditioner 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 air conditioner by a person responsible for their safety.
3. Children should be supervised to ensure that they do not play with the air conditioner.
4. This air conditioner has been made for air conditioning domestic environments and must not be used for any other purpose, such as drying clothes, cooling food, etc.
5. Always use the air conditioner with the air filter fitted. The use of the air conditioner without the filter could cause an excessive accumulation of dust and waste on the inner parts of the device with subsequent failure.
6. Do not remain directly exposed to the flow of cold air for a long time. The direct and prolonged exposure to cold air could be dangerous for your health. Particular care should be taken in rooms where there are children or sick or elderly people.
7. In the event of a malfunction such as a burning smell, immediately stop operation of the air conditioner, and disconnect all the power supply by turning off the electrical breaker or disconnecting the power plug. Then contact an authorised service agent.
8. Ensure that the air conditioner is disconnected from the power supply when it will remain inoperative for a long period and before carrying out any cleaning or maintenance.
9. Do not cover or place any objects on any part of the air conditioner.
10. Do not climb on top of the air conditioner.
11. Do not leave windows or doors open when operating the air conditioner.
12. Do not direct the hot or cold airflow over plants or animals.
13. Do not operate the conditioner if it has been submerged in water. Contact a service agent.
14. Do not insert your fingers or any other objects into outlet port, open panel, or intake grille.
15. Do not bend, tug or compress the power cord.
16. If the supply cord is damaged, it must be replaced by a suitable qualified service agent or persons in order to avoid a hazard.
17. Do not touch or operate the air conditioner when barefoot or parts of the body that are wet or damp.
18. Do not obstruct the air inlet or outlet on the outdoor unit.



SAFETY RULES AND PROHIBITIONS

-
1. Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.

 2. Do not pierce or burn.

 3. Be aware that refrigerants may not contain an odour.

 4. Before accessing the terminals, all power circuits must be disconnected from the power supply.

 5. Maintenance must be carried out by specialised technical personnel.

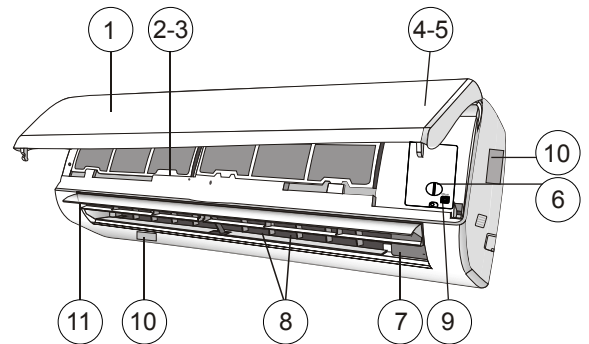
 6. In no way alter the characteristics of the air conditioner.

YOUR AIR CONDITIONER AT A GLANCE

INDOOR UNIT

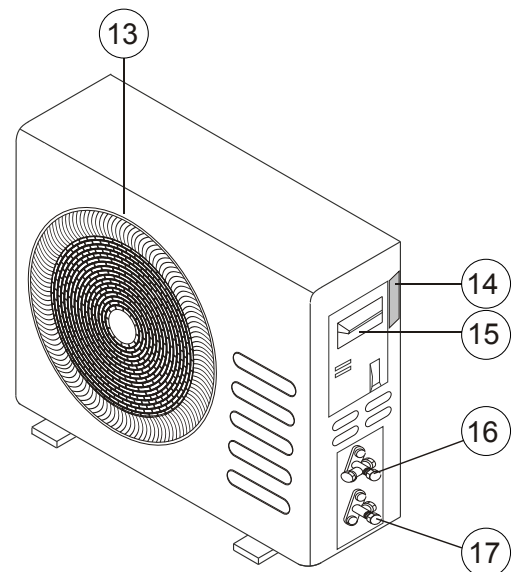
INDOOR UNIT

No.	Description
1	Front panel
2	Air filter
3	Optional filter (if installed)
4	LED Display
5	Signal receiver
6	Terminal block cover
7	Ionizer generator (if installed)
8	Deflectors
9	Emergency button
10	Indoor unit rating label (Stick position optional)
11	Airflow direction flap
12	Remote controller



OUTDOOR UNIT

No.	Description
13	Air outlet grille
14	Outdoor unit rating label
15	Terminal block cover
16	Gas valve
17	Liquid valve



OUTDOOR UNIT

Note: the above figures are only intended to be a simple diagram of the appliance and may not correspond to the appearance of the units that have been purchased.

WEIGHTS AND DIMENSIONS

MODEL	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)	WEIGHT (kg) – Net
SG010400001				
Indoor	910	206	294	9
Outdoor	831	300	553	27
SG010400002				
Indoor	1010	220	315	13
Outdoor	863	349	602	38
SG010400003				
Indoor	1186	271	340	17
Outdoor	927	380	699	40
SG010400004				
Indoor	1186	271	340	17
Outdoor	975	433	808	59

OPERATING TEMPERATURE RANGES

TEMPERATURE	Mode		
	Cooling	Heating	Dry
Room Temperature	17°C – 32°C	0°C – 30°C	10°C – 32°C
Outdoor Temperature	15°C – 53°C	-15°C – 30°C	0°C – 50°C

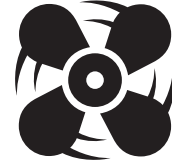
IMPORTANT CONSIDERATIONS

Installation Safety Principles

1. Site Safety



Open Flames Prohibited



Ventilation necessary

2. Safety



Mind static electricty

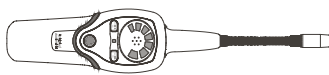


Must wear protective clothing and anti-static gloves



Don't use mobile phones

3. Installation Safety

<ul style="list-style-type: none"> • Refrigerant Leak Detector • Appropriate Installation Location 		<p>The left picture is the schematic diagram of a refrigerant leak detector</p>
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Please note that:

1. The installation site should be well ventilated.
2. The site should be free from open fire or welding, smoking, drying oven or any other heat source higher than 548°C.
3. Take appropriate anti-static measures, for example wear anti-static gloves and/or clothing.
4. Choose an installation site where the air inlet and outlet of the indoor and outdoor units are not surrounded by obstacles or close to any heat source or combustible and/or explosive environment.
5. If there is a refrigerant leak on the indoor unit during installation, immediately evacuate people from the room and turn off the valves on the outdoor unit. Wait 15 minutes before re-entering the room to allow the refrigerant to disperse. If the product is damaged it must be removed and returned to a workshop for repair. It must not be repaired on site.

INSTALLATION MANUALS – Important considerations

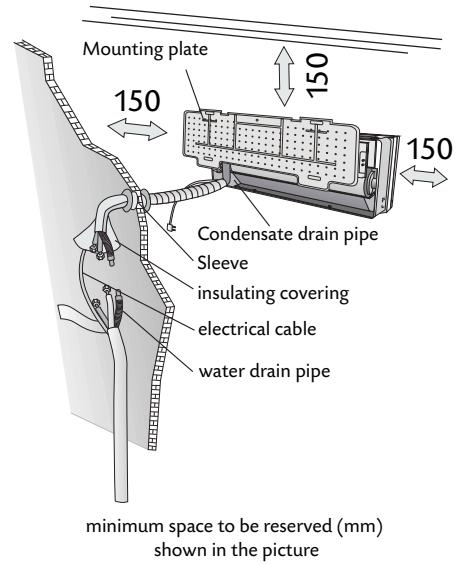
Special Tools

Tool Name	Requirement(s) for use
Mini Vacuum Pump	It should be an explosion-proof vacuum pump suitable for use with R32 and ensure that its final vacuum should be lower than 10Pa (75 micron).
Filling Device	It should be a special explosion-proof filling device suitable for R32 and have certain precision and its resolution should be less than 5g.
Leak Detector	It should be calibrated regularly and its annual leak detection rate should not exceed 10g/yr.
Concentration Detector	<p>A) The maintenance site should be equipped with a fixed-type combustible refrigerant concentration detector and connected to a safeguard alarm system, its accuracy must be less than 5%.</p> <p>B) The installation site should be equipped with a portable combustible refrigerant concentration detector with both audible and visual alarms, its accuracy must be less than 10%.</p> <p>C) The concentration detectors should be calibrated regularly</p> <p>D) It is necessary to check and confirm the functions before using the concentration detectors.</p>
Pressure Gauge	<p>A) The pressure gauge should be calibrated regularly.</p> <p>B) The pressure gauge used for R410A can be used for Refrigerant R32.</p>
Fire Extinguisher	It is necessary to carry fire extinguisher(s) when installing and maintaining an air conditioner. On the maintenance site, there should be two or more kinds of dry powder, carbon dioxide and foam fire extinguishers and that such fire extinguishers should be placed at stipulated positions, with eye-catching labels and in handy places.

INSTALLATION MANUAL – Selecting the Installation Place

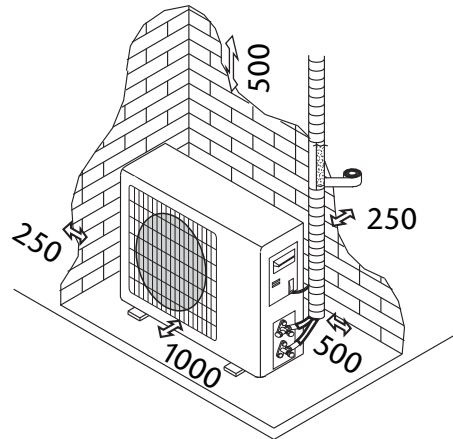
INDOOR UNIT

- Install the unit on a strong wall that is not subject to vibrations
- The minimum clearances shown must be maintained
- The inlet and outlet ports should not be obstructed, the airflow should not be impeded
- Do not install the unit near a source of heat, steam or flammable gas
- Do not install the unit where it will be exposed to direct sunlight
- Select a site where the condensate can be easily drained out, and where it is easily connected to the outdoor unit
- Select a place where the indoor unit can be easily accessed for maintenance and service.



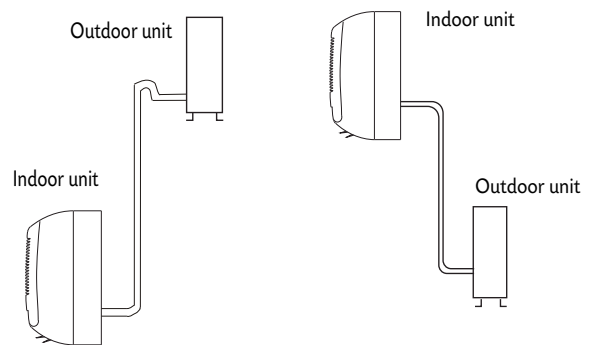
OUTDOOR UNIT

- Do not install the outdoor unit near sources of heat, steam or flammable gas
- Avoid installing the unit where it will be exposed to direct sunlight (otherwise use a protection that does not interfere with the airflow)
- Do not install the unit in too windy or dusty places
- Do not install the unit where people often pass. Select a place where the air discharge and operating sound will not disturb the neighbours
- The minimum clearances shown must be maintained
- Reserve the spaces as shown in the picture for the air to circulate freely
- Install the unit in a safe and solid space
- If the outdoor unit is subject to vibration, place rubber gaskets onto the feet of the unit.



INSTALLATION DIAGRAM

The purchaser must ensure that the person and/or company who will install, maintain or repair this air conditioner has qualifications and experience in refrigerant products.



