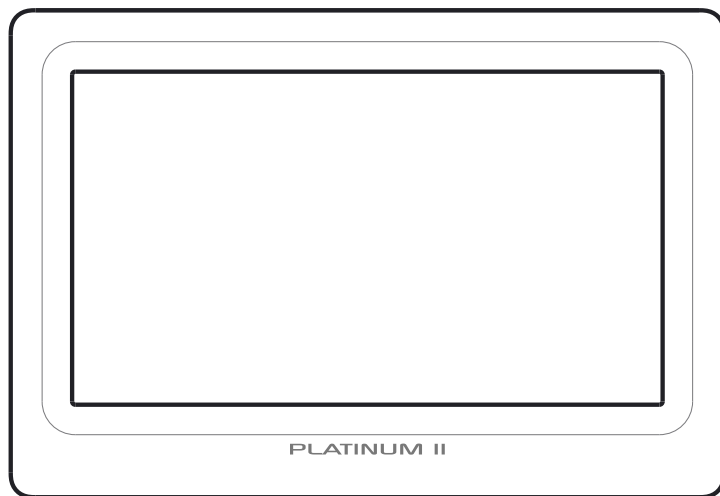
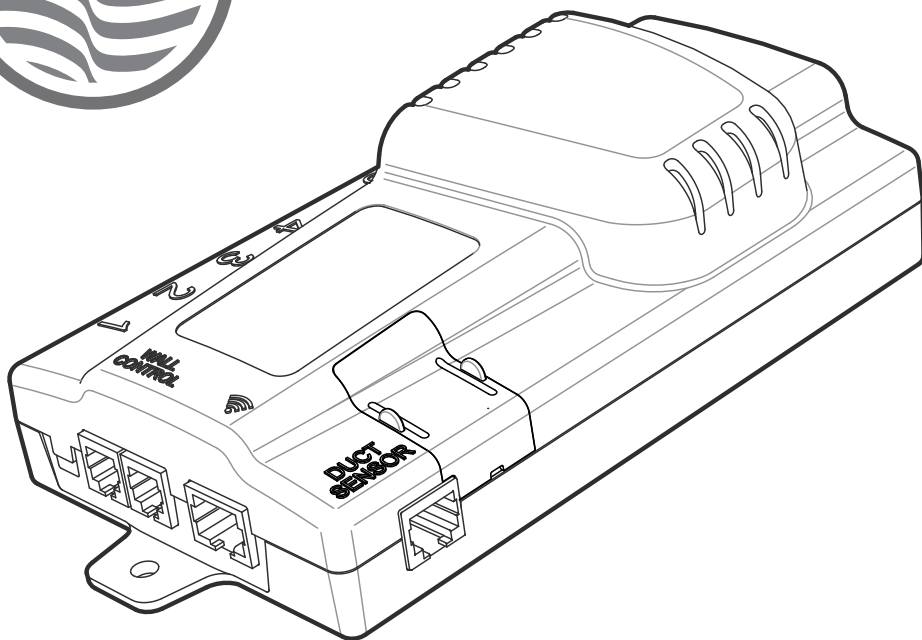




PLATINUM II

ZONE CONTROL SYSTEM



INSTALLATION MANUAL

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PRECAUTIONS

1. Precautions

Refer to these installation instructions before commencing the installation or service of this product.



WARNING

This product should be installed and setup by qualified personnel.

To reduce the risk of fire, electric shock or product damage:

DO NOT expose to rain or moisture of any kind

DO NOT place articles filled with water on or near this appliance

DO NOT remove covers – there are no serviceable part inside

DO use only genuine Air Diffusion Agencies components

Ensure all electrical connections are made before connecting power to the Control Box.

Installation setup changes should only be attempted by qualified personnel.

2. Environmental Information

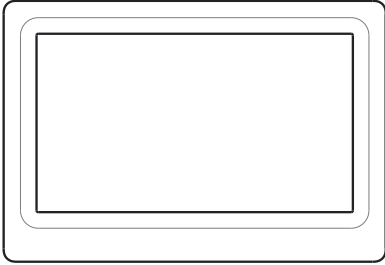
This product (including packaging) is manufactured from fully recyclable components. Please dispose of in an appropriate manner.



