

# NEXUS TOUCH

Connect to Comfort





# DESIGNED.



## Because Australia needs **Australian air conditioning.**

Ah, the nostalgic year of 1984—'Advance Australia Fair' became our National Anthem, the beloved one-dollar coin started circulating, and a small family air conditioning business opened its doors.

Fast forward to today, and ActronAir stands tall as an example of Australian excellence, renowned for creating air conditioners that are truly in a class apart. And why wouldn't we be? After all, our passionate team at ActronAir lives and breathes the very same harsh Australian conditions that put our air conditioning to the test.

Our climate has a knack for throwing challenges at us that others simply can't fathom. That's why ActronAir's engineers have taken up the challenge, developing the most advanced air conditioning systems specifically crafted to conquer the unique demands of our harsh Australian environment.

Millions of Aussies  
take comfort  
in **ActronAir.**

## Your Home, Connected to **Comfort.**

ActronAir's **UltraSlim Ducted systems** offer powerful climate control in a discreet, space-saving design, perfect for homes with limited ceiling space. With its slim profile and flexible installation options, UltraSlim easily fits into tight spaces while delivering quiet, efficient heating and cooling throughout your home.

Find out more  
about UltraSlim  
Ducted Systems



Pair the UltraSlim with the **NEXUS TOUCH Controller**, and you get a complete solution that brings all your comfort settings together in one place. The NEXUS TOUCH offers intuitive control, making it easy to adjust the climate in any room with just a tap. Seamlessly connected to your UltraSlim system, NEXUS TOUCH ensures your home is always at the perfect temperature—simple, smart, and connected to your needs.





# SOLUTION.

## UltraSlim with NEXUS TOUCH

For homes with an existing UltraSlim system or those looking to install a new whole home solution, the NEXUS TOUCH paired with an UltraSlim Ducted System is the perfect choice. Together, they provide the ideal balance of performance and ease, ensuring your home is always connected to comfort.

### UltraSlim Ducted Indoor Unit

The NEXUS TOUCH Controller is compatible with ActronAir's UltraSlim Ducted indoor units, making it suitable for a variety of ducted layouts and applications. The UltraSlim Ducted units range from 7kW to 17kW and are designed to handle an ESP range of **50 to 200Pa**, ensuring flexible performance across different home setups.

### UltraSlim Outdoor Unit

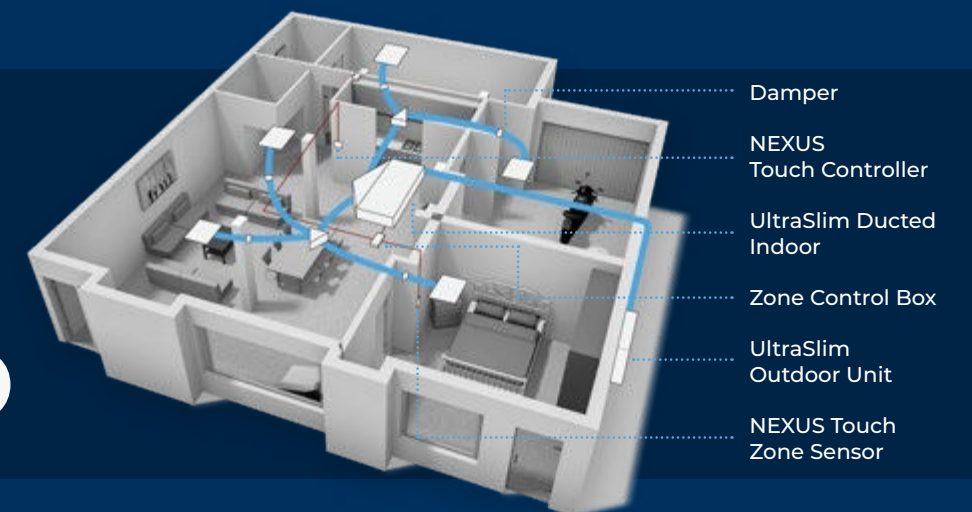
The UltraSlim outdoor unit is built to handle Australia's extreme weather, operating smoothly in temperatures from **-25°C to 50°C**. Despite its compact size, it's packed with energy-saving features like DC fan motors and DC rotary compressors, making it more efficient than ever while keeping your home comfortable, no matter the weather.