MODEL	Pipe Size Gas	Pipe Size Liquid	Chargeless Length	Maximum Length	Maximum Height	Additional Refrigerant
	mm (inch)	mm (inch)	m	m	m	gm/m
SG010400001	9.52 (3/8)	6.35 (1/4)	5.0	25	10	15
SG010400002	9.52 (3/8)	6.35 (1/4)	5.0	25	10	15
SG010400003	12.7 (1/2)	6.35 (1/4)	5.0	25	10	25
SG010400004	15.88 (5/8)	6.35 (1/4)	5.0	25	10	25

Note: When refrigerant is added to the system the minimum floor area will need to be re-calculated. Refer to AS/NZS 60335.2.40 for this calculation.

INSTALLATION MANUAL – Installation of the indoor unit



Do not install your air conditioner in a wet room such as a bathroom or laundry.
The installation site should be 180cm or more above the floor.

INSTALLATION FOR THE MOUNTING PLATE

Ensure that the wall structure on which the units are to be mounted is capable of supporting the weight of the air conditioner and the associated pipework.



Do not install the unit in a place where electrical wiring or conduits are located.

1. Using a level, place the mounting plate in a perfectly square position both vertically and horizontally.
2. Drill 32mm deep holes in the wall to fix the plate as shown.
3. Insert the plastic anchors into the holes.
4. Fix the mounting plate to the wall using the screws provided.
5. Ensure that the mounting plate is level and firmly mounted.

Note: The shape of the mounting plate may be different from the one above, but installation method is similar.

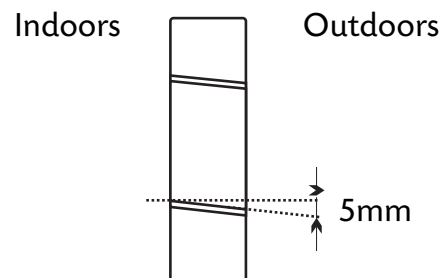
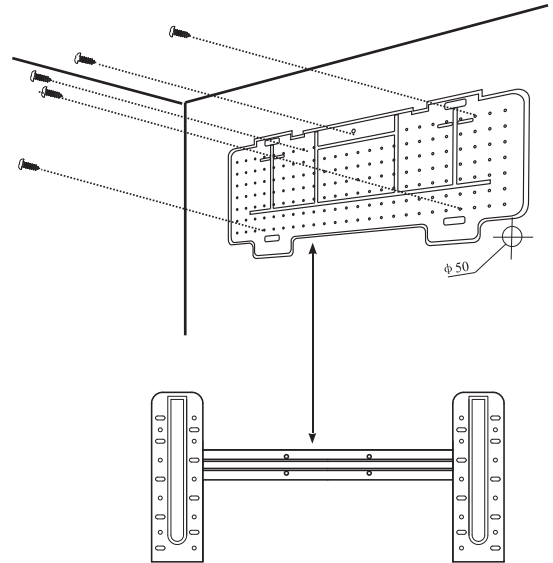
DRILLING A HOLE IN THE WALL FOR THE PIPING

1. Decide where to drill the hole in the wall for the piping (if necessary) according to the position of the mounting plate.
2. Drill a 55mm dia hole in the wall at a slight (3°) downward slope from the inside to the outside of the wall.
3. Insert the piping hole sleeve into the hole in the wall to prevent damage to the refrigerant piping and electrical wiring.



The hole must slope downwards towards the exterior.

Note: Keep the drain pipe down towards the direction of the wall hole, otherwise leakage may occur.



INSTALLATION MANUAL – Installation of the indoor unit

ELECTRICAL CONNECTIONS – Indoor unit



Must be installed, maintained and removed by authorised persons in accordance with AS/NZS 3000 and all other relevant local regulations and municipal building codes including OH&S requirements.

Ensure electric wiring is installed properly. Improper installation may cause malfunction, fire, or electric shock.

The unit must be earthed following local electrical codes.

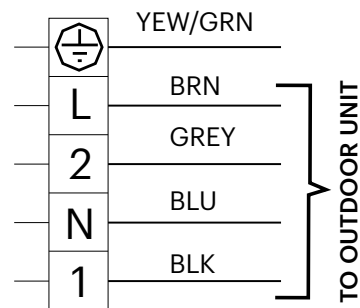
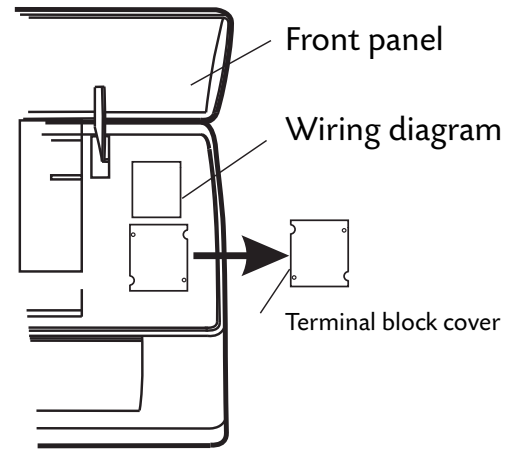
1. Lift the front panel.
2. Remove the terminal block cover as indicated in the picture (by removing a screw or breaking the hooks).
3. For the electrical connections, see the circuit diagram on the right part of the unit under the front panel.
4. Connect the cable wires to the screw terminals by following the numbering. Use wire size suitable to the electric power input (see data plate on the unit) and according to AS/NZS 3000 requirements.



The cable connecting the outdoor and indoor units must be suitable for outdoor use.

An efficient earth connection must be ensured.

If the power cable is damaged, it must be replaced by an authorised person.

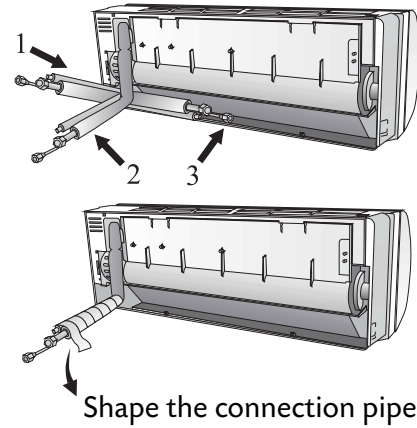


INSTALLATION MANUAL – Installation of the indoor unit

REFRIGERANT PIPING CONNECTION

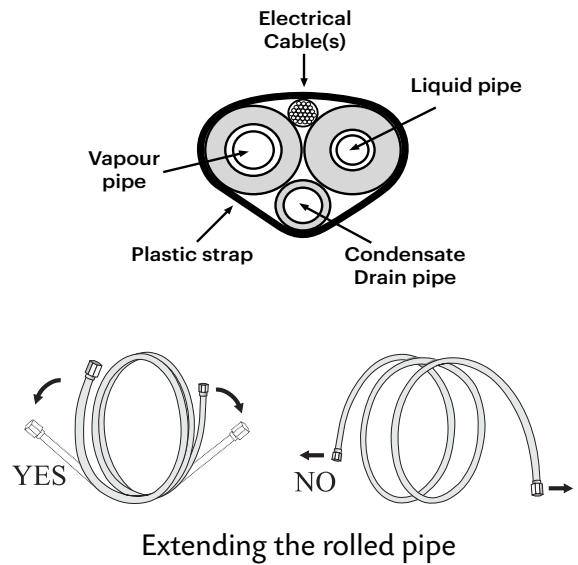
The piping can be run in the 3 directions indicated by numbers in the picture. When the piping is run in direction 1 or 3, cut a notch along the groove on the side of the indoor unit with a cutter.

Run the piping in the direction of the wall hole and bind the copper pipes, the condensate drain pipe and the power cables together with the tape ensuring the drain pipe is at the bottom so that water can flow freely.



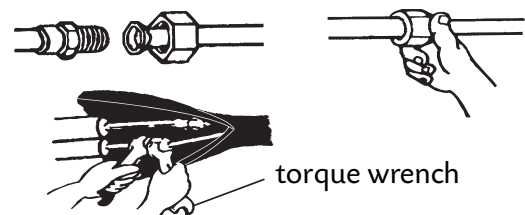
CONNECTING THE PIPES

- Do not remove the cap from the pipe until connecting it so that the pipe is kept dry and clean.
- Do not bend the pipe more than three times at one point otherwise it will become stiff.
- When extending the rolled pipe, straighten the pipe by gently unwinding it as shown in the picture.



CONNECTING TO THE INDOOR UNIT

1. Remove the indoor unit pipe cap (check that there is no debris inside).
2. Insert the flare nut and create a flange at the extreme end of the connection pipe.
3. Tighten the connections by using two wrenches working in the opposite directions.
4. **Mechanical connections must be made outdoors.**



INSTALLATION MANUAL – Installation of the indoor unit

INDOOR UNIT CONDENSATE DRAINAGE

The indoor unit condensate drainage is fundamental for the success of the installation.

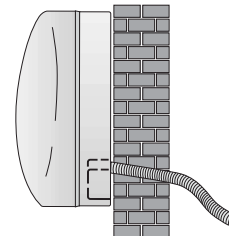
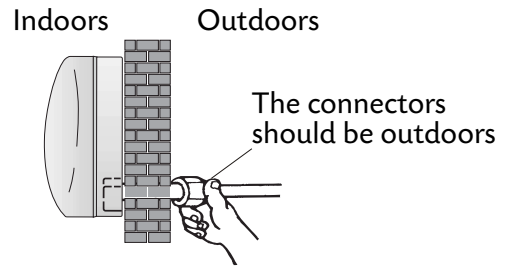
- Place the drain hose below the piping, taking care not to create a kink.
- The drain hose must slant downwards to aid drainage.
- Do not bend the drain hose or leave it protruding or twisted and do not put the end of it in water.
- If an extension is connected to the drain hose, ensure that it is lagged when it passes into the indoor unit.

If the piping is installed to the right, the pipes, power cable and drain hose must be lagged and secured onto the rear of the unit with a pipe connection.

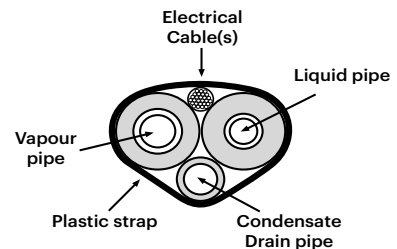
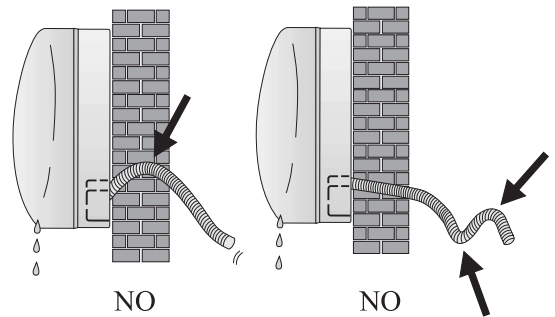
- Insert the pipe connection into the relative slot.
- Press to join the pipe connection to the base.

After connecting the pipe according to the instructions, install the connection cables. Now install the drain pipe. After connecting, lag the pipe, cables and drain pipe with the insulating material.

- Arrange the pipes, cables and drain hose.
- Lag the pipe joints with insulating material, securing it with PVC tape.
- Run the bound pipe, cable and drain pipe through the wall hole and mount the indoor unit onto the upper part of the mounting plate securely.
- Press and push the lower part of the indoor unit tightly against the mounting plate.