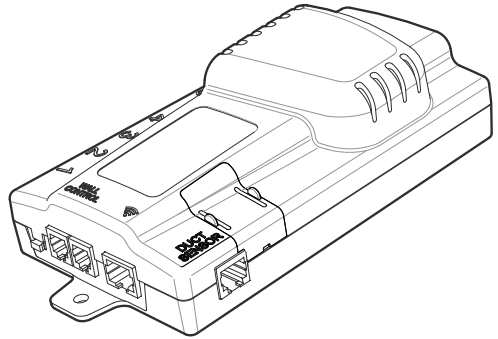
COMPONENTS SUPPLIED

3. Components Supplied

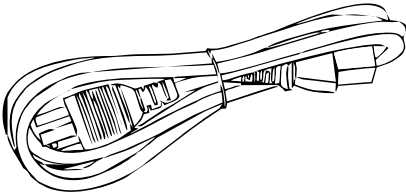
Touch Screen



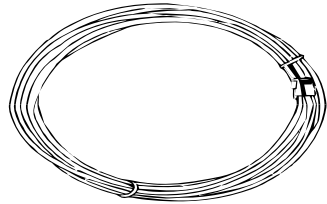
Control Box



240V AC Power Cord



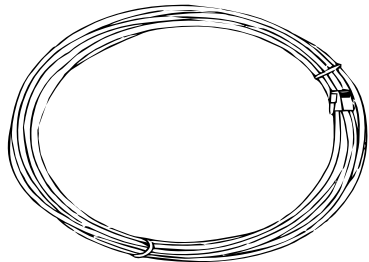
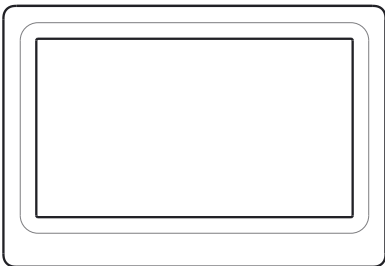
Low Voltage Coms Cable (15m)



2 x Instruction Manuals

4. Optional Components

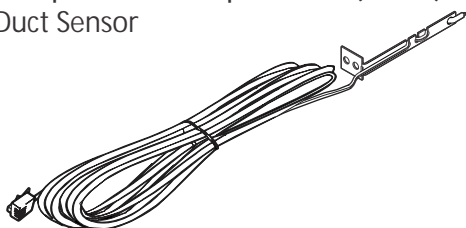
Secondary Touch Screen with Low Voltage Coms Cable (30m)



MOUNTING THE CONTROL BOX

4. Optional Components (cont.)

Duct Sensor



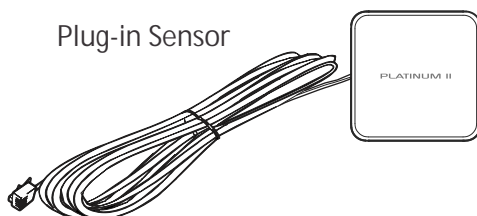
Wireless Sensor



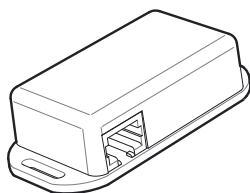
Wireless Receiver



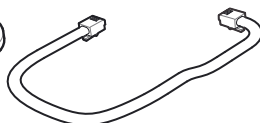
Plug-in Sensor



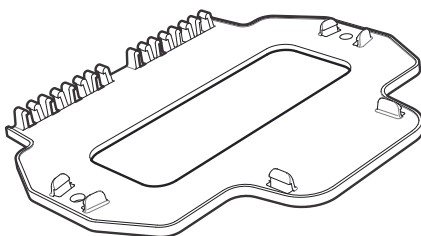
Wi-Fi Module



Wi-Fi Module Cable



Wi-Fi Mounting Plate



5. Mounting the Control Box

- Mount the Control Box in the roof space in a location central to all of the Zone Dampers, ideally near a ceiling access panel.
- Mount in a well ventilated area.
- The Control Box should be screwed to the roof structure at a level to provide easy access for the connection of wires.