### NEXUS TOUCH Controller

The NEXUS TOUCH Controller comes with a **7-inch** high-resolution touchscreen, providing an intuitive and visually appealing user experience. For larger or dual-story homes, you can connect up to two NEXUS TOUCH Controllers to a single UltraSlim Ducted System, ensuring seamless control and convenience throughout your home.

### NEXUS Zone Control Box

The NEXUS Zone Control Box, connected to the NEXUS TOUCH Controller, allows you to monitor and control the UltraSlim Ducted system and ActronAir dampers with ease. It can manage up to **16 damper** motors simultaneously, providing precise control over your home's climate across multiple zones.



### NEXUS ZONE Sensor

Ensure precise temperature control in every room by pairing NEXUS Zone Sensors with the NEXUS TOUCH Controller. With the ability to connect up to **16 sensors**, one for each zone, you can monitor and adjust the temperature throughout your entire home.

### ActronAir Damper

The NEXUS TOUCH system takes control of the airflow in each duct connected to your air conditioning. ActronAir dampers open when cooling or heating is needed and close when it's not, making sure your system runs efficiently. You can also adjust the airflow to your liking with four settings—Low, Medium, High, or Turbo to achieve the perfect comfort.



Simplifying comfort, One Touch at a time

## Easy-to-Use Interface

The NEXUS TOUCH features a simple, user-friendly interface that makes adjusting your home's comfort quick and effortless. No complicated menus—just straightforward control at your fingertips.

## Over-The-Air Updates

Enjoy peace of mind knowing your controller is always up to date. With secure and effortless Wi-Fi updates, your system automatically stays current with the latest software, so you don't have to lift a finger.

## Built-In Speaker

Stay informed with the NEXUS TOUCH's built-in speaker, offering sound alerts to assist with accessibility. It ensures you never miss an important update.

## Temperature and Humidity Sensor

The NEXUS Touch Controller keeps you in control with on-board temperature and humidity sensors, giving you precise, real-time readings of your indoor environment.



## Dual Control

With Dual Control, you can connect up to **two** NEXUS TOUCH controllers to your UltraSlim Ducted System, making it easy to manage your home's comfort from multiple locations. It's seamless control, wherever you need it.