YES

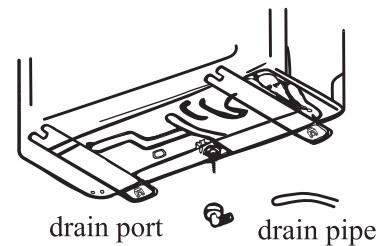


INSTALLATION MANUAL – Installation of the outdoor unit

OUTDOOR UNIT

The outdoor unit can be installed either on the ground or on a wall.

- If the unit is installed on a wall, ensure that the wall is solid and the unit is securely fastened to it.
- Choose a position on the wall which leaves enough room to be able to carry out maintenance easily.
- Fasten the support to the wall using screw anchors which are suited to the type of wall and are capable of supporting the weight of the unit.



INSTALLING THE CONDENSATE DRAIN

- Fit the drain port into the 25mm hole in the centre of the base as shown in the picture.
- Connect the drain pipe to the drain port, ensuring that the condensate is drained to a suitable place.



Ensure that the condensate does not pool on a path where it could freeze and create a slip hazard.

ELECTRICAL CONNECTIONS

1. Remove the electrical cover.
2. Connect the cable wires to the terminal board using the same numbering as in the indoor unit.
3. For the electrical connections, see the wiring diagram on the back of the cover.
4. Fasten the cables with a cable-clamp.
5. An efficient earth connection must be ensured.
6. Replace the electrical cover.



Must be installed, maintained and removed by authorised persons in accordance with AS/NZS 3000 and all other relevant local regulations and municipal building codes including OH&S requirements.

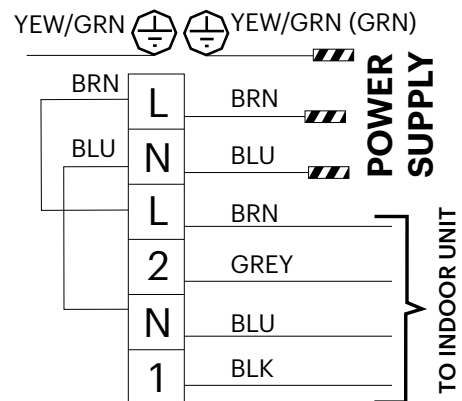
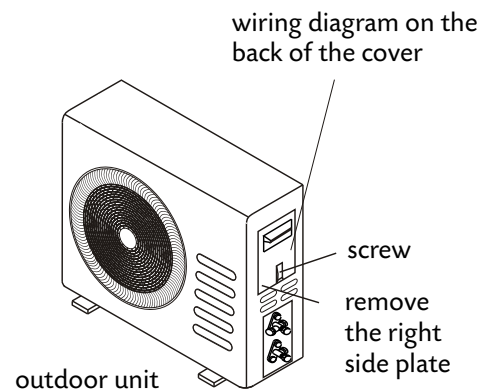
Ensure electric wiring is installed properly. Improper installation may cause malfunction, fire, or electric shock.

The unit must be earthed following local electrical codes.

DRED – DEMAND RESPONSE ENABLED DEVICE

This air conditioner has an inbuilt DRED function.

Connection method of the field supplied Demand Control Signal Receiver (DCSR) to the air conditioner can be found at: www.scandiastoves.com.au/downloads



INSTALLATION MANUAL – Installation of the outdoor unit

CONNECTING THE PIPES

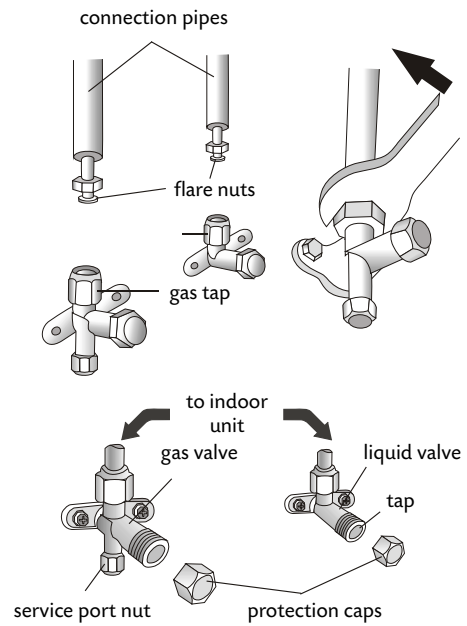
Screw the flare nuts to the outdoor unit coupling with the same tightening procedures described for the indoor unit.



To avoid leakage be aware of the following:

- Tighten the flare nuts using two wrenches, ensure the pipes are not damaged.
- If the tightening torque is not sufficient, there will be some leakage.
- If the tightening torque is excessive there will also be some leakage, as the flange could be damaged.

Refer to the table (right) for correct tightening torques.



PIPE	TIGHTENING TORQUE [N x m]
1/4" (ø6.35)	15 – 20
3/8" (ø9.52)	31 – 35
1/2" (ø12.7)	35 – 45
5/8" (ø15.88)	75 – 80

BLEEDING

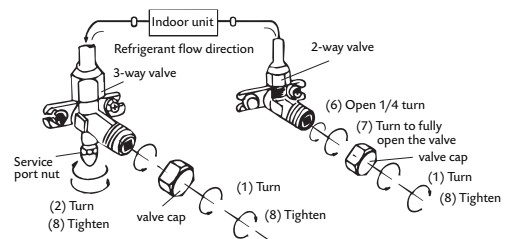
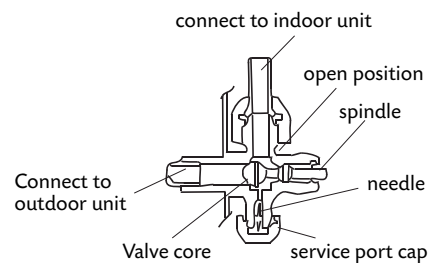


Air and humidity left inside the refrigerant circuit can cause the compressor to malfunction.

After connecting the indoor and outdoor units, bleed the air and humidity from the refrigerant circuit by using the vacuum pump as follows:

1. Unscrew and remove the caps from the 2-way (liquid) valve and the 3-way (gas) valve.
2. Unscrew and remove the cap from the service port on the 3-way (gas) valve.
3. Connect the charge hose from the low-pressure gauge (manifold gauge set) to the 3-way (gas) valve service port.
4. Open the low-pressure gauge valve (manifold gauge set). Turn on the vacuum pump for 10-15 minutes until an absolute vacuum of 1.3kPa has been reached.
5. With the vacuum pump still in operation, close the low-pressure gauge valve (manifold gauge set) and turn off the vacuum pump.
6. Disconnect the charge hose from the vapour valve service port and replace the vapour valve service port cap.
7. Open the 2-way (liquid) valve by 1/4 turn and then close it after 10 seconds. Check all the joints for leaks.

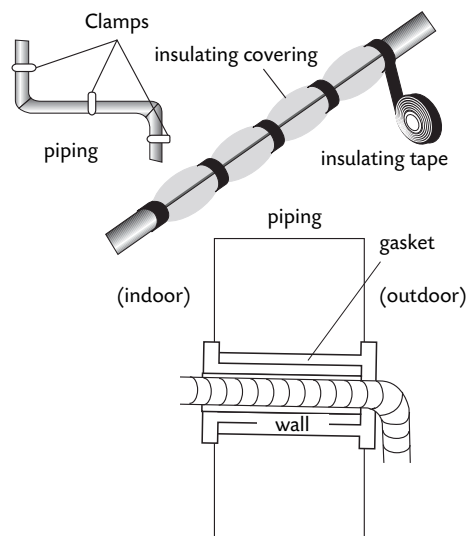
3-way valve diagram



INSTALLATION MANUAL – Operation test

COMPLETING THE INSTALLATION

1. Fit thermal insulation around the refrigerant piping and joints and retain with insulation tape.
2. Tie excess interconnecting cable to the refrigerant piping or the outdoor unit.
3. Attached the refrigerant piping to the wall using clamps.
4. Seal the hole in the wall through which the refrigerant piping has passed to prevent ingress of water or insects.






COMMISSIONING CHECKLIST

1. Has the system been checked for gas leakage?
2. Check the indoor fan is operating correctly?
3. Check the air conditioner switches between modes correctly?
4. Check the functioning of the Timer?
5. Do the flaps and deflectors move freely?
6. Check that the indoor condensate hose is freely draining?
7. Check that the outdoor unit does not have any abnormal noise or vibration?
8. Are all air inlets and outlets free of obstructions?
9. Are the 2- and 3-way valves open?
10. Has the homeowner been instructed in the use of the air conditioner?
11. Has the Certificate of Compliance been handed to the homeowner?

OPERATING INSTRUCTIONS

INDOOR UNIT DISPLAY



No.	LED	Icon	Function
1	SLEEP		SLEEP mode
2	Temperature display (if present) /Error code		(1) Lights up during Timer operation when the air conditioner is operational. (2) Displays the malfunction code when fault occurs.
3	TIMER		Lights up during TIMER operation.



The shape and position of switches and indicators may be different according to the model, but their function is the same.

It only shows two numbers in the indoor display though there are 3 numbers on the display of the remote controller. (Example: it is 28.5 on the display of the remote controller but 28 on the indoor display).

EMERGENCY FUNCTION & AUTO-RESTART FUNCTION

EMERGENCY FUNCTION

If the remote control fails to work, the air conditioner can be operated with reduced functionality from the indoor unit as follows:

Open and lift the front panel up to an angle to reach the emergency button:

1. One press of the emergency button (one beep) will force the air conditioner into COOLING operation.
2. Two presses of the emergency button within 3 seconds (two beeps) will force the air conditioner into HEATING operation.
3. To turn the air conditioner off, press the button again (a single long beep).
4. After 30 minutes in forced operation, the air conditioner will automatically start working in 23°C cooling mode, auto fan speed.



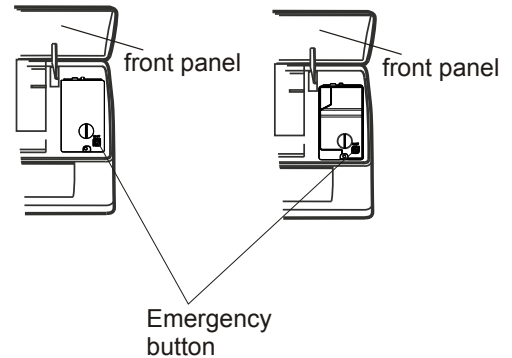
The shape and position of the emergency button may be different according to the model, but their function is the same.

AUTO-RESTART FUNCTION

If a power failure occurs, the air conditioner is preset to AUTO-RESTART in the state it was in before the power failure.

