



FORD & DOONAN
Air Conditioning Systems®

Operating Instructions

for your Ford & Doonan Ducted System



Congratulations!

Congratulations on your new Ford & Doonan Air Conditioning System. You can rest assured you have received a system of the highest quality, backed by the very best customer service. Before operating the air conditioner, please read this operating manual carefully. It will advise you on how to operate the unit correctly, understand the air conditioner's advanced features and help you in the unlikely event that a problem should occur.

Please keep this manual in a safe place for future reference.

Thank you
for purchasing
Ford & Doonan
Air Conditioning



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Scan to view our Operation Videos on our website or visit fordanddoonan.com.au/operation-videos-and-manuals

1. Important Safety Instructions

Never remove any fixed covers on the indoor or outdoor unit. Removal of the covers may expose fast moving fan blades or electrical components operating at a hazardous voltage. Contact with the blades or high voltage components may result in injury or electric shock.

Never insert any objects into the openings of the indoor or outdoor unit. This may damage the product or result in injury to the person inserting the object.

Do not expose the indoor unit or remote controller to rain or moisture. Water or other fluids on the electrical components may result in fire or electric shock.

Always replace any blown fuse with a fuse of the same specification. The use of the

wrong fuse may allow the electrical wiring to overheat and catch on fire. If the correct type of fuse continues to blow, or the circuit breaker continues to trip, contact Ford & Doonan Service Department.

Never operate the air conditioner without the return air filter(s) in place. Operating the unit without the filter(s) will allow dust to enter the indoor unit and build up on the heat exchanger coil and fan motor. This will cause a malfunction of the unit, which will not be covered by warranty.

This electrical appliance is not intended for use by young children. Young children should be supervised to ensure that they do not play with the outdoor unit.



Main switch

Ensure you are familiar with the location of the main switches for the air conditioning system. These switches are normally located adjacent to the outdoor unit and in the fuse box/switchboard.

If the air conditioner is not going to be used for an extended period of time or you are going away on holidays, the main

switch should be turned off to prevent accidental operation of the air conditioner. When turning the system back on, the main switch must be turned on at least 6 hours before the air conditioner is operated to warm up the compressor. Failure to do so may result in damage to the compressor, which will not be covered by warranty.

2. Zone Operation

Applicable when your new system has zones fitted

- For operational instructions please refer to the attached sub manual (if applicable).
- It is possible to run all zones at the same time, however, the system will not be running very efficiently.
- You may operate two or more zones at once, depending on the capacity of your unit, design and heat load. For example, under maximum heat load (a hot day) it is better to have fewer zones on than under a low heat load (at night) when an extra zone may be turned on.
- We recommend turning on the living areas during the day and closing any bedrooms and other zones that are not needed. At night it is best to turn off any living areas and keep the bedroom zones open. This will allow the best efficiency of the system.
- The zones can take up to 2 minutes to open or close.
- If some zones do not have enough air flow check how many zones are open. Close off any zones that are not needed and see if air flow increases.



3. Outlets

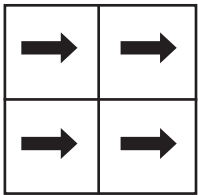
Multi-Directional outlets

Multi-Directional outlets (if applicable) are designed to give maximum adjustment to airflow. Each of the four cores (called louvre panels) is adjustable by lifting and turning to direct air from one direction to another. For the distribution of cool air, the louvre panels are set to deflect air horizontally across the ceiling. For high ceilings and heating systems the louvre panels are adjusted to achieve 40% downward flow. For spot cooling and heating, the louvre panels oppose each other for a vertical down airflow. The outlets can be manually closed during winter if the

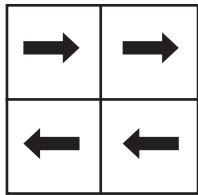
system is not used for heating, although this is not a necessity.

Sidewall registers

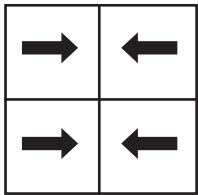
Sidewall registers (if applicable) have vertical and horizontal blades that are adjustable. The blades are manufactured not to rattle. Any adjustments are required to be done with the assistance of long nose pliers with insulation tape wrapped around the ends so the paint of the register is not damaged. Gently move the blades to the desired position.



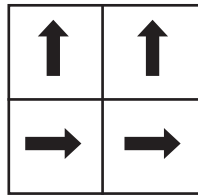
ONE WAY



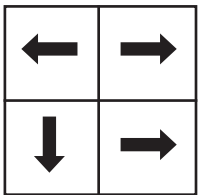
TWO WAY



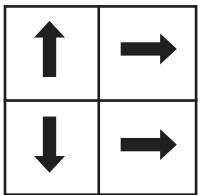
TWO WAY



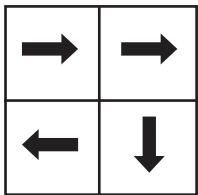
TWO WAY



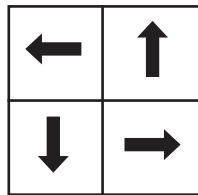
THREE WAY



THREE WAY



THREE WAY



FOUR WAY



4. Maintenance

1. Cleaning the air filter

If you have a clean air filter pack, please call your Ford & Doonan store to purchase a replacement filter. We recommend replacing the filter every 12 months, if you have allergies or pets, we recommend replacing the filter every 6 months.

To clean your filter, remove the filter, hose it down and leave it a couple of hours to dry. Once this is done do not forget to press the filter reset button on your air conditioning controller.

2. Cleaning the outside panel

Cleaning of the outside panel is easy, by using a soft cloth or a cloth dampened by a neutral detergent solution. Never use paint thinner, other chemical products, or polishing powder when cleaning the outside panel. A good quality car polish can be applied to the painted surfaces to increase the paint's durability.

3. When the unit is not being used for an extended period

- Switch off the main power switch.

- Rust preventative coating has been applied to the outside cover. If corroded, repair by painting.
- Clean the condenser to remove dust and excess waste (leaves, paper, etc.).