DO NOT cover the Control Box with insulation

DO NOT mount below water heaters.

DO NOT mount near or below water pipes.

DO NOT mount near power cables or other sources of electrical noise.

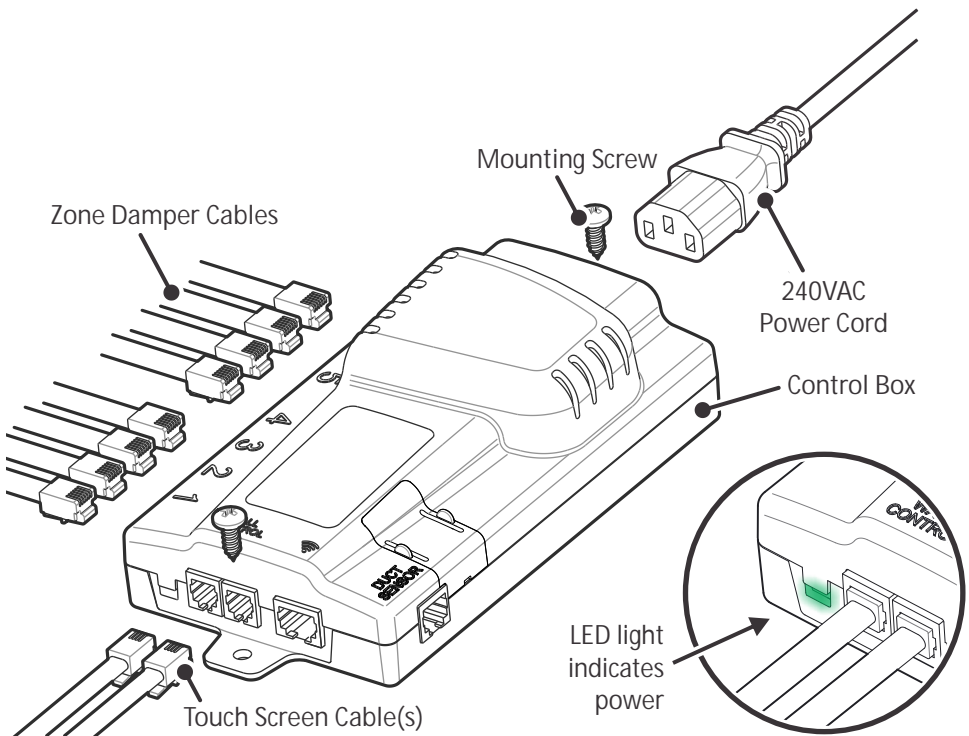
CONNECTING THE ZONE DAMPERS

- The last step is to plug in the power cord to a standard power outlet. The power outlet must be fitted by a licenced electrician.

DO NOT power up the Control Box until all connections are made.