To deactivate the AUTO-RESTART function, proceed as follows (two people will be required):

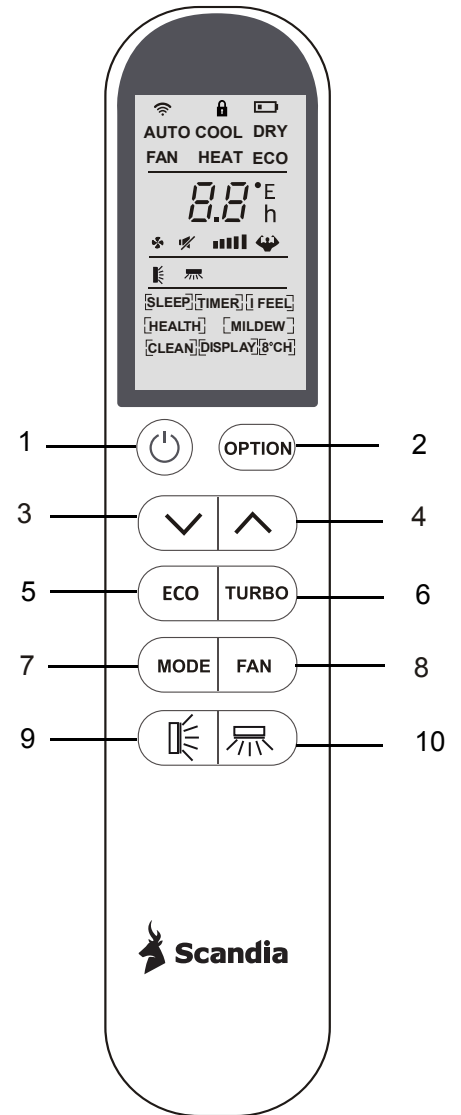
1. Switch the outdoor unit off at the mains connections.
2. Whilst one person presses the emergency button on the indoor unit, the second person turns on the outdoor unit.
3. Keep pressing the emergency button for more than 10 seconds until four short beeps are heard. AUTO-RESTART is now de-activated.
4. To activate AUTO-RESTART follow the above procedure except three short beeps will be heard instead of four.



The emergency button in some models could be on the right part of the unit under the front panel.

REMOTE CONTROL

No.	Button	Function
1		To turn ON or OFF the air conditioner.
2	OPTION	To activate or deactivate optional function (Check below table).
3		To decrease temperature, time setting or choose the function.
4		To increase temperature, time setting or choose the function.
5	ECO	Press this button to activate/deactivate the ECO function.
6	TURBO	Press this button to activate/deactivate the TURBO function which enables the unit to reach the preset temperature in the shortest time.
7	MODE	To select the mode of operation (AUTO / COOL / DRY / FAN / HEAT)
8	FAN	To select the fan speed of auto/mute/low/mid/high/turbo, cycle as below:
9		To activate the swing of horizontal flap (up/down) or deactivate it.
10		To activate the swing of vertical flap (left/right) or deactivate it.



ON/ OFF	Mode	Function
ON	AUTO	TIMER DISPLAY HEALTH IFEEL 8°C H
	COOL	TIMER DISPLAY HEALTH SLEEP MILDEW IFEEL 8°C H
	DRY	TIMER DISPLAY HEALTH MILDEW IFEEL 8°C H
	FAN	TIMER DISPLAY HEALTH IFEEL 8°C H
	HEAT	TIMER DISPLAY HEALTH SLEEP IFEEL 8°C H
OFF	AUTO	CLEAN TIMER DISPLAY HEALTH IFEEL 8°C H
	COOL	CLEAN TIMER DISPLAY HEALTH SLEEP MILDEW IFEEL 8°C H
	DRY	CLEAN TIMER DISPLAY HEALTH MILDEW IFEEL 8°C H
	FAN	CLEAN TIMER DISPLAY HEALTH IFEEL 8°C H
	HEAT	CLEAN TIMER DISPLAY HEALTH SLEEP IFEEL 8°C H

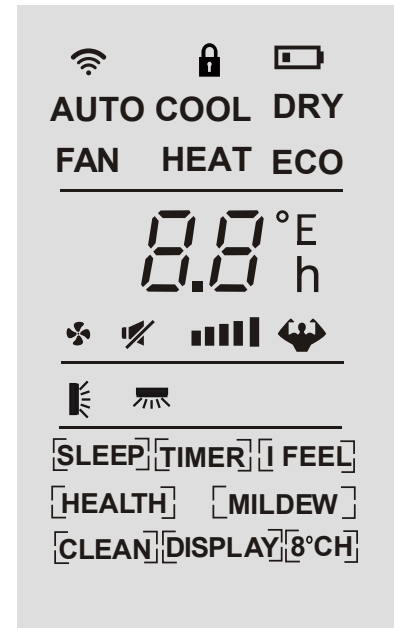
HEALTH (Optional Function: generate the ionizer)
 (optional Function: 8°C Heating)

REMOTE CONTROL

Remote control DISPLAY

Meaning of symbols on the liquid crystal display

No.	Symbols	Function
1		Signal indicator
2		Child Lock function indicator
3		Battery indicator
4	AUTO	Mode Auto function indicator
5	COOL	Mode Cooling indicator
6	DRY	Mode Dry indicator
7	FAN	Mode Fan indicator
8	HEAT	Mode Heating indicator
9	ECO	ECO function indicator.
10	23h [TIMER]	Timer function
11	28°C	Temperature indicator
12		To select the fan speed of auto/mute/low/mid/high/turbo, cycle as per scheme left.
13		TURBO indicator
14		Flap swing angle indicator
15		Deflector swing angle indicator
16	[SLEEP] [TIMER] [FEEL] [HEALTH] [MILDEW] [CLEAN] [DISPLAY] [8°C]	Optional functions indicator



You will hear a beep when you press the option button to select the following optional functions, though the actual model may not have this function:

HEALTH (Optional Function: generate the ionizer)

[8°C] (optional Function: 8°C Heating)

REMOTE CONTROL

Replacement of Batteries

Remove the battery cover plate from the rear of the remote control, by sliding it in the direction of the arrow.

Install the batteries in accordance with the indicated direction (+ and -) shown on the Remote Control.

Reinstall the battery cover by sliding it into place.



Use 2 LRO 3 AAA (1.5V) batteries. Do not use rechargeable batteries. Replace the old batteries with new ones of the same type when the display is no longer legible.

Please remove batteries to avoid leakage damage when not using for extended periods.



When you insert the batteries into the remote control for the first time or when you change them, you can program the remote control for only cooling or heating or cooling.

1. Long press MODE button over 5s to get into the change mode within 3 minutes.
2. Press MODE button to change COOL or HEAT.

Note: If you adjust the remote control in cooling only mode, it will not be possible to activate the heating function. You will need to take out the batteries and repeat the procedure described above.



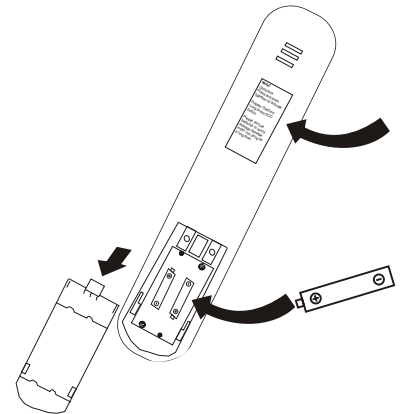
When you insert the batteries for the first time in the remote control or if you change them, you can program the temperature display switch over function between °C and °F.

1. Long press TURBO button over 5s to get into the change mode within 3 minutes.
2. Press TURBO button to change °C and °F.

Note: If you want to change the temperature display back to °C, you will need to take out the batteries and repeat the procedure described above.



1. Direct the remote control toward the air conditioner.
2. Check that there are no objects between the remote control and the Signal receptor in the indoor unit.
3. Never leave the remote control exposed to the sun.
4. Keep the remote control at a distance of at least 1m from the television or other electrical appliances.



Note:

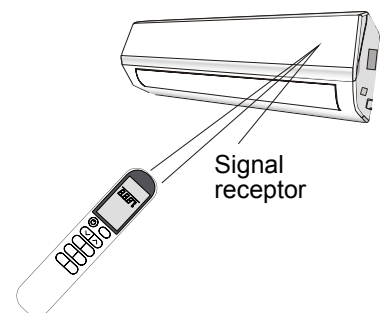
Child-lock:

Press buttons ∇ and \blacktriangle together to activate.

Display ON/OFF:

Long press ECO button.

Please remove batteries to avoid leakage damage when not using for extended periods.



OPERATING INSTRUCTIONS

OPERATING MODES

ON

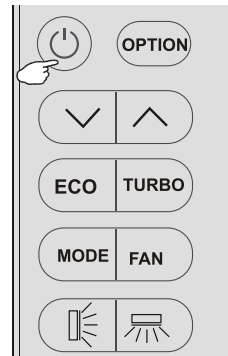
When the air conditioner is off (standby):

1. Press the ON/OFF button to turn on the air conditioner. The air conditioner will begin to operate. All current operational settings, modes and the battery status are shown on the LCD screen.

OFF

When the air conditioner is running:

1. Press the ON/OFF button to turn off the air conditioner. The air conditioner will be placed into standby. The previous operation mode and the battery status are shown on the LCD screen.

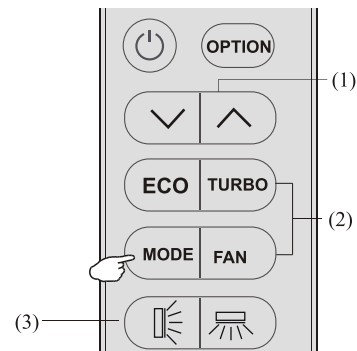


HEATING MODE

HEAT

The heating function allows the air conditioner to heat the room.

1. To activate the heating function (HEAT), press the **MODE** button until the symbol HEAT appears on the display.
2. Set the required temperature by pressing the button ∇ or \blacktriangle . The air conditioner will heat when the set temperature is higher than that of the room.
3. To optimise the heating function, adjust the Temperature (1), the Speed (2) and the Direction of the Air Flow (3) by pressing the buttons indicated.



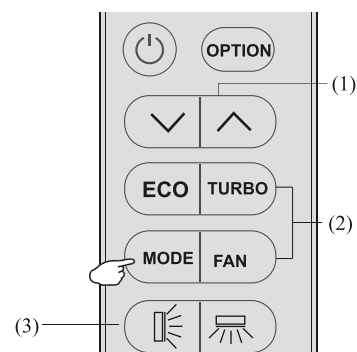
In HEATING operation, the air conditioner will automatically activate a defrost cycle to clear ice from the outdoor coil so as to recover its ability to operate efficiently. This procedure usually lasts for 2-10 minutes. During defrosting, the indoor unit fan stops operating. After defrosting, the air conditioner resumes the HEATING mode automatically.

COOLING MODE

COOL

The cooling function allows the air conditioner to cool the room and at the same time reduces humidity.

1. To activate the cooling function (COOL), press the **MODE** button until the symbol COOL appears on the display.
2. Set the required temperature by pressing the button ∇ or \blacktriangle . The air conditioner will cool when the set temperature is lower than that of the room.
3. To optimise the function, adjust the Temperature (1), the Speed (2) and the Direction of the Air Flow (3) by pressing the buttons indicated.



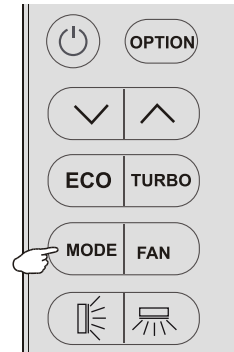
OPERATING INSTRUCTIONS... cont

DRY MODE

DRY

This function reduces the humidity of the air to make the room more comfortable.

1. To activate the DRY function, press **MODE** button until DRY appears in the display. An automatic function of alternating cooling cycles and air fan is activated.

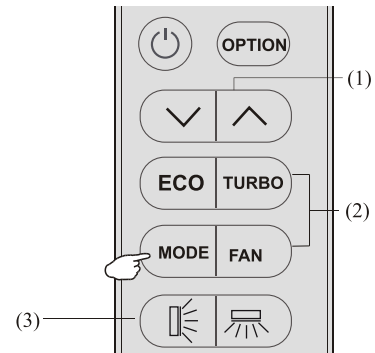


FAN MODE (Not the FAN button)

FAN

The air conditioner uses the fan to circulate room air without changing the room temperature.