4. Maintenance service contract recommended

To ensure your system delivers cool, fresh air throughout the year and that your warranty is valid, it's essential you maintain it regularly. Preventative maintenance by qualified technicians has been proven to reduce the risk of failure of plant and equipment and maintain the efficiency of the overall installation.

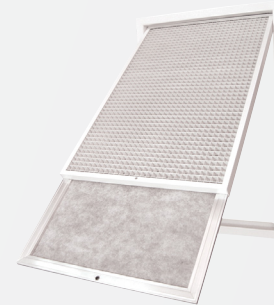
Servicing by a qualified Ford & Doonan technician is recommended. For domestic operation of the air conditioning system we recommend an annual service. If equipment is subjected to heavy use a bi-annual service frequency is desirable.

Contact your Service Department (9331 8800) to set up automatic service reminders and ask about our three year service packages at a reduced cost.

We recommend replacing your disposable filter every 12 months



DISPOSABLE filter



WASHABLE filter

5. Common Queries

If the air conditioning is not running or the cooling effect cannot be achieved as desired, check the following points before requesting repair or service.

If the air conditioner does not function please check the following:

Is the power switched ON?

Has the power fuse failed?

Is power supplied?

Has the circuit breaker tripped?

Is the temperature indicator set in the correct operating position, or to a position which is too high for the cooling operation?

How to perform a reboot of your air conditioning system

Before calling the Service Department please perform a reset of your air conditioning system. As any electrical appliance, power dropouts or surges can interrupt the operation of the system. In most cases a reboot is all that is required. In case the system has never been used before, make sure that the main switch has been turned on for at least 6 hours before using the air conditioning unit.

Locate the isolator switch at the outdoor unit. It is a big white switch at the outdoor unit. Turn it off and wait 3 minutes before turning it back on.

If the system does not reboot, or the fault still appears please call the Ford & Doonan Service Department.

Not cooling or heating as desired please check the following:

Is the thermostat set to the proper position to heating or cooling?

Is there an obstruction near the air intake or outlet port?

Is the air filter free from clogging by dust, dirt, etc.?

Are doors and windows completely closed?

Smoke coming from outdoor unit?

In cold weather you may see what appears to be smoke coming from the unit. This is just steam being released when the unit is in de-ice mode. Further you may notice the unit icing up and appearing frozen. This is normal as long as the system completes a de-ice cycle.

“Filter clean” displays

If a small tap or spanner symbol appears, this indicates it is time to clean or replace the filter. Press this switch to reset and clear the symbol once you have cleaned or replaced the filter. Please see Maintenance for more information on how to clean your filter. If the spanner symbol appears with a fault code, it is advising you of a problem and you will need to contact your Service Department.

Faults:

If the **“CHECK”** indicator starts flashing, this means there is a fault at hand.

In this case, or if fault codes appear, please call your Service Department with the fault code, explain the problem and they will be able to assist with the issue.

6. Performance Expectations

Hot weather

Heat load calculations and manufacturers capacity ratings are based on an outside temperature of 36°C. When the temperature exceeds this, the performance of your air conditioner will fall away the hotter it gets and room temperatures will increase accordingly.

Cold weather

Heat load calculations and manufacturers capacity ratings are based on an outside temperature of 7°C. When the temperature is lower than this, the performance of your air conditioner will fall away the colder it gets and room temperatures will decrease accordingly. The above conditions do occur in Perth and there will be nothing wrong with your air conditioning unit when it happens.

Heating performance

Hot air rises and the room temperatures at different levels will be different. It is normal that some parts of the room will be warmer than others. The same applies on cooling mode but to a lesser degree.

Return air

Your system will usually be designed with one only return air grille. The area around the return air grille will always be drafty, and in Winter, always much cooler than the rooms. This is why we select hallways or other “non occupied rooms”. You will have to leave any room’s entry door ajar to allow the conditioned air to come back to the grille. You cannot close the door as performance will be affected. We have options to overcome these situations, so please discuss this with your consultant.

Zones

If we have installed zones, then they cannot all be turned on together without effecting performance. On low load days or nights your air conditioner can handle a larger area at one time. Your air conditioner can only handle the percentage of the home we mention in our letter at typical design temperatures. Turning on less zones will effectively increase the available capacity you have.



7. Performance Tips

1. Temperature setting on your air conditioning unit

We recommend that in summer you set the cooling cycle at 24 degrees and in Winter the heating at 21 degrees. On very hot days (above 36 degrees) or cold days (below 7 degrees) one can increase the temperature in Summer and decrease in Winter, to keep the efficiency of the air conditioning.

2. To keep the comfortable temperature without extra heat loading

The easiest solution to start your air conditioner earlier in the day by using your timer setting. On hot days start the air conditioner before your heat load increases so the air conditioner can get a head start. On cold days start the air conditioner whilst it is still warm outside (above 12-15°C). This will let the air conditioner deliver maximum capacity before performance falls away. If your system has zones (residential only) reduce the number of zones turned

on when the external conditions are extreme. The smaller the area being air conditioned, the better it can cope.

3. Close doors of rooms that are not being air conditioned

When operating an air conditioning system that utilises the zoning technique, remember the system has only a certain capacity, therefore the idea is to air condition the areas you are occupying at the time. With this in mind, it becomes prudent to habitually close the doors that lead to a non air conditioned area, thereby reducing the total area being subjected to air conditioning. This will enhance the effectiveness of the machine.

4. Allow air flow to return air grille

You will notice that the larger return air grill is normally located in a central position in the building. It is important to encourage the airflow towards this grille. This grille is drawing the total air capacity of the system through it and therefore



requires unrestricted airflow. Depending upon the building, you may need to open or close doors around this area to keep the air flowing to this grille.

5. Regular cleaning of the filter is important

The return air grille in most cases also contains an air filter. This air filter, depending on the system usage and other air quality factors, will need to be cleaned regularly. To do this, simply open the grille and slide out the filter. In most cases it is best to hose the filter clean, although some people prefer to vacuum the filter. Remember, regular cleaning of the filter will improve the system efficiency.