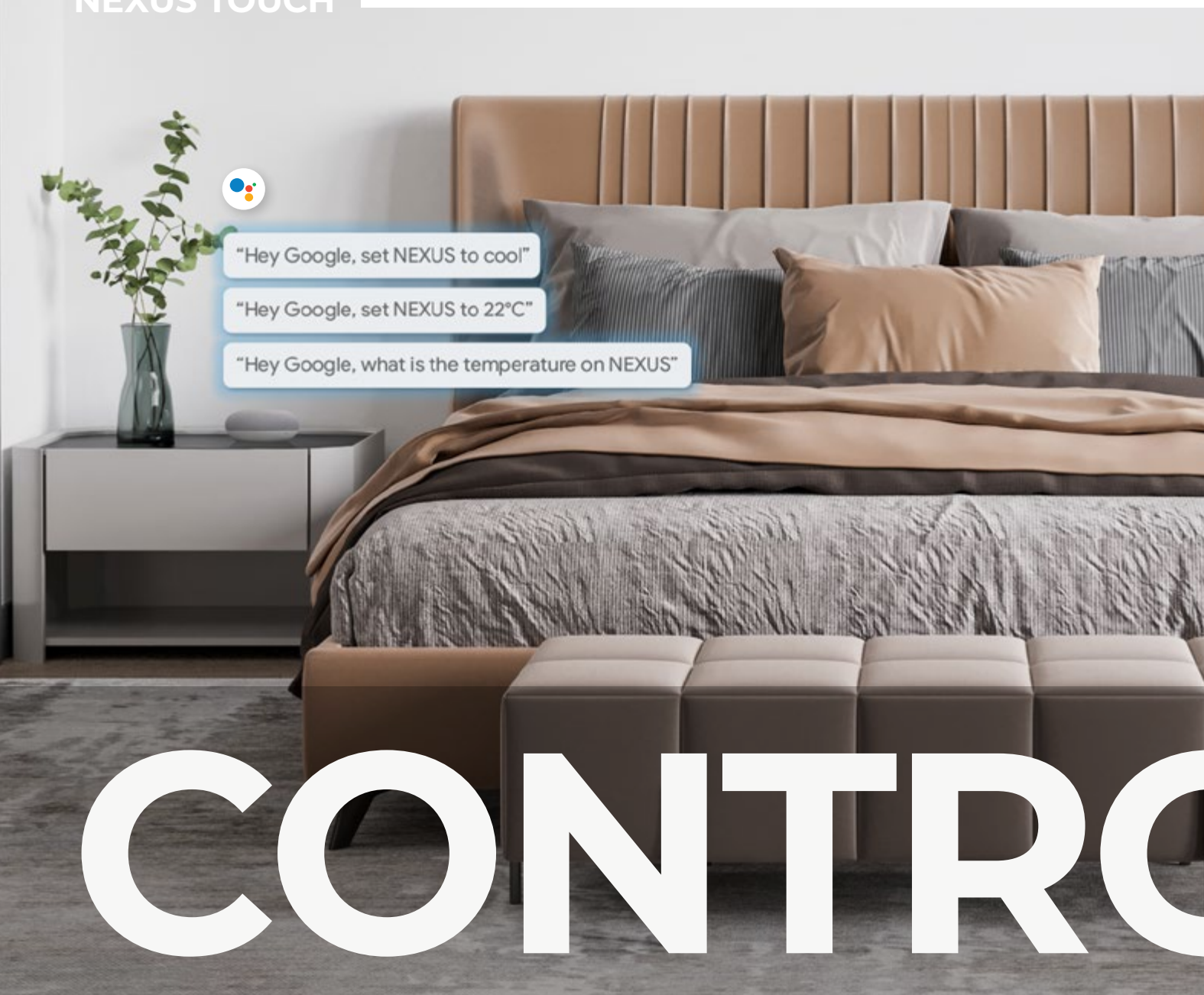
## Comfort Control

NEXUS TOUCH lets you fine-tune your comfort with precise temperature control, allowing you to set the perfect temperature in 1°C increments. It's all about adjusting your home's climate to what feels just right for you.

## Personalised Zoning

With the NEXUS Touch Controller's zoning capabilities, you can easily control up to **16 zones** throughout your home. Plus, you can personalise each zone by giving it a custom name that fits your lifestyle, making it even simpler to manage your comfort.





"Hey Google, set NEXUS to cool"

"Hey Google, set NEXUS to 22°C"

"Hey Google, what is the temperature on NEXUS"

# CONTROL.

## Effortless Self-Cleaning

Activate Self-Cleaning mode on the NEXUS TOUCH Controller, and your UltraSlim Ducted indoor unit takes care of itself with a four-stage cycle designed to reduce dust and mould buildup. It keeps your system running efficiently while ensuring cleaner, healthier air—so you can enjoy a fresher home with less effort.



## Custom Modes for your Lifestyle

Create and personalise modes that fit your daily routine, like favorite settings for sleep, leaving home, or even holiday mode. With easy-to-use custom modes, your home's comfort adjusts seamlessly to your needs, making it simple to enjoy the perfect environment any time of day.

## Control Zones your Way

With individual or group zone control, the NEXUS TOUCH Controller lets you adjust the temperature for a single room or multiple zones at once. Enjoy personalised comfort wherever you need it, all with just a few taps.

## Set and Forget with 7-Day Scheduling

Enjoy complete control of your comfort with 7-day scheduling. Set the temperature, fan speed, and zones for each day, ensuring your home is always just the way you like it—whether you're home or away. It's simple, convenient, and designed to fit your routine.

## Keep Control with Child Lock

Ensure your home's comfort settings stay just as you want them with the added security of a child lock. Easily turn it on or off using a 4-digit password, giving you peace of mind that your system is protected from unwanted changes.



NEXUS TOUCH Controller  
Physical Dimensions (H x W x D): 110mm x 203mm x 17.5mm

## Stay Informed with Smart Notifications

Receive helpful reminders and updates, from weekly timers to notifications about system errors, updates, or maintenance tasks. Whether it's a self-cleaning completion or an error code with a clear description, these notifications keep you informed and your system running smoothly.

## Stay Ahead with 7-Day Forecasts

The NEXUS TOUCH Controller keeps you informed with a built-in 7-day weather forecast. Plan your home's comfort in advance, adjusting settings based on the upcoming weather—so you're always prepared for whatever comes your way.





# ZONING

## Zoning for Comfort and Efficiency

With zoning, you can control the temperature in different areas of your home individually, giving you the flexibility to keep the spaces you use most comfortable while reducing energy use in rooms you don't need. It's a simple way to enjoy personalised comfort in every room while saving on energy costs—perfectly designed to fit your lifestyle.