1. To activate the FAN function, press **MODE** button until FAN appears in the display.
2. To optimise the FAN function, adjust the Speed (2) and the Direction of the air flow (3) by pressing the buttons as indicated.

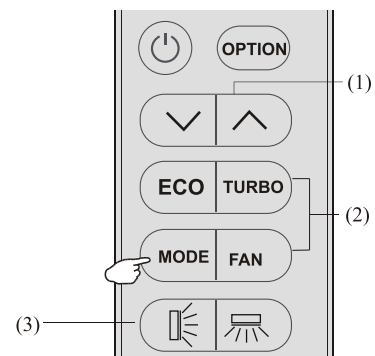


AUTO MODE

AUTO

In AUTO mode the air conditioner will run automatically in heat, dry or cool mode according to the room temperature.

1. To activate the AUTO function, press the **MODE** button on the remote control until the symbol AUTO appears on the display.
2. To optimise the AUTO function, adjust the Temperature (1), the Speed (2) and the Direction of the air flow (3) by pressing the buttons as indicated.



The table (right) describes the relationship between room temperature and modes of operation when set to AUTO.

Note: Room temperature is measured at the indoor unit and not the remote control. The auto temp can be adjusted by $\pm 2^{\circ}\text{C}$ only from the values listed.

ROOM TEMP	OPERATION MODE	AUTO TEMP
< 20°C	Heating	23°C
20°C – 26°C	Drying	18°C
> 26°C	Cooling	23°C

OPERATING INSTRUCTIONS... cont

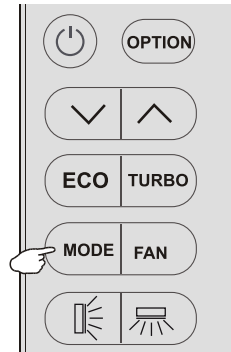
ECO FUNCTION

ECO

In ECO mode the air conditioner automatically sets the operation to achieve energy savings.

1. To activate ECO operation, press the ECO button, the air conditioner will run in ECO mode and ECO will be shown on the LCD screen.
2. To turn off ECO operation, press the ECO button again and ECO operation will be cancelled and ECO will no longer be shown on the LCD screen.

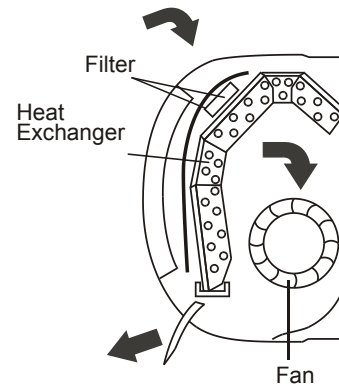
Note: The ECO function is available in COOLING and HEATING modes.



AIR DISTRIBUTION

The room air enters the indoor unit through the grille and passes, firstly, through the air filter then through the heat exchanger where it is cooled/ dehumidified or heated.

The direction of the air outlet is controlled by motors that move the flaps up and down and the deflectors from side to side.



ADJUSTING THE FAN SPEED

FAN


The fan speed can be adjusted manually or set to automatic.

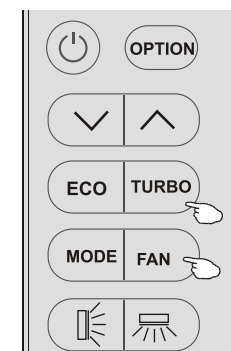
1. Press the FAN button until the desired fan speed is shown on the LCD screen. The Fan Speed will cycle through Auto, Mute, Low, Medium, High and Turbo.

TURBO FUNCTION



The TURBO function enables the unit to reach the set temperature in the shortest time.

1. To activate the turbo function, press the TURBO button, alternatively press the FAN button until the symbol  appears on the display.
2. To cancel the TURBO function, press TURBO again. Alternatively, press the FAN button to switch to another fan speed.



Note: In AUTO/HEAT/COOL/FAN mode. When you select the TURBO feature, it will use the highest fan setting to increase the air flow.

OPERATING INSTRUCTIONS... cont

ADJUSTING VERTICAL AIRFLOW



The flap position directs the air in a vertical direction.

1. To adjust the flap position, press the button. The flap will now move up and down to produce an even diffusion of air in the room.
2. To lock the flap in one position, wait until the flaps are in the desired position and then press the button again. The flap will now be locked in that position.
3. To revert to swing mode press the button again.

Note: For optimal airflow in cooling mode, position the flaps in the horizontal position.

For optimal airflow in heating mode, position the flaps in a downward direction.

ADJUSTING HORIZONTAL AIRFLOW



The deflector position directs the air in a horizontal direction.

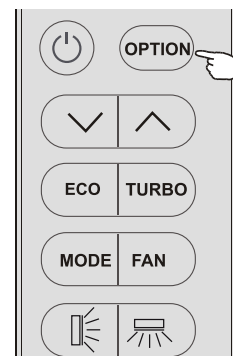
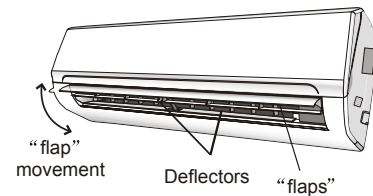
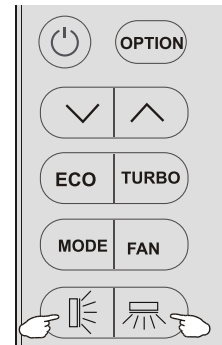
1. To adjust the deflectors position, press the button. The deflectors will now move side to side to produce an even diffusion of air in the room.
2. To lock the deflectors in one position, wait until the deflectors are in the desired position and then press the button again. The deflectors will now be locked in that position.
3. To revert to swing mode press the button again.

DISPLAY FUNCTION (Indoor display)



This function switches the LED display on the indoor unit ON/OFF.

1. To activate this function, press the **OPTION** button then press the or buttons until the symbol DISPLAY is flashing on the remote control.
2. Press **OPTION** again to switch off the LED display on the indoor panel and appears on the remote control. Press **OPTION** again to switch on the LED display.



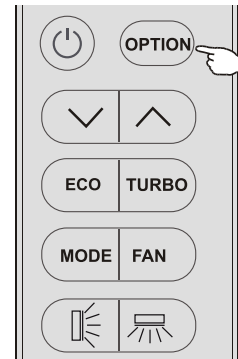
OPERATING INSTRUCTIONS... cont

SLEEP FUNCTION

[SLEEP]

This function keeps the air conditioner operating for 10 hours after which it switches off automatically.

1. To activate this function, press **OPTION** button then press the ∇ or \blacktriangle buttons until the symbol SLEEP is flashing on the remote control.
2. Press **OPTION** again to activate the SLEEP function, and [SLEEP] is displayed on the remote control.
3. Repeat the above to deactivate the SLEEP function.



TIMER FUNCTION

[TIMER]
23h

This function switches the air conditioner ON/OFF after a pre-determined interval.

1. To activate this function press **OPTION** then press the ∇ or \blacktriangle buttons until the symbol TIMER is flashing on the remote control.
2. Press **OPTION** again, the time interval will be displayed like 6.5h and TIMER will be flashing.
3. To set the timer or change the timer:
 1. Press the ∇ or \blacktriangle buttons to set the required time interval in half hour increments.
 2. Press **OPTION** or wait for 5 seconds without any operation to confirm the timer, the pre set time like 6.5h and the symbol [TIMER] will be on the display.
4. To cancel this function, press **OPTION** then press ∇ or \blacktriangle buttons until TIMER is flashing. Press **OPTION** again, the time interval 6.5h will be displayed and [TIMER] will be flashing. Press **OPTION** again to cancel the timer.

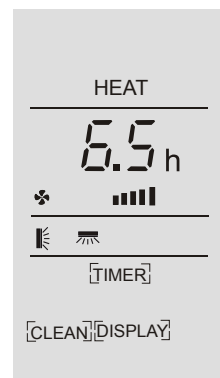
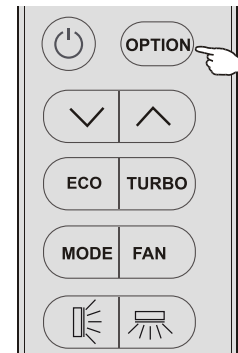


Figure 1, Timer-on when switch off

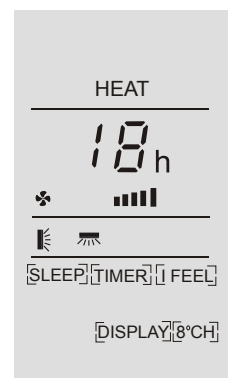


Figure 2, Timer-off when switch on

A sample depicting the Timer-ON is shown in Figure 1 and Timer-OFF in Figure 2.

Note: All processing should be operated in 5 seconds, otherwise the timer option will be cancelled.

OPERATING INSTRUCTIONS... cont

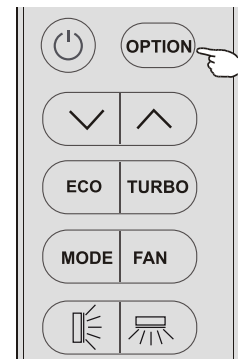
I FEEL FUNCTION

[I FEEL]

This function optimises the temperature around you to ensure maximum comfort. The remote control measures the temperature at its current location and sends this signal 7 times in 2 hours to the air conditioner to enable the air conditioner to optimise operation.

1. To activate this function press **OPTION** then press ∇ or \blacktriangle buttons until the symbol I FEEL is flashing on the remote control.
2. Press **OPTION** again to activate the I FEEL function. [I FEEL] is displayed on the remote control.
3. Press **OPTION** again to turn off the [I FEEL] function.

Note: It will automatically deactivate 2 hours later.



MILDEW FUNCTION

[MILDEW]

This function keeps the indoor fan running for about 15 minutes after the air conditioner is turned off to dry out any condensate that is on the indoor parts such as the coil to avoid mildew, when the air conditioner is off.

1. To activate this function press **OPTION** then press the ∇ or \blacktriangle buttons until the symbol MILDEW is flashing on the remote control.
2. Press **OPTION** again to turn on the MILDEW function. [MILDEW] is displayed on the remote control.
3. Press **OPTION** again to turn OFF the MILDEW function.

Note: MILDEW function is only available in DRY/COOLING mode.

8°C HEATING FUNCTION

[8° CH]

This function allows the air conditioner to start automatically when the indoor temperature is less than or equal to 8°C. It will return to standby if the temperature is equal to or more than 18°C.

1. To activate this function, press the **OPTION** button then press the ∇ or \blacktriangle buttons until the symbol 8°C H is flashing on the remote control.
2. Press **OPTION** again to turn on the 8°C function. [8° CH] is displayed on the remote control.
3. Press **OPTION** again to turn off the 8°C function.

OPERATING INSTRUCTIONS... cont

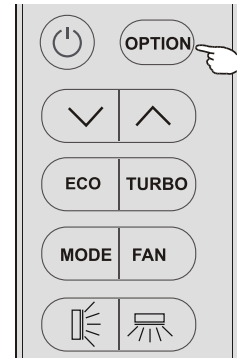
SELF-CLEAN FUNCTION

[CLEAN]

This function cleans accumulated dirt from the indoor coil.

We suggest operating this function during the following ambient conditions to avoid activating certain safety protection features.