6. Clean outdoor unit and surroundings

The condensing or outdoor unit is located in a position to best suit the building and the occupants. It is important to maintain cleanliness around the unit, for example sweeping away any build-up of leaves or general flotsam. It is critical to not inhibit the airflow coming from the condenser, therefore general garden paraphernalia or other equipment should never be

stacked on or lent against the condenser. Similarly if a garden is developing around the condenser, this can be an advantage as some of the sound from the condensing unit will be absorbed, although a robust bush can block the air flow so consideration should be given to this. It is also imperative to keep the condensing unit accessible for servicing purposes.

7. Sizing of equipment

When we recommend a unit we have completed a heat load calculation on the area. We have assumed the following:

- Curtains will be drawn closed in both sunny Summer days and at night in Winter.
- Ceiling insulation has been installed directly above your ceiling (not just anti-con or sisalation)
- Doors and windows will be left closed.

If any of the above changes, your air conditioner may not be large enough to maintain acceptable room temperatures.



airtouch⁵

User Manual

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Quick Start - Console

AC Unit On/Off
Hold down to set Quick
Timer/ Sleep/Away Modes

Favourite Apps

Active Favourite

Outside Weather

Zone Power

Hold down for
Turbo Mode, see p4

Zone Set Point/Airflow

See p7 for control
instructions. To rename
your zones, see p32



Quick Menu

Fan Speed

Mode

Cool, Heat, Fan, Dry,
Fresh & Auto (Modes
vary by Unit)

AC Status Light

Blue - Air Conditioner On
Red - Air Conditioner Off
Flashing - Error

Zone Current
Temperature

Current Temperature
& Set Point

Temperature
Adjustment Dial

Dial is hidden if all zones have ITS

Quick Start - Mobile

Some Settings & Zone names setup on the AirTouch Console will be replicated in the App.

Home Screen



Zones Screen



Dial is hidden if all zones have ITS

Using AirTouch 5

To turn On or Off AC, tap the Power button.

To change the Mode or Fan Speed tap the corresponding button then select the desired option.

To turn On or Off a Zone, tap the Power button.



Turbo Mode

To Activate Turbo Mode, long press the zone power button.

For high volumes of conditioned air in a single zone, AirTouch's Turbo Zone feature can cool or warm a single zone quickly; or can be useful when there is a lot of activity and you need more conditioned air than normal.

Spill Zone/Bypass

Spill and Bypass are safety features AirTouch uses to protect your system. They are automatically activated when not enough zones are open.

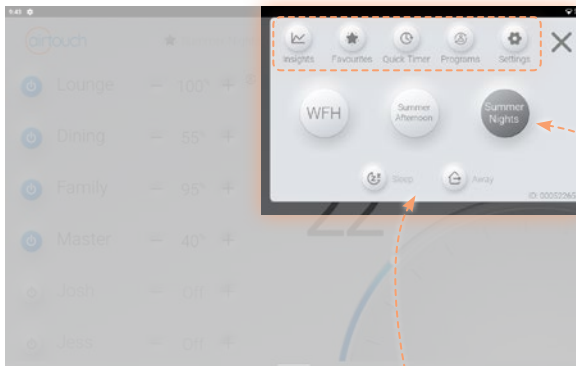
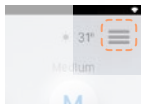
Spill opens the indicated zone automatically, even if you have set the zone to be closed.

Bypass uses an extra damper in your roof, all zones continue to behave as set.

To change the Set To temperature, tap & hold the dial, then swipe clockwise/counter clockwise.

Inside the Quick Menu

To open the Quick Menu, tap the icon in the top right



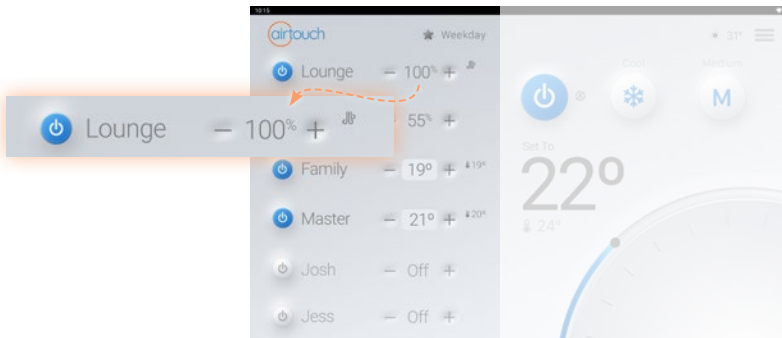
To access AirTouch features, tap the desired tab in the Quick Menu

For fast access, Favourites are displayed in the Quick Menu, tap one to select it. More on Favourites can be found on p15

Sleep and Away mode can be applied to all AC units from here. More on Sleep/Away on p10

Adjusting Zone Airflow

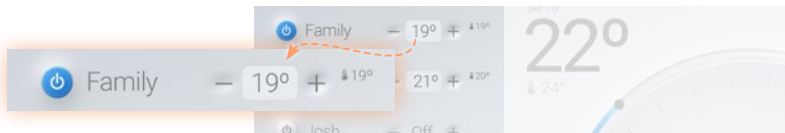
Use the + and - buttons next to the zone names to increase or decrease the airflow in 5% increments. Hold the buttons to adjust at a faster rate.



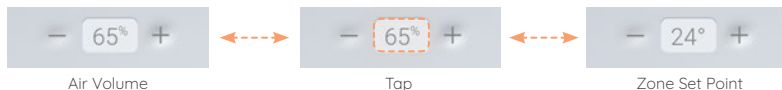
Your zone names are on the left of the home screen. To rename your zones see p32.
By default, AirTouch lets you control the air volume in % for each zone.

Adjusting Zone Temperature

If a zone has ITS (p8) installed, it can be controlled by temperature or airflow, these Zones are specified with a around the value of the zone.



To switch between °c and % Set Value for the zone, tap on the to select the alternate mode.



Use the + and - buttons to increase or decrease the **Set Point** or **Airflow** in an individual zone. In **Set Point** mode the air volume will automatically adjust according to the difference of set temperature and measured temperature in the zone.