## Flexible, Efficient Zoning

At ActronAir, we understand every home is different. Whether you have an open-plan living area or a dedicated home office, the UltraSlim Ducted system paired with NEXUS TOUCH provides flexible zoning that adapts to your needs. It's designed to deliver comfort and efficiency, tailored to your space and budget, ensuring the perfect balance of performance and cost-effectiveness.



Up to 16 zones  
and 16 sensors

## Control your Space, Maximise Savings

With the NEXUS TOUCH controller and NEXUS Zone Control Box, you can easily manage and monitor up to **16 zones** in your home. Each Zone Control Box supports **8 zones**, and with two boxes, you can reach the full 16-zone configuration. More zones mean greater control—and the potential for more energy savings by only heating or cooling the areas you need.

## Better Temperature Control, Room by Room

Enjoy more precise comfort with NEXUS Zone Sensors paired to the NEXUS TOUCH Controller. You can connect up to **16 sensors**, giving you accurate temperature control in each room, so every zone feels just right.

\* One NEXUS Zone Sensor can be paired per zone



# SENSORS.

## Smart Savings with Wireless Zone Sensors

With Wireless NEXUS Zone Sensors, you can easily turn off unused zones, helping you save energy and reduce costs. It's a simple way to ensure you're only heating or cooling the spaces that need it, keeping your home efficient and comfortable.

## Wireless Communication

With wireless communication, the system regularly collects indoor temperature data from paired NEXUS Zone Sensors, ensuring each zone stays perfectly adjusted. This means more accurate temperature control and a consistently comfortable home, effortlessly.

## Tailored Comfort in Each Room

NEXUS Zone Sensors provide accurate temperature readings for each room, ensuring every space is just the right temperature. Enjoy personalised comfort where you need it most.



NEXUS Zone Sensor  
Physical Dimensions (H x W x D):  
114mm x 70mm x 17.5mm

## Visual Cues with NEXUS Zone Sensors

NEXUS Zone Sensors feature an integrated light indicator that gives you instant visual feedback. You'll know at a glance whether a zone is open or closed, and the light signals when the device is in pairing mode, making it easy to manage your system with confidence.



# SMART.

## Come home to comfort with the **Easy Connect** mobile app

The Easy Connect app transforms how you manage your air conditioner. With just your smartphone or tablet, you can easily access and take full control of your ActronAir system from anywhere—giving you comfort and convenience at your fingertips, no matter where life takes you.

### Seamless Pairing Made Easy

Connecting the Easy Connect app to your system is simple—just scan the QR code for instant pairing with the NEXUS TOUCH controller. No hassle, just quick and easy setup so you can start managing your home's comfort right from your phone or tablet.

### Updates with Remote Diagnostics

The Easy Connect app keeps you informed with remote diagnostics, sending alerts and system updates directly to your phone. Whether it's a maintenance reminder or a performance issue, you'll know right away, helping you keep your system running smoothly without any hassle.

### Real-Time Monitoring

With real-time monitoring, you can keep track of your home's temperature and system performance from anywhere. It gives you the peace of mind to make quick adjustments, ensuring your home stays comfortable and efficient, no matter where you are.

## Connect to comfort from anywhere.

Requires internet access

available on:



### Home Connectivity

Home connectivity with Google Home and Amazon Alexa is making your life simpler and more convenient, so you can now control your air conditioner with the simple sound of your voice.



"Hey Google, set NEXUS to cool"

"Hey Google, set NEXUS to 22°C"

"Hey Google, what is the temperature on NEXUS"