Indoor Unit	Temp < 30°C
Outdoor Unit	5°C < Temp < 30°C



1. To activate this function press the **OPTION** then press the ∇ or \blacktriangle buttons until CLEAN is flashing on the remote control.
2. Press **OPTION** again to turn on the SELF CLEAN function.
[CLEAN] is displayed on the remote control.
3. Press **OPTION** again to turn off the SELF CLEAN function.
4. This function will run for about 30 minutes and it will return to the previous mode when finished. To cancel this function during the SELF CLEAN operation, press the ⏻ button. When the SELF CLEAN operation is cancelled or completed, two beeps will be heard on the remote control.
5. It is normal to hear some noise during this operation as plastic materials expand and contract.
6. As part of maintenance we suggest operating this function every 3 months.

Wi-Fi

This air conditioner is already equipped with in-built Wi-Fi.

To access this feature, you will need a smartphone with the following minimum specifications.

Android 5.0 version or higher

iOS 9.0 version or higher

The User Manual is available at:

www.scandiastoves.com.au/downloads

MAINTENANCE

Note: There are no user serviceable components in the air conditioner. All servicing must be done by a suitably licensed, qualified technician.

Periodic maintenance is required to keep your air conditioner operating efficiently.



Turn off the power before you perform any maintenance; otherwise it may cause electric shock.

Only use water less than 45°C to clean the filters otherwise it may cause deformation or discolouration.

Never use aggressive solvents or detergents when you clean the filters. They may damage the air filter.

HOW TO CLEAN INDOOR UNIT AIR FILTER.

If the air filter becomes clogged with dust, airflow will be reduced and the air conditioner will not heat or cool as well as expected.

Air Filters

1. Open the front panel.
2. Keeping the front panel open remove the air filter(s).
3. Clean the air filter with water. If the air filter is contaminated with oil, it can be washed with warm water (not exceeding 45°C).
4. Leave the air filter to dry in the shade.
5. Once the air filter has dried, refit it into the air conditioner.



Never operate the air conditioner without the air filters fitted.

How to clean the Indoor Unit Casing

Clean the indoor unit casing using a cloth with water less than 40°C and neutral soap.

Indoor Condensation Drain

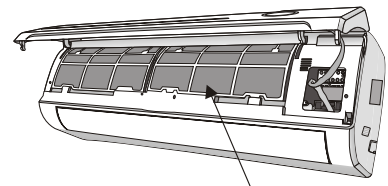
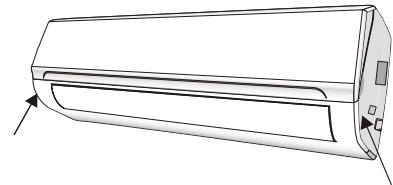
Periodically check that the condensate drain from the indoor unit is free of any blockages.

How to clean the Outdoor Unit

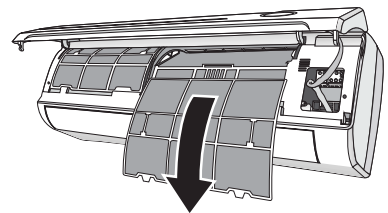
Regularly remove any leaves and debris from around the outdoor unit to keep the air conditioner operating efficiently.

End of Season Maintenance

1. Disconnect the automatic switch .
2. Clean and/or replace the filters.
3. On a sunny day let the air conditioner work in ventilation mode for some hours so that the inside of the unit can dry completely.



anti-dust filter



TROUBLESHOOTING

MALFUNCTION	POSSIBLE CAUSE
The appliance does not operate	Power failure/isolating switch off.
	Damaged indoor/outdoor unit fan motor.
	Faulty compressor thermomagnetic circuit breaker.
	Faulty protective device of fuses.
	Loose connections.
	It sometimes stops operating to protect the appliance.
	Voltage higher or lower than the voltage range.
	Active TIMER-ON function.
Strange odour	Damaged electronic control board.
Strange odour	Air filter dirty.
Noise of running water	Back flow of liquid in the refrigerant circulation.
A fine mist comes from the air outlet	This occurs when the air in the room becomes very cold, for example in the COOLING or DEHUMIDIFYING/DRY modes.
A strange noise can be heard (when in self cleaning mode)	This noise is made by the expansion or contraction of the front panel due to variations in temperature and does not indicate a problem.
Insufficient air flow, either hot or cold	Inappropriate temperature setting.
	Air inlet or outlet of indoor or outdoor unit has been blocked.
	Air filter is blocked.
	Fan speed set at minimum.
	Other sources of heat in the room.
The appliance does not respond to commands	No refrigerant.
	Remote control is not near enough to indoor unit.
	Battery in Remote control may need replacing.
The display is off	Obstacles between remote control and signal receiver in indoor unit.
	Active LED function.
The display is off	Power failure.
	Switch off the air conditioner immediately and cut off the power supply in the event of:
Strange noises during operation	
Faulty electronic control board	
Faulty fuses or switches	
Spraying water or objects inside the appliance	
Overheated cables or plugs	
Very strong smells coming from the appliance	

ERROR SIGNALS ON THE DISPLAY		
In case of error the display on the indoor unit shows the following error codes		
	RUN lamp	Description of the error
E1	flashes once	A fault in the indoor temperature sensor
E2	flashes twice	A fault in the indoor pipe temperature sensor
EE	flashes 6 times	Malfunction of the indoor fan motor

WARRANTY

This limited warranty is given by Scandia Group Pty Ltd (ACN 104 878 588) (Scandia or we) to the original retail purchaser (you) of the air conditioner to which the warranty applies.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any 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.

The benefits that this Warranty provides are in addition to other rights and remedies available to you under the Australian Consumer Law. This Warranty does not limit those rights and remedies.



IMPORTANT

For this Warranty to apply, within 30 days after the original purchase you must either:

- fully complete the Warranty Registration Form online at www.scandiaovens.com.au/warranty; or
- complete the attached Warranty Registration Card and mail it to our mailing address (below).

By registering for the Warranty, you also agree that, to the extent permitted by law, our liability to you on any basis in relation to the air conditioner (other than under the Australian Consumer Law) is limited to our obligations under this Warranty.

SCOPE OF WARRANTY

If a defect in material or workmanship appears in the following parts within the corresponding warranty period after the date of the original purchase, such as to make the air conditioner unfit for normal home use and you comply with the requirements below regarding making a claim, then, subject to the exclusions below, we will replace or repair the relevant part or (at our option) replace the entire air conditioner with the same or comparable model.

PART	WARRANTY PERIOD
Head Unit (indoor)	5 Years
Air Conditioner CDU (outdoor)	5 Year

To the extent permitted by law, our liability under this Warranty is limited to this replacement or repair obligation.

EXCLUSIONS

This Warranty **does not apply**:

1. Where the defect is not due to the original design or manufacture of the part (including where the air conditioner, part or accessory has been subject to accident, abuse, alteration, misuse or neglect or has been installed, inspected, operated or maintained improperly or negligently or not in accordance with applicable local laws and regulations and any instructions or specifications provided with the air conditioner).
2. Where the air conditioner has not been installed by a Qualified Installer. A Certificate(s) of Compliance (if required by law upon installation) or equivalent must be obtained by the purchaser from a Qualified Installer at the time of installation and presented when making a claim under this Warranty.
3. Defects caused by factors external to the air conditioner including, but not limited to, faulty or poor external electrical wiring, incorrect or faulty power supply, voltage fluctuations, over voltage transients or electromagnetic interference, or inadequate or faulty drainage service.
4. Defects caused by acts of God, fire, wind, lightning, flood, storm fallout, vandalism, earthquake, war, civil insurrection, misuse, abuse, negligence, accident, pests, animals, pets, vermin, insects, spiders/bugs or entry of foreign objects or matter into the air conditioner such as dirt, debris, soot or moisture.
5. Defects caused by environmental conditions including, but not limited to, excessive moisture, salt or other corrosive substances or atmospheric conditions.
6. Where the air conditioner has been installed in a portable building, structure or application including, but not limited to, a caravan, boat or trailer.
7. Where the air conditioner has been re-installed at a location other than the original site.
8. Where the defect is in or relates to any consumable item supplied with the air conditioner including, but not limited to, an air filter or battery.

WARRANTY... cont

9. Where the defect is in or relates to any third-party components that may be attached to the air conditioner. These include, but are not limited to, wiring, pipe work and fabricated or added components. These items remain solely the responsibility of the Qualified Installer.
10. Where the air conditioner has been installed at a location where electrics/electronics may be subjected to moisture/chemicals (e.g. swimming pools or nurseries).
11. Where the air conditioner has been used in an environment (whether indoor or outdoor) that is outside its specified operating range.
12. In the case of fair wear and tear to the air conditioner.

HOW TO MAKE A CLAIM

Any claim under this Warranty must be in writing to our mail or email address below. It must be sent within the applicable warranty period and must state:

1. The model and serial number of the air conditioner
2. The place, price and date of purchase
3. Certificate(s) of Compliance (if required by law upon installation) or equivalent
4. Reasonable details of the defect, including both indoor and outdoor images of the installation if the air conditioner has been installed to any extent.

As part of making your claim, **You** must provide to us any further images or information that we reasonably request, and permit a service person arranged by us to inspect the air conditioner and its installation (if applicable) at a mutually convenient time during business hours.

If you do not provide the required images, or the images or details that you provide are misleading, and an inspection reveals that this warranty does not apply (e.g. due to one of the exclusions above) then we may charge you for the relevant site visit at our applicable rates.

If the air conditioner has not been installed, then at any time we may require that you return the air conditioner to the original place of purchase (and collect it from there once the replacement or repair is complete) at your cost.

Scandia will not be responsible for any associated freight, disconnection or re-installation costs (including labour costs).

REGISTER YOUR PRODUCT



REGISTER ONLINE

Register your product warranty online within 30 days of purchase by visiting:

www.scandiastoves.com.au/warranty

The personal information that you provide as part of warranty registration will be used by Scandia to provide you with information about your purchase on request and as part of verification of any claim under this Warranty.