Note: If 'Zones lock to temp control' is ticked in Installer Settings, the zones will only have setpoint display.

Intelligent Temperature Sensor (ITS)

ITS sensors allows you set independent temperatures for each zone that contains a sensor. Additionally, they work as a remote switch & AC sensor. By default the switch works as a zone switch, advanced setup allows these sensors to power on/off the AC unit and/or the zone.

Pairing ITS see p30

Replacing the Battery see p31

Zone Switch (default)

Press the button once to check the status of your Zone

 Blue Light = Zone On

 Red Light = Zone Off

Press the button again to change between On or Off

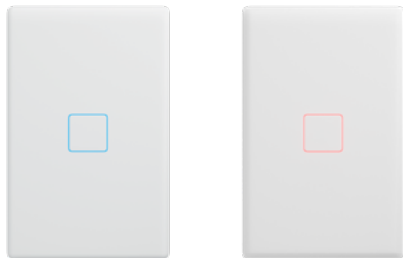
AC Sensor

Press the button once to check the status of your AC

 Green Light = AC On





 Red Light = AC Off

If AC Switch is enabled, press the button again to change between On or Off



Zone + AC Switch

Press the button once to check the status of your AC/Zone

	AC	Zone
 Aqua	✓	✓
 Red	x	x
 Green	✓	x
 Blue	x	✓

Press the button again to change both AC and Zone between On or Off

[Click Here](#)
For more information on ITS as an AC Switch

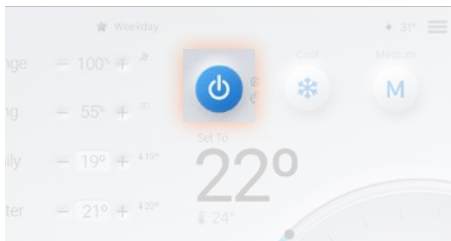
[Click Here](#)
Jump to pairing your ITS Sensor (p30)

Quick Timer

The Quick Timer is an easy to use timer for your AC Unit.

To set the Quick Timer, hold the AC Unit Power button.

Quick Timer can also be set by going to Quick Menu>Quick Timer.



Setting the Quick Timer from the Home screen allows you to select a timer in hours/minutes.

Setting the Quick Timer from the Quick Menu allows you to select a specific time to turn the AC unit On/Off.

When a Quick Timer is active,  will appear next to the AC unit power button.

To view or remove timers, go to Quick Menu>Quick Timer

Sleep/Away Modes

AirTouch 5 has a number of easy to use features that help you save energy by reducing your air conditioner's run time, while keeping you comfortable.

Sleep Mode

Sleep Mode can help reduce your energy used by periodically increasing (Cool)/ decreasing (Heat) the set point each hour for 3 hours. Helping you get to sleep comfortably, then reducing your energy usage once you are asleep.

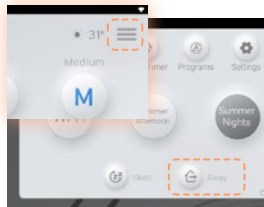


Sleep Mode can be activated from the **Quick Menu** or by long pressing the **AC Power** button when the unit is on.

Sleep Mode only works in Cool and Heat modes.

Away Mode

Away Mode can help reduce your energy used by allowing you to set a max/min temperature that you want your home to remain within.



Away Mode can be activated from the **Quick Menu** or by long pressing the **AC Power** button when the unit is on.

To adjust the parameters of Away Mode, go to **Quick Menu>Settings>Smarts>Sleep/Away** then select your max and min points.

Programs

AirTouch's Programs feature allows you to automate your climate control.

You can have up to 16 programs.

Programs can be turned On and Off (enable/disable) so you can easily set your home for different parts of the year.

When a program is enabled, the programs icon will appear next to the AC power button and zone for all AC's and zones that will be turned On by the program.



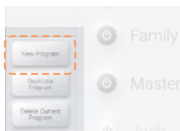
When a program ends, AirTouch will revert all zones and units which are not included in the program to their state before the program started. All Zones and AC's included in the program remain off.

Setting Up Programs

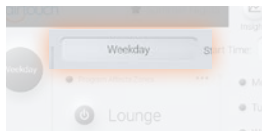
- 1 Open the Quick Menu & select Programs tab



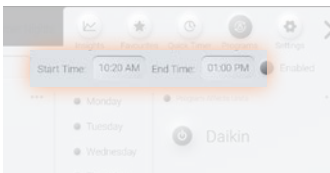
- 2 Select New Program in the bottom left



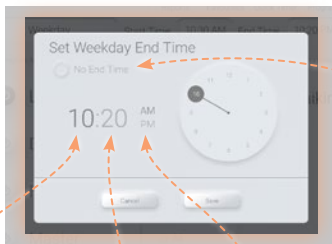
- 3 Set a name for your Program



- 4 Set a Start & End Time



- 4a Setting a Start/End Time



To set no end time. Select the no end time button

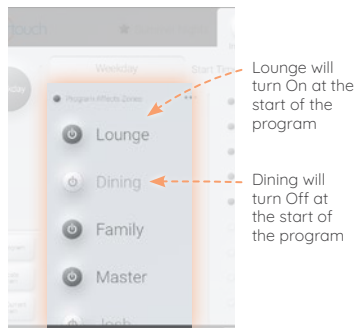
Select Hour then slide the hand to the hour you want

Select Minute then slide the hand to the Minute you want

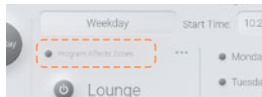
Select Am or Pm

Setting Up Programs

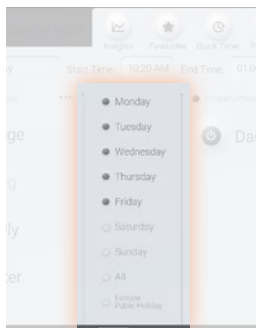
- 5 Set Zones to either turn On or Off at the start of the program



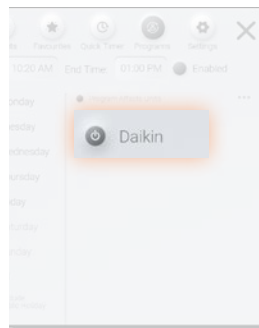
If you want this Program to only affect the AC unit, uncheck Program Affects Zones