6. Connecting the Zone Dampers

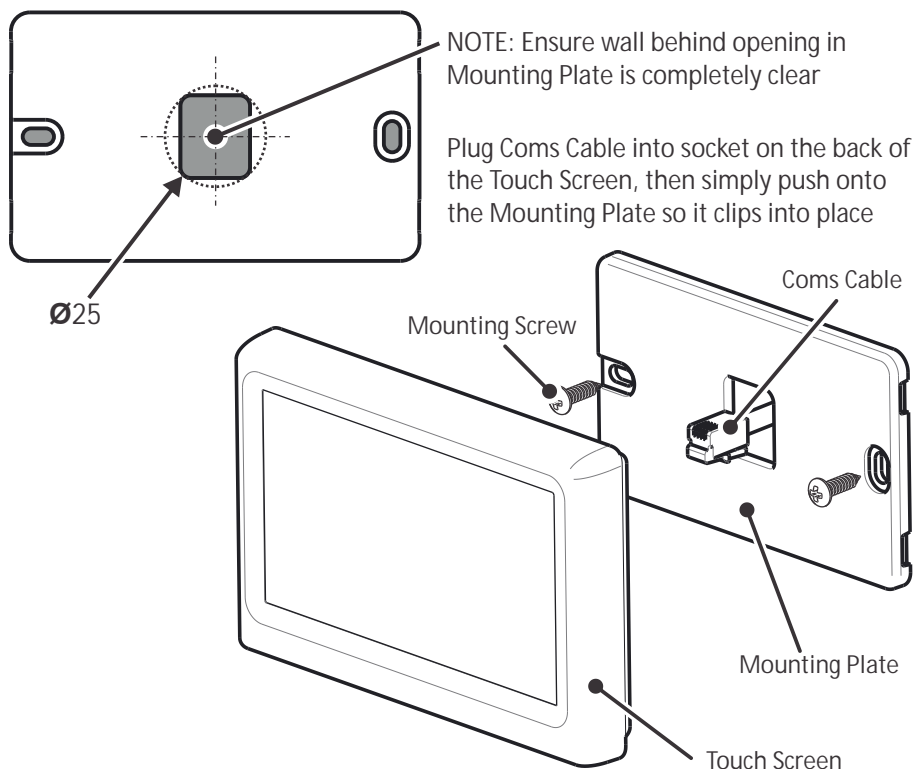
- Plug in the Zone Damper cables to the Control Box.
- Record the position and size of each Zone Damper on the record sheet in the back of this manual
- The Zone Damper cables should plug into the Control Box starting at position number 1. The remaining cables are plugged into adjacent consecutive sockets.



MOUNTING THE TOUCH SCREEN

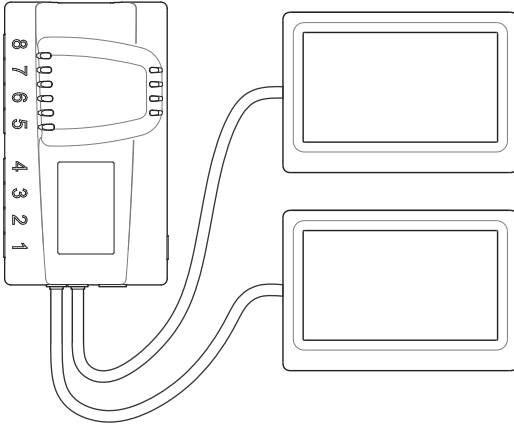
7. Mounting the Touch Screen

- Mount the Touch Screen close to the air conditioner control so they can be programmed and monitored together. Ensure at least a 50mm gap. It is recommended not to mount the Touch Screen below the air conditioner control to prevent any radiant heat inadvertently affecting the air conditioner thermostat.
- Avoid mounting in direct sunlight.
- The Mounting Plate is used as a template for marking the wall before mounting. A minimum 25mm diameter hole is required in the wall to accommodate the socket on the back of the Touch Screen.
- The Mounting Plate can be attached to a wall using supplied fixings or a standard wall switch bracket.