REGISTER BY MAIL

Alternatively, please complete the attached Warranty Registration Card within 30 days of purchase and return to:

Scandia Group Pty Ltd

**58 Access Way, Carrum Downs,
Victoria, Australia, 3201**

Ph: 1300 432 837

Email: service@scandiastoves.com.au

ADINA AIR CONDITIONER – SPARE PARTS

2.5kW/2.6kW SPARE PARTS LIST – HEAD UNIT

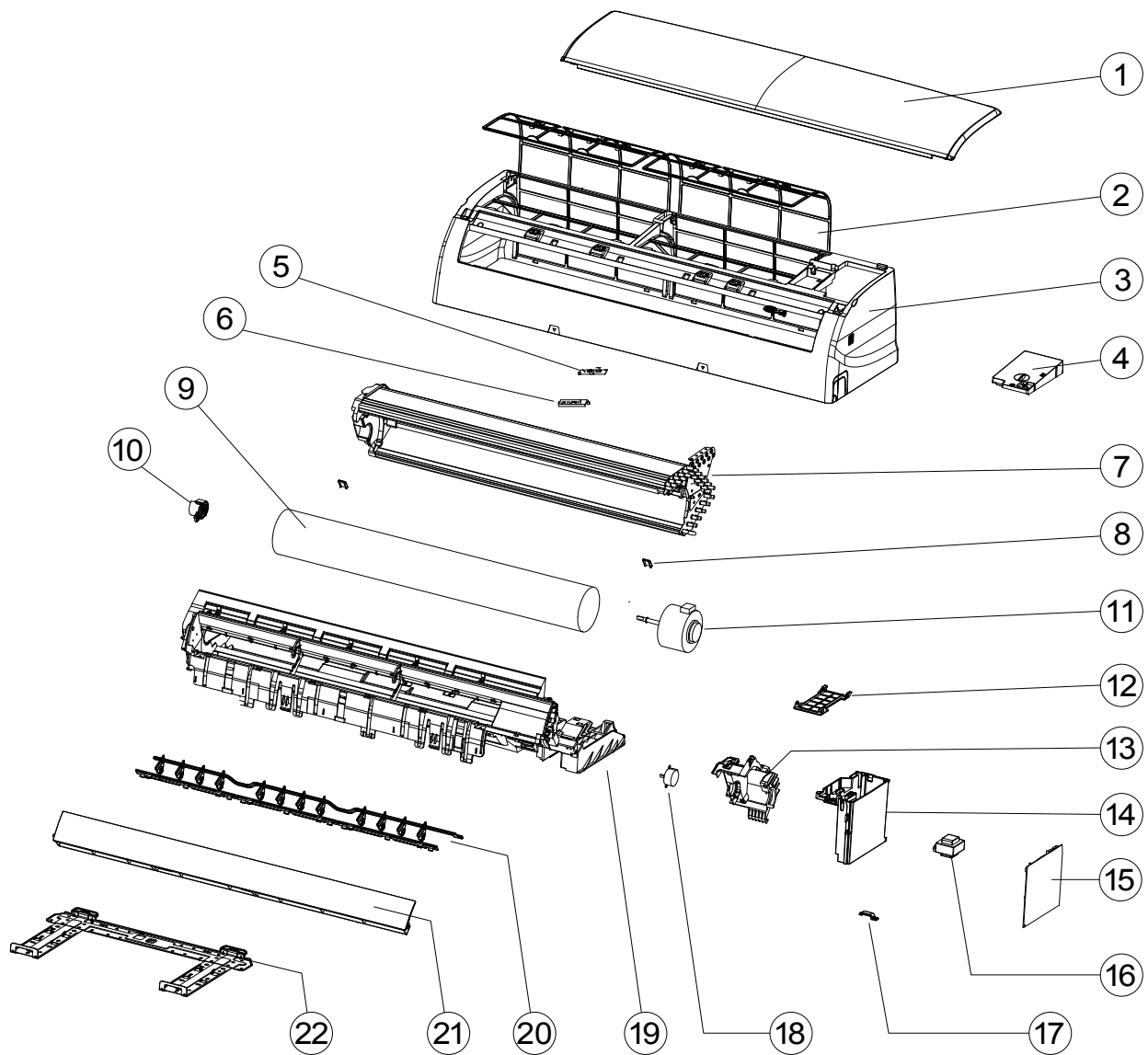
3.3kW/3.4kW SPARE PARTS LIST – HEAD UNIT

LEGEND	PART	QTY	SCANDIA PART NO.(INDOOR)	
			2.5kW / 2.6kW	3.3kW / 3.4kW
1	Front Panel	1	SG031200052	SG031200054
2	Air Filter	2	SG031200027	SG031200028
3	Face Frame	1	Enquire	Enquire
4	Electrical Box Cover	1	Enquire	Enquire
5	Display PCB	1	SG031200071	SG031200071
6	Display PCB Box	1	Enquire	Enquire
7	Evaporator	1	SG031200008	SG031200009
8	Screw Cover	2	Enquire	Enquire
9	Cross Fan	1	SG031200020	SG031200021
10	Bearing Mount	1	Enquire	Enquire
11	Indoor Motor	1	SG031200040	SG031200041
12	In and Out Pipe Fixer	1	Enquire	Enquire
13	Indoor Motor Cover	1	Enquire	Enquire
14	Electrical Box	1	Enquire	Enquire
15	Main PCB	1	SG031200073	SG031200074
16	Transformer	1	SG031200088	SG031200088
17	Cable Clamp	1	Enquire	Enquire
18	Vane Motor 1	1	SG031200047	SG031200047
	Vane Motor 2	1	SG031200048	SG031200048
19	Base	1	SG031200049	SG031200050
20	Vertical Vane Assembly	2	SG031200017	SG031200018
21	Vane	1	SG031200030	SG031200031
22	Installation Plate	1	SG031200076	SG031200077
23	Indoor Sensor Assembly (Not Shown in Diagram)	1	SG031200087	SG031200087
24	Remote Control (Not Shown in Diagram)	1	Enquire	Enquire
25	Wi-Fi Module (Not Shown in Diagram)	1	SG030800034	SG030800034

ADINA AIR CONDITIONER – EXPLODED DIAGRAM

2.5kW/2.6kW SPARE PARTS LIST – HEAD UNIT

3.3kW/3.4kW SPARE PARTS LIST – HEAD UNIT



ADINA AIR CONDITIONER – SPARE PARTS

5.1kW/5.1kW SPARE PARTS LIST – HEAD UNIT

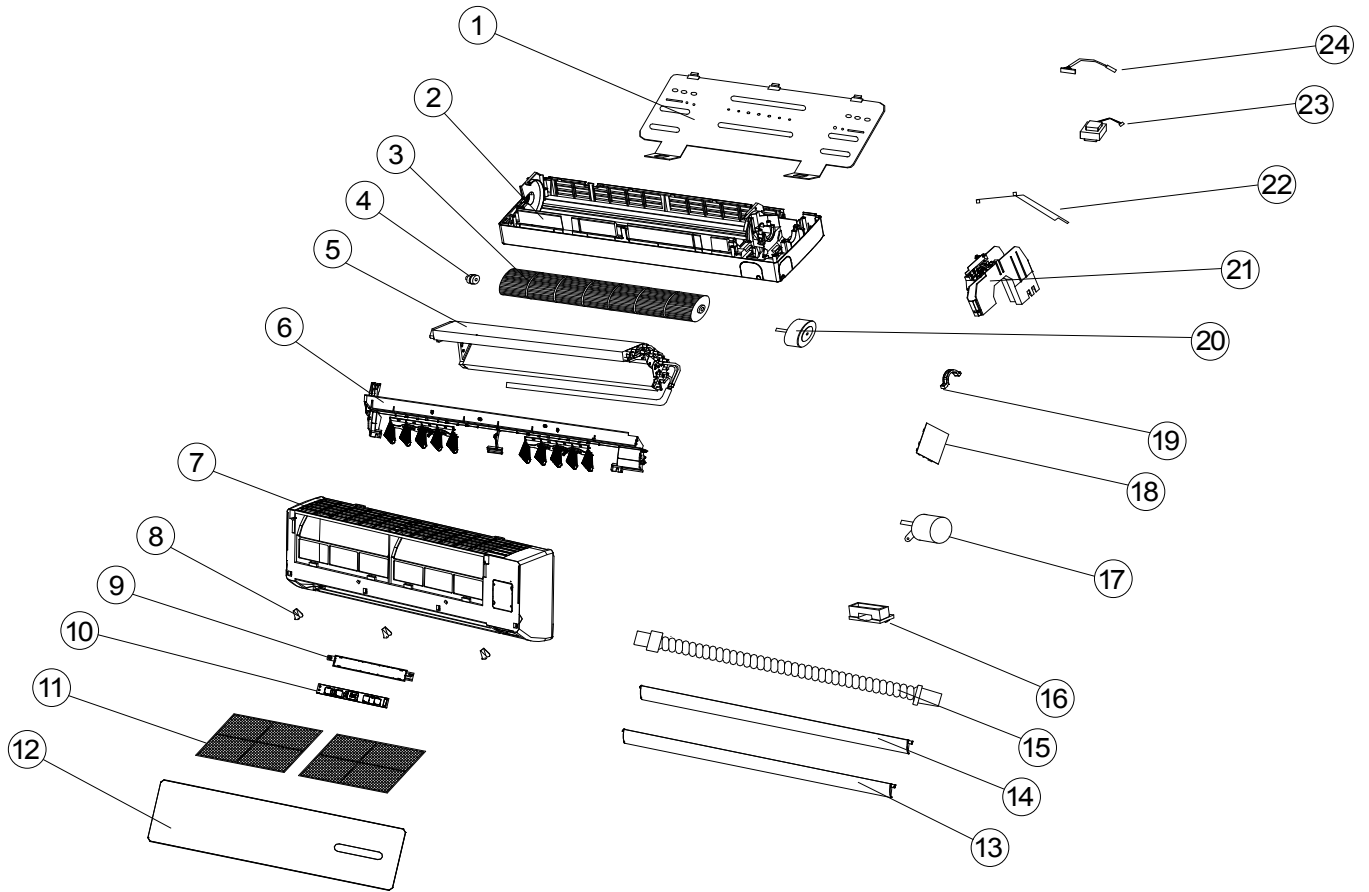
7.3kW/8.0kW SPARE PARTS LIST – HEAD UNIT

LEGEND	PART	QTY	SCANDIA PART NO. (INDOOR)	
			5.1kW / 5.1kW	7.3kW / 8.0kW
1	Installation Plate	1	SG031200078	SG031200078
2	Base	1	SG031200051	SG031200051
3	Cross Fan	1	SG031200022	SG031200022
4	Bearing Mount	1	Enquire	Enquire
5	Evaporator	1	SG031200010	SG031200011
6	Water Drainage Assembly	1	SG031200019	SG031200019
7	Face Frame	1	Enquire	Enquire
8	Screw Cover	4	Enquire	Enquire
9	Display PCB	1	SG031200072	SG031200072
10	Display PCB Box	1	Enquire	Enquire
11	Air Filter	2	SG031200029	SG031200029
12	Front Panel	1	SG031200056	SG031200056
13	Up Vane	1	SG031200033	SG031200033
14	Down Vane	1	SG031200032	SG031200032
15	Drainage Hose	1	Enquire	Enquire
16	Cable Clamp	1	Enquire	Enquire
17	Vane Motor 1	2	SG031200039	SG031200039
	Vane Motor 2	1	SG031200038	SG031200038
18	Main PCB	1	SG031200075	SG031200075
19	Indoor Motor Cover	1	Enquire	Enquire
20	Indoor Motor	1	SG031200042	SG031200042
21	Electrical Box	1	Enquire	Enquire
22	Electrical Box Cover	1	Enquire	Enquire
23	Transformer	1	Enquire	Enquire
24	Indoor Sensor Assembly	1	SG031200087	SG031200087
25	Remote Control (Not Shown in Diagram)	1	Enquire	Enquire
26	Wi-Fi Module	1	SG030800034	SG030800034