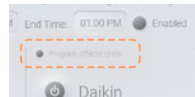
- 6 Select what days you would like this program to repeat on



- 7 Set the Unit to On or Off



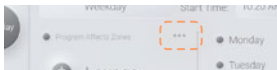
If you want this Program to only affect Zones, uncheck Program Affects Units



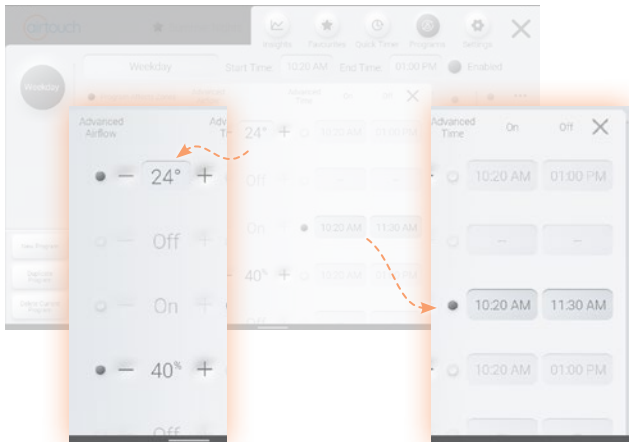
Setting Up Programs - Advanced

Advanced features are available with programs. To setup, follow programs set up steps: 1 to 7
Within advanced programs, zones can have a different set point and/or a different start/end time within the master program time. Advanced Unit controls allows you to program the Mode, Fan Speed and Set Point of your unit.

- 8 Open the advanced zone options, tap the ellipsis



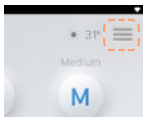
- 9 Select any specific settings you would like. To disable an advanced feature, uncheck the advanced airflow/time button



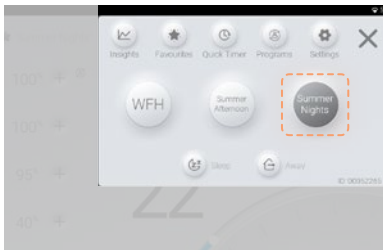
Favourites

AirTouch's Favourites feature allows you to save your climate control scenarios for quick access. Favourites can control Zones, and/or your AC unit. You can set up to 9 different Favourites.

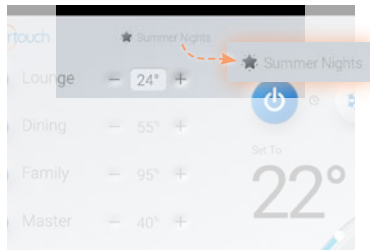
- 1 Open the Quick Menu



- 2 Select your Favourite



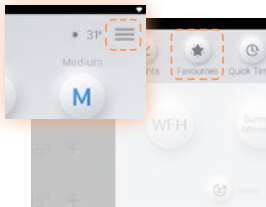
- 3 Active Favourite will be displayed above the zones



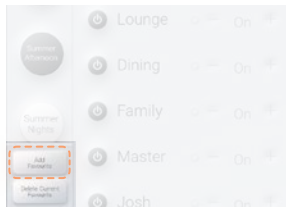
Favourites can be set to control Zones, the AC Unit, or both at the same time, allowing you to customise your quick access controls to your needs.

Setting Up Favourites

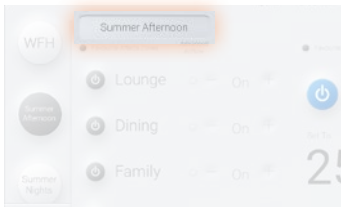
- 1 Open the Quick Menu & select Favourites tab



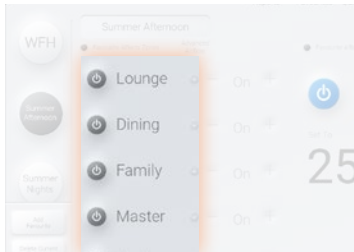
- 2 Select Add Favourite in the bottom left



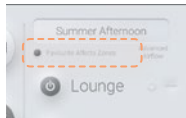
- 3 Set a name for your Favourite



- 4 Select Zones that you would like to turn On/Off



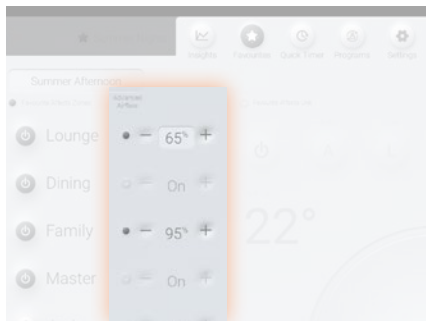
If you want this Favourite to only affect the AC unit, uncheck Favourite Affects Zones



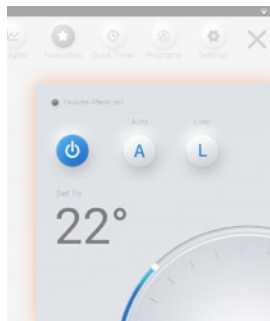
Setting Up Favourites

- 5 If you want to specify the level of a zone setting, select **Advanced Airflow** then set the temperature or percentage

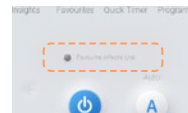
Zones not selected for Advanced Airflow will turn On/Off to their current value at the time the Favourite is activated



- 6 Select the settings for your AC Unit: Mode, Fan Speed and Set Point will be adjusted by the Favourite



If you want this Favourite to only affect the Zones, uncheck **Favourite Affects Unit**



Note: The AC Set Point will follow the zones' set point if a temperature has been selected with **Advanced Airflow**

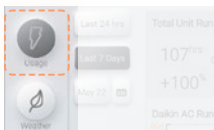
Insights

The Insights tab on AirTouch contains all the usage data from your system to help you use it better. Insights also contains relevant weather information to help you use your AC efficiently.

