



airstream
COMPONENTS

technical catalogue

Part 4

Electronic controls



iZone 211 & 311 Configuration main menu

Monday 01 Jan 2011 12:30 PM

System Configuration

No. of Zones	4
No. of Constants	1
Zone Setup	
AC Unit Setup	
FeeAir	
Sensor Config	
Sensor Calibration	
Fan Auto Setup	
Tag Lines	Type in Tag Line 1 here Type in Tag Line 2 here
Auto Off	

Next **Back**

iZone
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Touch here to edit the number of zones installed.

Touch here to edit the number of variable electronic constant zones required.

Touch here to set up and configure each zone (see 2.7).

Touch here to set up AC Unit Control (see 2.7).

Touch here to enable Free Air icons. Isave components must be installed and electronic hardware set up accordingly

Touch here to configure wired and wireless sensors

Touch here to calibrate sensors

Touch here to set up Fan Auto mode. When the Fan mode is set to auto, fan speeds will change automatically when zones are closed or opened

Touch here to edit the first tag line.

Touch here to edit the second tag line.

Touch here to enable Auto Off function. When enabled AC unit will automatically switch off when all zones are closed

Touch to proceed to the next configuration page (see page 17).

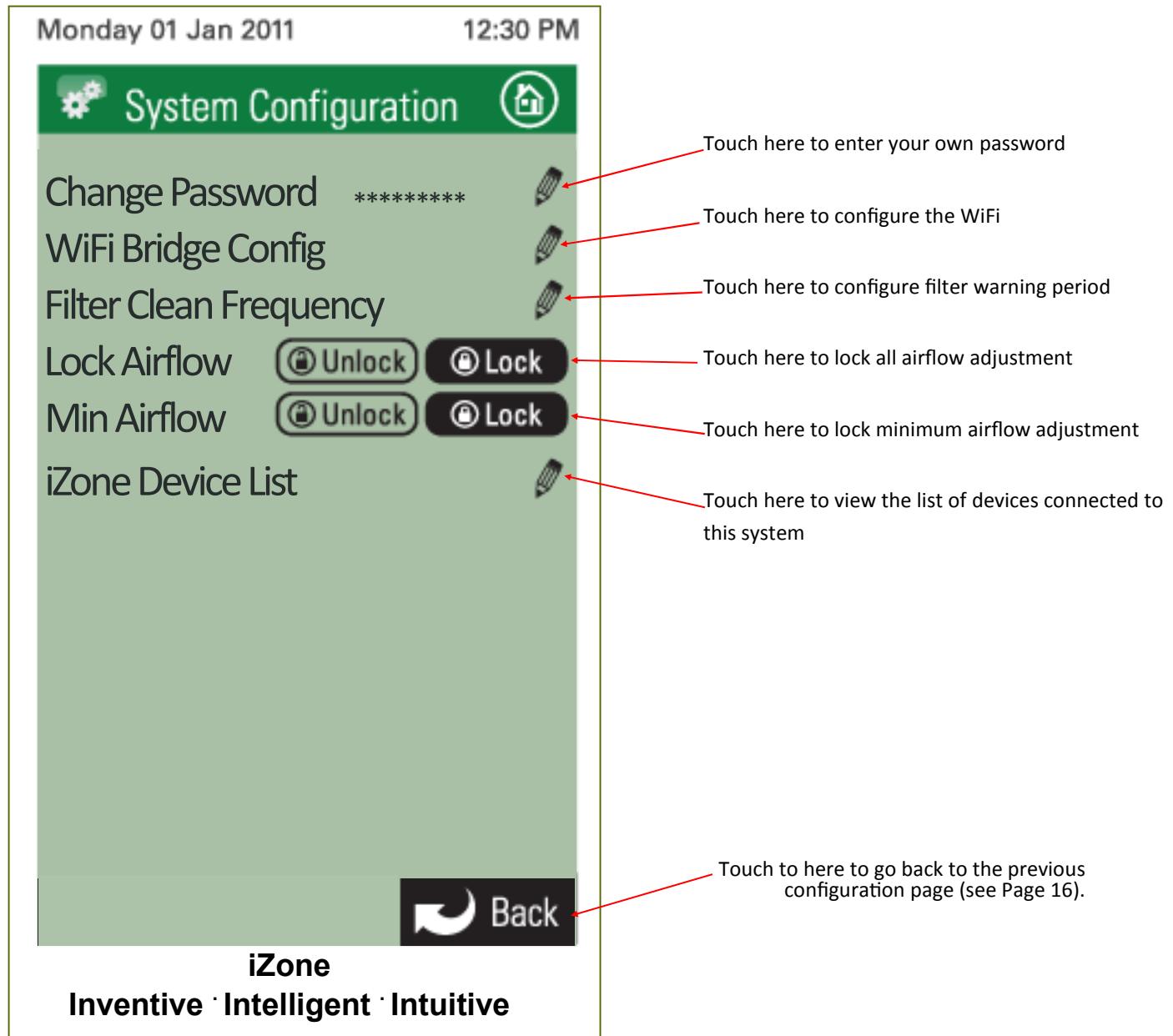
Note:

Information on the configuration screen may vary depending which devices are connected to the system and if it is an iZone 311 or 211

Electronic controls



iZone 211 & 311—Configuration main menu cont.