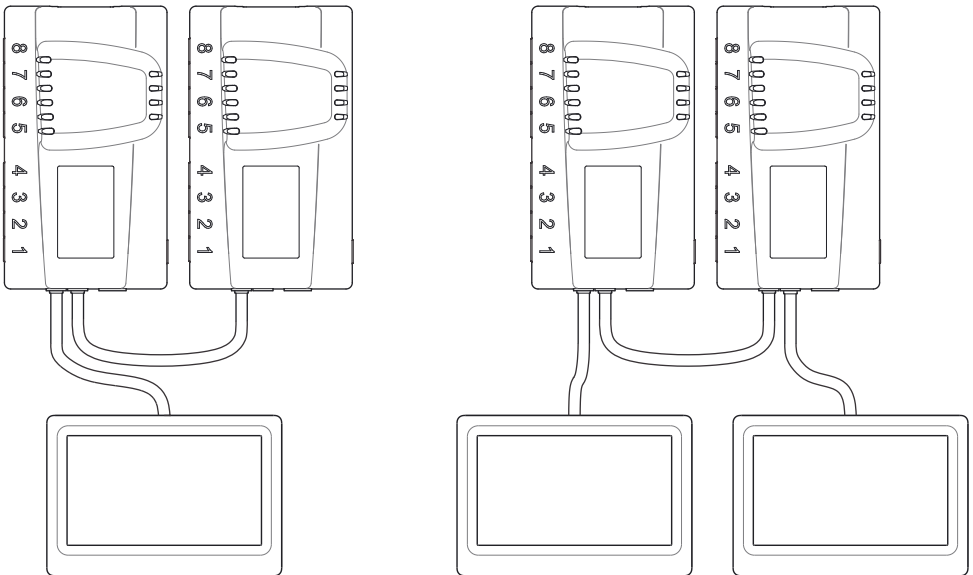


8. Configuring for Multiple Systems

Two Touch Screens can be linked to one Control Box - this is particularly useful for 2-storey building applications. Simply plug the additional Coms cable and Touch Screen into the Control Box.



Two Control Boxes can also be linked to create a maximum 16 zone system, using one or two Touch Screens.



SYSTEM SET UP

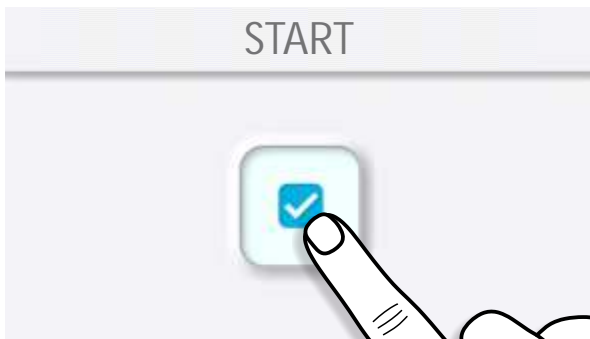
9. System Set Up

When the Touch Screen is first powered up, it will display a Start screen.

NOTE: For a dual Touch Screen system, whichever screen is activated first will be designated the Master and the other screen will be the Slave.

The system will check the installed components during the initialization process. (This will also occur following a power interruption.)

The system will also check the compatibility of the firmware between the Control Box and Touch screen - if this fault occurs contact Air Diffusion Agencies.

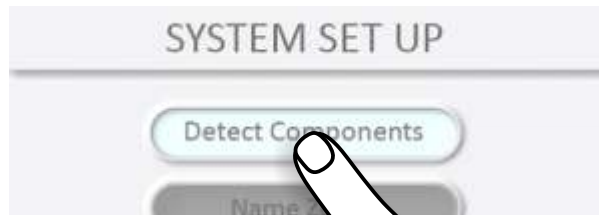


SYSTEM SET UP

Once the initialization process is complete, the System Set Up screen is displayed.



10. Detect Components



If the Zone Dampers have been installed correctly, all Zone Damper detections should be indicated with a green light. Check that all Zone Dampers have been detected. If there is a problem with a detected Zone Damper it will be indicated with a red light.



A simple 'Recheck' may resolve the issue. The 'Recheck' button will flash during this process. If this does not resolve the issue, it may be necessary to investigate Zone Damper components, faulty cables or plug connections.




SYSTEM SET UP

In an Auto system, the wireless Sensors must be linked to the relevant Zone damper. To link the Sensor, press the relevant Set Sensor button.

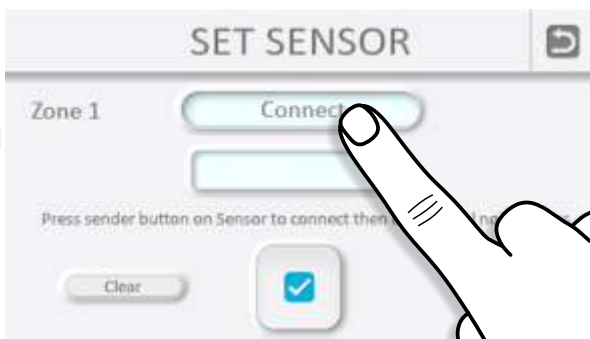
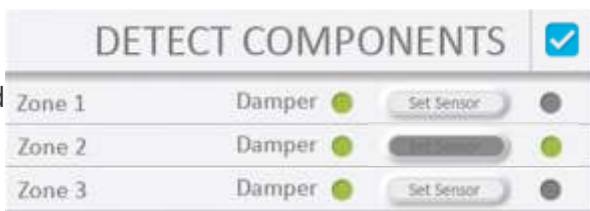
NOTE: In some extreme circumstances a wireless Sensor may not be practical and a plug-in Sensor may be required. In the event a plug-in Sensor is used, the Set Sensor icon will be blanked and will be indicated with a green light.