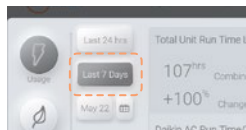
- 1 Open the Quick Menu & select Insights tab



- 2 Select Usage on the left



- 3 Select a time scale



- 4 Tap the arrow to open/close each section



The Insights tab also contains current weather for your suburb, to access this page go to:

Quick Menu>Insights>Weather

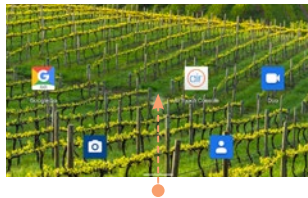
Using Android on AirTouch

AirTouch 5 runs on Android 11, this allows you to use the console the same way you would as a regular tablet, making AirTouch the perfect hub for your smart home.

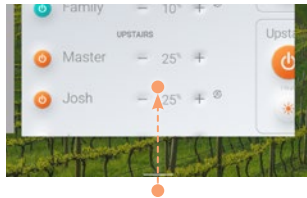
Any compatible apps can be installed through the Play Store, found on the home screen.

Navigating Android

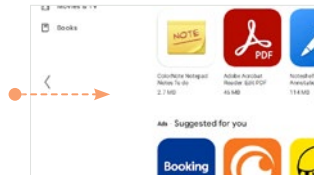
To return to the home page, swipe up from the bottom and release



To view, change between and close apps that are currently open, swipe up from the bottom and hold. Either tap an open app to select it or swipe up on the app to close it



To go back a page, swipe right from the left of screen



Disclaimer:

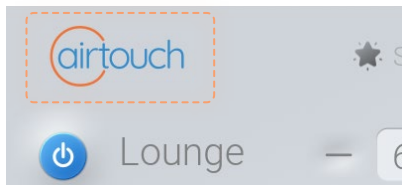
We cannot offer support for third party applications installed to, or modifications to the general settings of the Android OS installed on your AirTouch Console. While unlikely, installing third party applications, modifying the settings of or updating the Android OS of the AirTouch 5 Console may cause AirTouch to dysfunction.

Favourite Apps

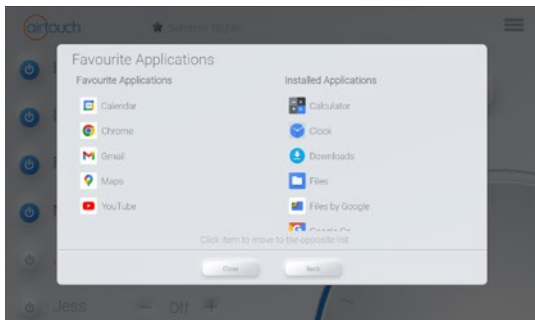
The AirTouch logo is a gateway to all your most used apps in a convenient place. Simply tap the AirTouch logo to bring up the **Favourite Apps** list.

The list can easily be edited by tapping the **Manage List** button.

- 1 Tap the AirTouch logo in the top left



- 2 Select your favourite app or tap the Manage List to add/remove apps



AirTouch 5 Mobile App

Install the AirTouch 5 App through the Apple App Store or Google Play Store.

After downloading the application, follow the prompts to link to your AirTouch console.

AirTouch 5 is compatible with:

iOS 11.0 and above

Android 6.0 and above



NOTE: If a mobile device is connected to the same WiFi network as your AirTouch 5, the app will automatically direct you to the control interface. Alternatively, if you are unable to access the control interface, you will be prompted for the AirTouch ID and password to continue. The AirTouch ID can be found in the bottom of the Quick Menu on the console.

When away from home the app will connect to AirTouch using your phones' cellular connection.



Smart Integrations

We are constantly adding new Smart Home integrations to AirTouch to enhance the system's capabilities and your home living experience.

[Click Here](#)

To download Google Home instructions



[Click Here](#)

To download Amazon Alexa instructions

Settings

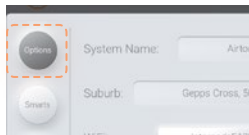
Options - WiFi & Internet Setup

How to connect AirTouch 5 to a home router, which will enable the control/operation of the AC unit(s) and zoning via your phone.

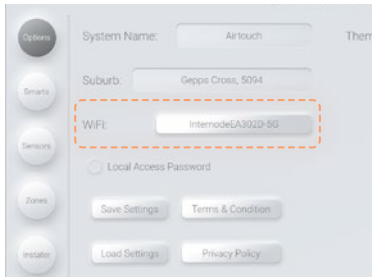
- 1 Open the Quick Menu & select Settings tab



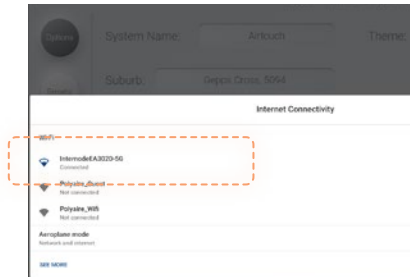
- 2 Select Options



- 3 Select Connect to WiFi



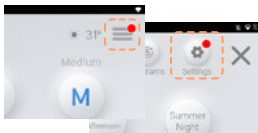
- 4 Select your network and input your password then Select Done



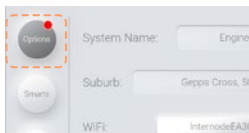
Options - Software Updates

Please make sure the AirTouch 5 is connected to the home router which has internet access. If there is a red dot on the top right corner of the Quick Menu, a new software version is available for update. Follow the red dot and prompts to update the system. If the update fails, please try it again.

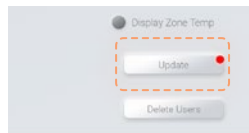
- 1 Open the Quick Menu & select Settings tab



- 2 Select Options



- 3 Select Update



Remote Internet Control

For remote AC control over the internet, ensure Internet Access is ticked under **Quick Menu>Settings>Internet Access**.

Local Access Password Protection

When enabled, mobile devices connected to the same WiFi Network as AirTouch will need to use the set password to use the App.

Hotspot

If AirTouch doesn't have access to the internet, you can still control it locally over WiFi with the AirTouch App by using the console as a WiFi Hotspot.