# Features / Functions Matrix

| Feature / Function                        | Description  | NEXUS TOUCH Controller | Easy Connect App | NEXUS Zone Sensor |
|---|--|------------------------|------------------|-------------------|
| Temperature Adjustment Range              | 17 to 30 degrees   | ●                      |                  |                   |
| Minimum Temperature Setting               | ±1.0 degrees   | ●                      | ●                |                   |
| Damper Adjustment Range                   | 0%-100%  | ●                      | ●                |                   |
| Minimum Damper Setting                    | ±5%  |                        |                  |                   |
| Temperature Sensor                        |  | ●                      |                  | ●                 |
| Available Mode                            | Cooling / Heating / Fan / Dry / Auto   | ●                      | ●                |                   |
| Mimic Control                             | Allows an additional controller to mimic the master controller, providing flexibility and ease of use.   | ●                      |                  |                   |
| 7 Day Schedule                            | A fully programmable schedule allows you to program activity over the full 7 day week (e.g. turn system or individual zones On/Off and program different modes etc).                         | ●                      | ●                |                   |
| On-Board Temperature and Humidity Sensors | On-board temperature and humidity sensors means the NEXUS Touch Controller displays with precise indoor room temperature and humidity levels.  | ●                      |                  |                   |
| Proximity Sensor                          | The Proximity Sensor can be set to automatically wake up a controller when movement is detected in front of the controller, ensuring it's ready to go when you are.                          | ●                      |                  |                   |
| Multiple Fan Speed Options                | Low / Medium / High / Turbo  | ●                      | ●                |                   |
| Zone Naming                               | Allows you to easily personalise the name for each of your zones.  | ●                      | ●                |                   |
| Zone View                                 | Provides a quick overview of the zones connected to the air conditioner, and allows you to quickly turn the zones ON or OFF.   | ●                      | ●                |                   |
| Individual or Group Control Zones         | Allows individual control and group control of Zones   | ●                      | ●                |                   |
| Information Display                       | Easily access real-time indoor humidity, temperature, and a 7-day weather forecast, all in one place—keeping you informed and prepared for any conditions.                                   | ●                      | ●                |                   |
| Time Display                              | Keep track of the time at a glance, with a clear and convenient display right on your controller for added ease and functionality.   | ●                      |                  |                   |
| Notification Display                      | Stay informed with clear notifications for system updates, weekly timers, error alerts, and reminders like self-cleaning completion or software updates, ensuring your system runs smoothly. | ●                      | ●                |                   |
| Function Activation                       | Easily activate key system features like Self-Clean Mode directly from your controller, ensuring optimal performance and convenience for your ducted system.                                 | ●                      | ●                |                   |
| Mode Customisation                        | Personalise your comfort with customisable modes like Sleep, Leave Home, and Back Home, or create your own favorites to fit your lifestyle   | ●                      | ●                |                   |
| Filter Reset Notification                 |  | ●                      | ●                |                   |
| Home Automation Connectivity              | Compatible with Alexa & Google Assistant   |                        | ●                |                   |
| General Setting                           | Date, time, temperature, language setting (English only) etc.  | ●                      |                  |                   |
| Restart / Factory Reset                   |  | ●                      |                  |                   |
| Child Lock with PIN code                  | Gives you the ability to limit access or prevent any unauthorised/accidental changes to the system's operational settings.   | ●                      |                  |                   |
| OTA (Over-the-Air) Software Updates       | Allows the controller software to be updated wirelessly via the internet.  | ●                      |                  |                   |
| Device Information                        | SN code / User Agreement and Privacy Policy  | ●                      |                  |                   |

# Specifications

## NEXUS TOUCH Controller (WTC-01)

| Item                      | Specification                 |
|---------------------------|-------------------------------|
| Dimensions (H x W x D) mm | 110 x 203 x 17.5mm            |
| Screen Size               | 7" inch Coloured Touch Screen |
| Communication             | RS485                         |
| Wireless Communication    | Wi-Fi + Bluetooth             |
| Wiring Port               | RJ12 (Left Buckle)            |
| Power Supply              | 24V AC Power Supply           |
| Connectivity              | Supports 2.4Ghz Wi-Fi         |
| Security Protocol         | Supports WPA2/WPA3            |



## NEXUS Zone Control Box (WZC-01)

| Item                             | Specification                   |
|----------------------------------|---------------------------------|
| Dimensions (H x W x D) mm        | 243 x 126 x 40mm                |
| Communication                    | RS485                           |
| Wireless Communication           | RF 915MHZ                       |
| Installation Condition           | Wall mounted or surface mounted |
| Dampers Control                  | Up to 8                         |
| Connection to Indoor Board       | 4-wire connection               |
| Connection Point on Indoor Board | A/B/GND/12V Terminal            |
| Input Voltage                    | 24V AC                          |



## NEXUS Zone Sensor (ZSW-01)

| Item                               | Specification        |
|------------------------------------|----------------------|
| Dimensions (H x W x D) mm          | 114 x 70 x 17.5mm    |
| Wireless Communication             | RF 915MHZ            |
| Power                              | 2 x CR2450 Batteries |
| Installation Condition             | Wall mounted         |
| Max Distance from NEXUS Controller | 20m                  |



### Important Notes:

- Specifications subject to change without notice.
- All pictures shown are for illustration purposes only.

### Warranty:

For full terms and conditions of ActronAir warranty, please refer to warranty terms document  
- [www.actronair.com.au](http://www.actronair.com.au)





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and operated since 1984

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