Press 'Connect'

Press the sender button on the wireless Sensor - a code should appear. Check the code matches the serial number on the Sensor and if OK, press  to continue.

If the serial number is incorrect, press 'Clear' and try again.

'Clear' can also be used when it is required to link an alternate wireless Sensor or if replacing a wireless Sensor with a plug-in Sensor.



SYSTEM SET UP

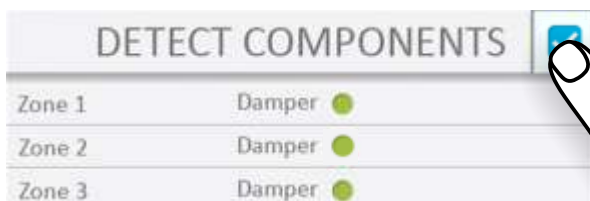
Once the Sensor is successfully detected it will be indicated with a green light.

If the Sensor does not connect, it may be necessary to investigate Sensor components or check signal strength by changing position of the Sensor.

NOTE: The system will continue the set up process even if components are left undetected, however a 'Fault' icon will appear for the relevant Zone on the Base Screen after the set up process is complete.

In an Auto system, if a Sensor has not been configured for a particular zone, the Auto functionality will be disabled for that zone.

Press the  icon to exit screen and continue.



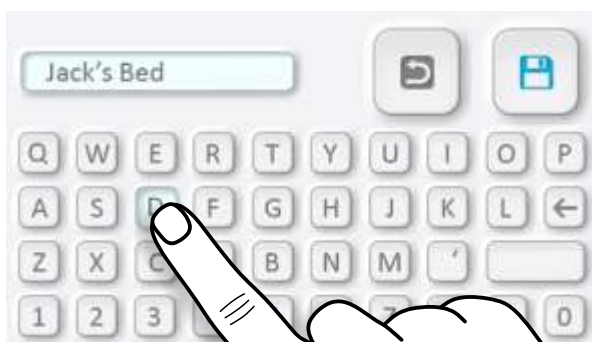
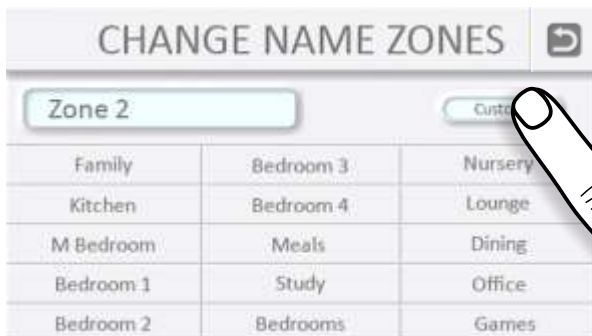
SYSTEM SET UP


11. Name Zones



SYSTEM SET UP

Alternatively for a custom name:



When all Zones have been named, press the  icon to exit screen and continue.



SYSTEM SET UP


12. Zone Set Up


It is important to set the diameter of each Zone Damper to ensure the Relief Zones function correctly.




To set Relief Zones, press the relevant icon(s) that will serve as Relief Zones.

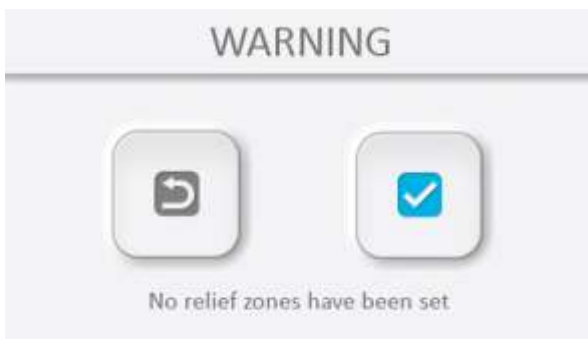
SYSTEM SET UP


Once all Zones have been configured press the  icon to exit screen and continue.