To setup AirTouch as a Hotspot, go to **WiFi Settings, More>Tethering & Portable Hotspot> Portable WiFi Hotspot**.

Turn it on and set a password. You can then connect your smart devices to this WiFi Hotspot to control AirTouch using the App.

Changing Your Theme

AirTouch allows you to choose how your controller looks. There are light and dark versions of 2 simple styles. If you like a more interesting background, the wallpaper theme allows you to choose from a range of preset photos. Alternatively, AirTouch lets you upload your own photo to display as the background of your Smart Home Controller.

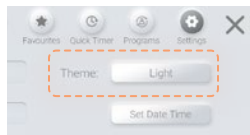
- 1 Open the Quick Menu & select Settings tab



- 2 Select Options



- 3 Select Theme



- 4 Select your desired theme then press Select

When selecting wallpaper theme, you will be required to select an image from the device library.

Your photos can be added to wallpaper via bluetooth, SD card or email on the Android console.



Smarts - Geofencing

Geofencing will send you notifications to turn On or Off your AC Unit(s) when you enter or leave your defined fence area.

Location and notifications must be enabled on mobile devices you wish to use Geofencing on.

When Geofencing is enabled on the console, proceed to the mobile app to setup for your device.

Smarts - Weather Adaption

Weather Adaption helps avoid energy wastage by turning off your air conditioning when the outside temperature is lower (cool mode) or higher (heat mode) than the set point. When enabled, AirTouch will send you a notification reminding you to turn your system off, if AC Auto Off is selected, you will be notified that AirTouch has turned off your AC.

Advanced Weather Adaption smartly adjusts the set point temperature based on the local weather in your area to maintain your desired comfort level, helping avoid wasted energy use.

Set a tolerance for the temperature to deviate from the set point with the Temperature Differential. Comfort Temperature is the maximum/minimum that weather adaption will adjust the set point to.

When your AC Unit is Running in Cool Mode, Weather Adaption will increase the set point by no more than the Temperature Differential you set depending on the outside temperature without going above your Comfort Temperature.

When your AC Unit is Running in Heat Mode, Weather Adaption will decrease the set point by no more than the Temperature Differential you set depending on the outside temperature without going below your Comfort Temperature.

If Advanced Weather Adaption is increasing/decreasing your set point, the Weather Adaption icon and a temperature will appear to indicate what Set Point is applied by Weather Adaption. If you adjust the set point, Weather Adaption will be canceled until the AC unit is turned Off and On again.

Smarts - Home Temp Limits

Set Point Limit allows you to limit the set point of your AC unit. If you don't want someone setting the cooling below 17° you can restrict the maximum and minimum of each unit in your system.

Auto Off After will automatically turn your AC Unit off after the set period of time, no matter how it was turned on. (If Auto Off is set to 2hrs and a program turns the AC on for 3hrs, the AC will turn off after 2hrs.)

Smarts - Sleep & Away Mode

How to use Sleep and Away Mode is detailed on p10.

Away Mode allows you to set a maximum and minimum temperature for your home. Allowing you to reduce energy use while ensuring your home is not unbearable. A great feature for pets!
The parameters for this can be set by going to: **Quick Menu>Settings>Smarts>Sleep/Away**

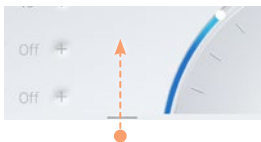
Sleep Mode will increase (Cool) or decrease (Heat) the set point by 1 degree every hour for 3 hours. The displayed Set Point will remain at your chosen temperature. After 3 hours, the AC will remain at the adjusted Set Point until Sleep Mode is canceled.

Sleep Mode Comfort Temperature works as a min/max. Sleep Mode will not adjust the set point above (Cool) or below (Heat) the comfort temperature.

Screen Lock

Screen Lock protects your Air Conditioning and Airtouch from potential damage caused by children playing with the console. It is set from within the Android OS.

- 1 Swipe up from the bottom to go to the Android home screen



- 2 Open Settings



- 3 Select Security



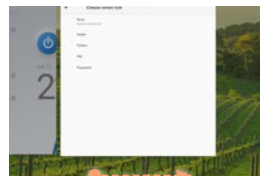
- 4 Select Screen Lock



- 5 Set your desired lock method

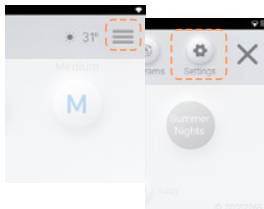


- 6 Return to AirTouch by swiping right on the navigation bar

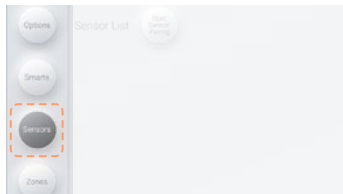


Pairing ITS Sensors

- 1 Open the Quick Menu & select Settings tab



- 2 Select Sensors



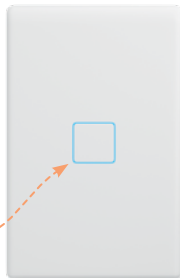
- 3 Press Start Sensor Pairing



- 4 On the ITS Sensor, press and hold the Zone Button for 5 seconds until the LED turns blue or red (or solid green for AC sensor)

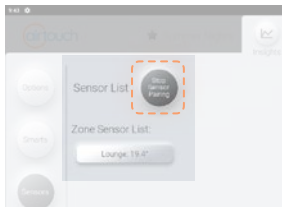
The zone name will appear on the Sensors page when the pairing is successful

Hold for 5 Seconds



- 5 Repeat step 4 for each sensor you wish to pair.