ADINA AIR CONDITIONER – EXPLODED DIAGRAM

5.1kW/5.1kW SPARE PARTS LIST – HEAD UNIT

7.3kW/8.0kW SPARE PARTS LIST – HEAD UNIT



ADINA AIR CONDITIONER – SPARE PARTS

2.5kW/2.6kW SPARE PARTS LIST – CONDENSOR UNIT

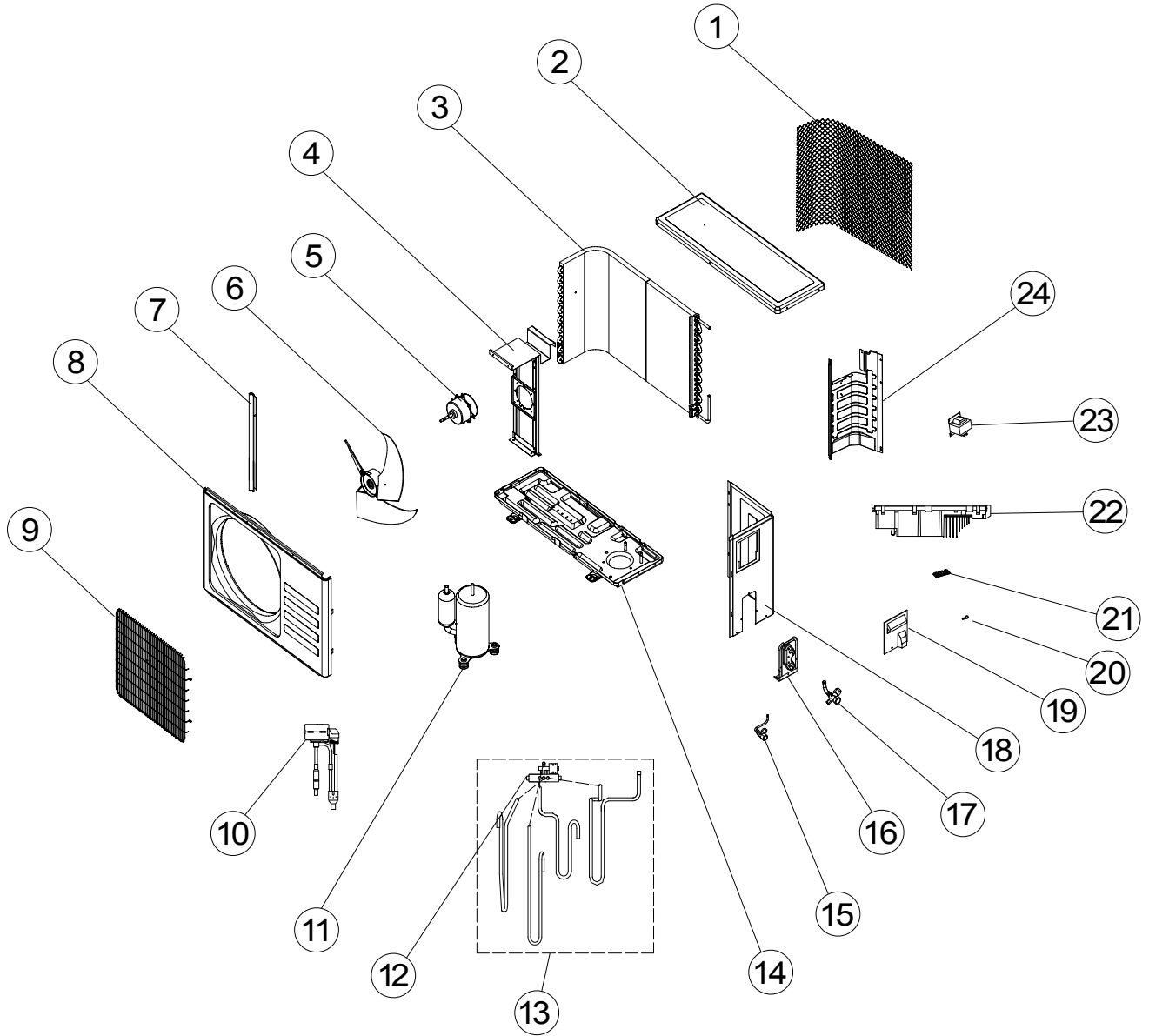
3.3kW/3.4kW SPARE PARTS LIST – CONDENSOR UNIT

LEGEND	PART	QTY	SCANDIA PART NO. (OUTDOOR)	
			2.5kW / 2.6kW	3.3kW / 3.4kW
1	Back Grill	1	Enquire	Enquire
2	Top Cover	1	SG031200063	SG031200064
3	Condensor	1	SG031200004	SG031200005
4	Outdoor Motor Support	1	Enquire	Enquire
5	Outdoor Motor	1	SG031200043	SG031200044
6	Propeller Fan	1	SG031200023	SG031200024
7	Left Grill Support	1	Enquire	Enquire
8	Front Plate	1	SG031200053	SG031200055
9	Fan Guard	1	SG031200034	SG031200035
10	Capillary Assembly	1	SG031200001	SG031200002
11	Compressor	1	SG031200012	SG031200012
12	4-Way Valve	1	SG031200090	SG031200090
13	4-Way Valve Assembly	1	Enquire	Enquire
14	Base	1	Enquire	Enquire
15	2-Way Valve	1	SG031200096	SG031200096
16	Valve Support	1	Enquire	Enquire
17	3-Way Valve	1	SG031200093	SG031200093
18	Right Plate	1	SG031200059	SG031200060
19	Electrical Box Cover	1	SG031200015	SG031200016
20	Cable Clamp	1	Enquire	Enquire
21	Terminal	1	Enquire	Enquire
22	Outdoor PCB Assembly	1	SG031200067	SG031200067
23	Inductor	1	Enquire	Enquire
24	Partition Plate	1	Enquire	Enquire
25	Pipe Temp. Sensor and Outdoor Temp Sensor (Not Shown in Diagram)	1	SG030200079	SG031200080
26	Discharge Temp Sensor (Not Shown in Diagram)	1	SG031200083	SG031200084

ADINA AIR CONDITIONER – EXPLODED DIAGRAM

2.5kW/2.6kW SPARE PARTS LIST – CONDENSOR UNIT

3.3kW/3.4kW SPARE PARTS LIST – CONDENSOR UNIT



ADINA AIR CONDITIONER – SPARE PARTS

5.1kW/5.1kW SPARE PARTS LIST – CONDENSOR UNIT

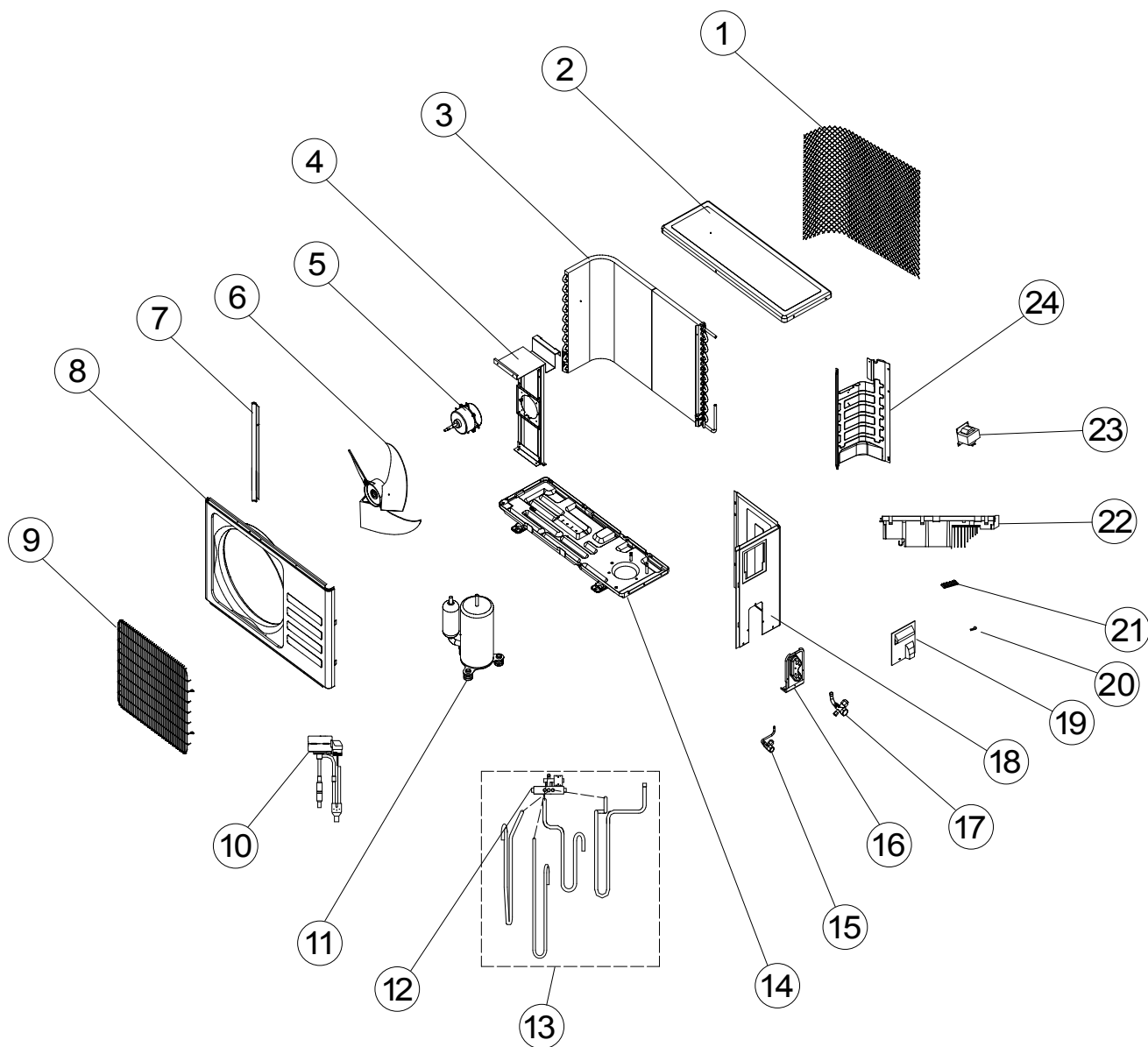
7.3kW/8.0kW SPARE PARTS LIST – CONDENSOR UNIT

LEGEND	PART	QTY	SCANDIA PART NO. (OUTDOOR)	
			5.1kW / 5.1kW	7.3kW / 8.0kW
1	Back Grill	1	Enquire	Enquire
2	Top Cover	1	SG031200065	SG031200066
3	Condensor	1	SG031200006	SG031200007
4	Outdoor Motor Support	1	Enquire	Enquire
5	Outdoor Motor	1	SG031200045	SG031200046
6	Propeller Fan	1	SG031200025	SG031200026
7	Left Grill Support	1	Enquire	Enquire
8	Front Plate	1	SG031200057	SG031200058
9	Fan Guard	1	SG031200036	SG031200037
10	Capillary Assembly	1	SG031200003	SG031200089
11	Compressor	1	SG031200013	SG031200014
12	4-Way Valve	1	SG031200092	SG031200091
13	4-Way Valve Assembly	1	Enquire	Enquire
14	Base	1	Enquire	Enquire
15	2- Way Valve	1	SG031200096	SG031200097
16	Valve Support	1	Enquire	Enquire
17	3- Way Valve	1	SG031200094	SG031200095
18	Right Plate	1	SG031200061	SG031200062
19	Electrical Box Cover	1	SG031200016	SG031200015
20	Cable Clamp	1	Enquire	Enquire
21	Terminal	1	Enquire	Enquire
22	Outdoor PCB Assembly	1	SG031200069	SG031200070
23	Inductor	1	Enquire	Enquire
24	Partition Plate	1	Enquire	Enquire
25	Pipe Temp. Sensor and Outdoor Temp Sensor (Not Shown in Diagram)	1	SG030200081	SG031200082
26	Discharge Temp Sensor (Not Shown in Diagram)	1	SG031200085	SG031200086
27	Cabinet Carton (Not Shown in Diagram)	1	Enquire	Enquire
28	Base Carton (Not Shown in Diagram)	1	Enquire	Enquire
29	Cover Forming (Not Shown in Diagram)	1	Enquire	Enquire

ADINA AIR CONDITIONER – EXPLODED DIAGRAM

5.1kW/5.1kW SPARE PARTS LIST – CONDENSOR UNIT

7.3kW/8.0kW SPARE PARTS LIST – CONDENSOR UNIT





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