If no Relief Zones have been set a warning screen will display. Pressing  will return the display to the previous Zone Set Up screen so Relief Zones can be set.

Pressing  confirms acceptance no Relief Zones are set.

NOTE: If no Relief Zones have been set there must be a Zone where no Damper is fitted to allow for the minimum airflow requirement and prevent any damage to the air conditioning system.



At this point there will be optional System Set Up functions that can be used – these are detailed later. Otherwise installation is now complete – press  to continue.



SYSTEM SET UP

For an Auto system the Start Up Mode screen will be displayed. Select the initial start up mode depending on whether the air conditioner will start in heating or cooling mode.



The Base Screen will now be displayed ready for use. The Base Screen will look slightly different depending on whether it is a Manual...



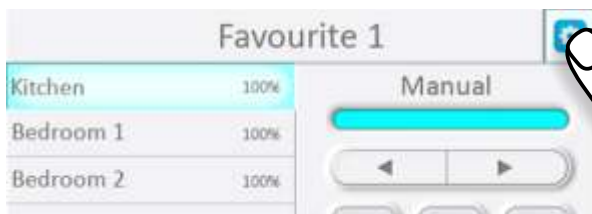
... or Auto System.



Refer to the Owners Manual for changing Zone Settings and Adding Favourites.

13. Accessing System Set Up

After initial installation, access to System Set Up functionality can be obtained by pressing the icon in the top right corner and will require a 4-digit installer code.



Access to System Version and Diagnostic information are also available from this screen. This information may be useful in the event of a service call.



SYSTEM SET UP



DIAGNOSTICS

Zone	Mode	Temperature	Position
Zone 1	Off		Off
Zone 2	Manual		10
Zone 3	Manual		20
Zone 4	Manual		70

Navigation arrows (down and up) are located below the table.

In an Auto system, the Diagnostics screen contains additional information from the Sensors and indicates whether the system is in heating or cooling mode by the icon in the top left corner.

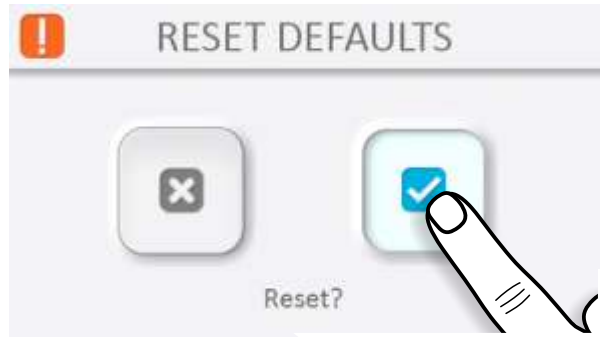
DIAGNOSTICS

Zone	Mode	Temperature	Position
Zone 1	Manual	26.0°C *	50
Zone 2	Auto-2	26.5°C *	60
Zone 3	Auto+2	26.5°C	100
Zone 4	Auto-1	24.5°C *	70

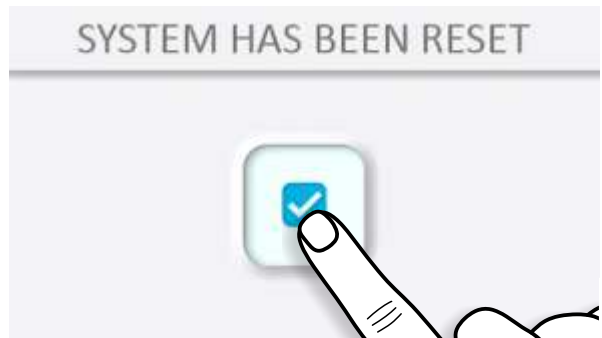
Navigation arrows (down and up) are located below the table. At the bottom, it displays: Average 26.0°C Duct 27.0°C

14. Reset Defaults

This will remove all user/installer saved information and return the system to its original factory settings.



Pressing ☒ will reinitialize the system then return to the System Setup screen as shown during an initial set up.



SYSTEM SET UP

15. Adding a Zone

To add a Zone to the system, once the new Zone Damper has been installed, access the System Set Up screen and press Detect Components button.