- 6 Press Stop Sensor Pairing
Your sensor is now paired



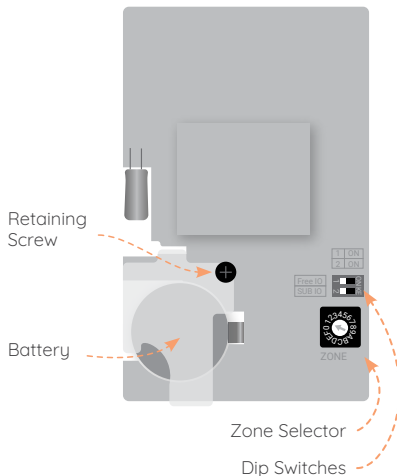
Replacing the Battery (ITS)

- 1 Remove the ITS cover from the wall.
- 2 Remove the retaining screw holding the battery cover in place then remove the flat battery.
When replacing the battery, press and hold the Zone Button after removing the dead battery for 5 seconds to remove any residual charge from the circuit.
- 3 Replace the battery with a fresh 3V CR2450.

When the battery is low, a Low Battery icon (🔋) will appear near the zone name of the sensor. A good battery will last for around 1½ to 2 years. When the battery is flat, the zone will change to % control if there are no other sensors in it.

Changing Your ITS's Zone

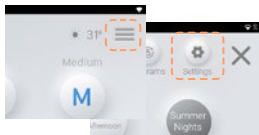
- 1 Remove the ITS cover from the wall.
- 2 Select the desired zone number for this ITS on the Zone (group) dial.
(Zone numbers for your system can be found at Settings>Zone Names)
- 3 Pair the ITS to AirTouch again.



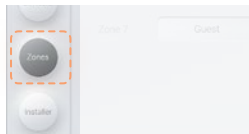
Naming Your Zones

Customise AirTouch's Zone Names to suit your home.

- 1 Open the Quick Menu & select Settings tab



- 2 Select Zones



- 3 Select the field box next to the zone you wish to change, then type in your desired name

Or

Tap the Name List arrow for a premade list of zone names.




Zoning & Balance Table

(Filled in by your installer)

Zone	Zone Name	Damper #(s)	Sensors	Balance
1				
2				
3				
4				
5				
6				
7				
8				
9				
A				
B				
C				
D				
E				
F				
G				

Troubleshooting

Problem	Suggested Action
LED in the lower right corner flashes quickly	<p>No communication between the console and main module. Check if the AirTouch 5 App is running and the wiring is secure.</p> <p>Disconnect the cable to the console and reconnect it. Or power off the main module of AirTouch 5 and power it back on after a minute.</p>
LED flashes slowly (Every one second)	<p>AC Unit has an error. Either the AC Unit is faulty or AirTouch 5 has lost connection to the AC unit. Call a technician to investigate further.</p>
No LED light	<p>No power to the console.</p>
Some zones cannot be turned off	<p>Check if 'Spill'  status is displayed for the zone. Opening other zones will rectify the error</p>
No display on the LCD	<p>Check if the console is mounted properly. Remove the Console and remount it.</p> <p>Check if there is power to the unit.</p>
LCD Display Corrupted	<p>Reset LCD by holding POWER button on the right side of the console for 2 seconds to restart it.</p> <p>If error is still not resolved, reset console by removing the console from the wall and then reconnect it after about 15 seconds. If the corrupted display remains, power Off/On the console. Otherwise, replace the console.</p>

Problem	Suggested Action
WiFi symbol disappeared from the console	<p>After a power failure, AirTouch 5 will re-connect to home router and WiFi icon (📶) will be back on in 3 minutes from Power ON.</p> <p>Turn the wireless router OFF and turn it back ON. Wait for 3 minutes for the AirTouch 5 system to initialise. If WiFi icon (📶) does not appear, follow WiFi setup process (p24) to re-establish connection between your home router and AirTouch 5.</p>
The reaction of the AT5 app on the console is slow after the app has been running for a long time.	<p>Close the app and re-open the app.</p> <p>Swipe up from the bottom of the screen to navigate to the Android home screen. Long press the AirTouch 5 app icon and select App info, select Force Stop then re open the AirTouch 5 app.</p>
"AC ERRORxx" is on console	<p>This error is displayed due to a fault with the AC unit. The AC On/Off function will be disabled when this error is displayed. "xx" is the error code. Touch the error code to bring up description of the error. Please call AC technician quoting the error code.</p>
When I wake the console it displays Android home screen and the AirTouch app must be reopend.	<p>There is a screen lock set within the Android system. Go to Android Home>Settings>Security>Screen Lock and select None.</p>

Specifications

Electrical Requirements

Power supply:	24V AC \pm 10%
Line frequency:	50 Hz

Environmental Requirements

Operating Temperature:	0°C to 60°C
Altitude:	0 to 2000 meters
Operating relative humidity:	10% to 80%

Avoid static electricity hazards
Avoid electromagnetic radiation sources
Avoid dust contamination
Avoid highly corrosive environments



Zone Output

Output voltage:	24VAC, 50Hz
Current:	200mA (1 damper motor)

Transformer


















Input Voltage:	240VAC, 50Hz
Output Voltage:	24VAC, 50Hz
Wattage:	40W

Supply Air Sensor NTC type, 10 k Ω at 25°C

Battery (Wireless Sensor) 3.0V, CR2450

Fuse Dimension 5x20 mm, Fast-Acting 2A, 250V

Icon Appendix

-  Cool Mode
-  Heat Mode
-  Fan Mode
-  Dry Mode
-  Fresh Mode
-  Temperature Sensor value
-  Turbo Mode (p4)
-  ITS Low Battery (p31)
-  Spill Zone (a safety feature when too few zones are open) (p4)
-  Bypass (a safety feature when too few zones are open) (p4)
-  Programs icon (a program is enabled and will affect the corresponding zone or AC) (p11)
-  Quick Timer (a timer is set and will turn on or off the AC at the set time) (p9)
-  A Favourite is active (p15)
-  Away Mode (your AC will follow Away Mode settings) (p10)
-  Sleep Mode (your AC will follow Sleep mode protocols) (p10)
-  Weather Adaption Active (p27)
-  No remote access. AirTouch is not accessible via cell data

1300 980 656



Liability and Disclaimer

All specifications and procedures are correct at time of publication, but are subject to change without notice. Please read the instructions before installing this Zone Control System. Polyaire Pty Ltd does not accept any responsibility for loss or damage that may occur as a result of the incorrect installation or operation of this AirTouch Control System.

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