Press 'Recheck' to prompt the system to search for components. The 'Recheck' button will flash during this process.

If the component is detected successfully, a new Zone will appear with the Damper indicated by a green light.

NOTE: The same process can be used to remove a Zone. Any unplugged Zone or a Zone in fault when a 'Recheck' is activated will be removed from the system.

DETECT COMPONENTS		<input checked="" type="checkbox"/>
Zone 2	Damper 	
Zone 3	Damper 	
Zone 4	Damper 	
Zone 5	Damper 	
Zone 6	Damper 	
		Recheck

In an Auto system, a new Sensor may also need to be set following the previous procedure. Follow the same procedure for naming the Zone and configuring the size.

16. Upgrading to an Auto System

If upgrading from an existing Manual setup, once the necessary components have been installed, follow the same procedure for Adding a Zone. The 'Recheck' function will detect the additional components and allow the setup of Sensors. In this case the system will default to cooling mode, so if the air conditioner is in heating mode it will take 5 minutes for the system to switch over.

WARRANTY

17. Warranty

Subject to the conditions below, this product is guaranteed against any defects in materials or workmanship under conditions of normal use for a period of 12 months from date of purchase.

The benefits conferred by this warranty are in addition to other warranties and remedies that are implied under the Trade Practices Act and similar State and Territory laws.

Subject to statutory rights the goods will not be eligible for service under this warranty if:

- a) Proof of purchase cannot be provided.
- b) The defect was caused by an accident, misuse, abuse, improper installation or operation, lack of reasonable care, vermin infestation, unauthorised modifications, loss of parts, tampering or attempted repair by a person not authorised by Air Diffusion Agencies.
- c) The product has been damaged by lightning or mains power surge.
- d) The product has been used for other than its intended use.

Subject to your statutory rights:

- a) Any claim under this warranty is limited to the repair or replacement of the product and does not include installation cost, travelling cost or freight charges.
- b) All claims must be returned to Air Diffusion Agencies or its agents at the claimant's expense.
- c) If the goods are found to be in sound working order by the authorised service centre, you may be charged a fee for the service and for any other direct costs associated with having the product delivered for service.
- d) This warranty is not transferrable and is only available to the original purchaser.

18. Troubleshooting

All service to the Platinum II system must be carried out by an approved Air Diffusion Agencies service technician, and must not be done by unqualified personnel. Repairs carried out by unqualified personnel will void warranty.

Problem	Cause	Solution
Touch Screen has no display	Coms cable not plugged in. Power cable not plugged into Control Box. Power point not switched on at Control Box. No power at power outlet. Circuit breaker tripped.	Check plug connections in back of Touch Screen and at Control Box. Check power plug connection at Control Box. Switch on the power point. Check fuses, circuit breakers, call electrician. Re-set. If problem persists call service technician.
Touch Screen displays "Fault in damper"	Damper unplugged. Faulty Damper. Faulty Damper motor. Faulty motor cable.	Check connections at the Control Box and at the Damper motor. Replace Damper. Replace Damper motor. Replace motor cable.
Touch Screen displays "Fault in sensor"	Flat sensor battery. Insufficient signal strength. Faulty sensor. Sensor unplugged. Faulty sensor cable.	Replace sensor battery. Try alternate sensor position. Replace sensor. Check plug connections. Replace sensor cable.
Touch Screen displays "Fault Duct Sensor"	Faulty duct sensor. Duct sensor unplugged.	Replace duct sensor. Check plug connection at Control Box.
Touch Screen displays "Communication Failure"	Missed communication from Control Box.	Turn off power supply at fuse box or power point for 10 seconds. Replace Coms cable. If problem persists call service technician.
Touch Screen is working but one Zone is not regulating the airflow	Broken damper blade. Blade is obstructed. Duct not properly connected.	Replace damper. Remove obstruction. Check duct connection.

Air Diffusion Agencies strive to implement continuous product improvement, therefore specifications are subject to change without notice.

ZONE RECORD SHEET

Zone	Room	Zone Ø	Relief	Sensor ID
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				



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