Note:

Information on the configuration screen may vary depending which devices are connected to the system and if it is an iZone 311 or 211

Electronic controls



iZone 211 & 311—Zone set up

The screenshot shows the 'Zone 1' configuration screen. At the top left is the date 'Monday 01 Jan 2011' and time '12:30 PM'. To the right is a small house icon. Below the date is the zone name 'Zone 1*' with an asterisk indicating it's currently being configured. The main display area shows two sets of airflow percentages: 'Max Airflow' at 80% and 'Min Airflow' at 10%. Each set has an 'Increase' button (with a left arrow) and a 'Decrease' button (with a right arrow). To the right of these are 'Lock', 'Const 1', and 'Climate' buttons. At the bottom are 'Open / Cls', 'Next', 'Previous', and 'Back' buttons, along with an 'iZone' button on the far right. Red callout lines point to various controls with descriptive text.

An * here indicates the temperature for this zone is being read from this panel

This is the zone that is currently being configured. If the zone has been named its name will show here

Touch here to make this zone an electronic variable constant.

Press repeatedly if more than one constant zone is required. This will step through the constant numbers. Select which constant you want this zone to be

Touch here to increase the maximum airflow to the zone

Touch here to decrease the maximum airflow to the zone

Touch here to increase the minimum airflow to the zone

Touch here to decrease the minimum airflow to the zone

Touch here to lock this touch screen controller in a zone only mode

Touch here to make this zone a temperature controlled zone. This must only be done from the screen installed in the temperature controlled zone

Touch here to make this zone an open / close zone

Touch here to proceed to the next zone

Touch here to go to the home screen

Const 1

Climate

Open / Cls

Next

Previous

Back

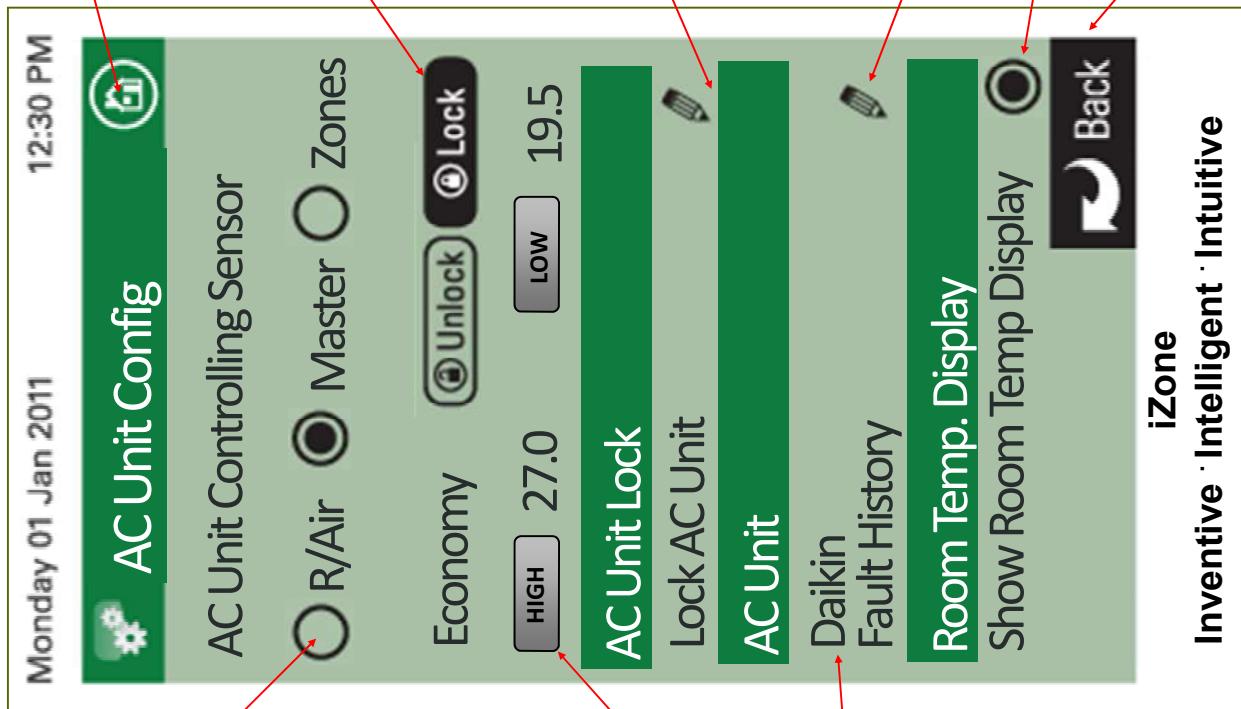
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Electronic controls



iZone 311—Ac unit configuration



Select method of controlling the AC unit.

- R/Air will control using the unit's return air sensor.

- Master will control the AC unit from the colour touch screen that has been selected as the Master (3.1).
- Zones will automatically control the AC unit from the temperature controlled zones (3.1.2).

Toggle the high and low buttons to select the maximum and minimum temperature set points desired for "Economy Lock Mode".

Indicates a Daikin AC unit module is connected to this system

Electronic controls



iZone 211 & 311 -Sensor Configuration

The screenshot shows the "Sensor Config" screen of the iZone app. The top bar displays the date "Monday 01 Jan 2011" and time "12:30 PM". The main menu includes "Sensor Config" (selected), "Pair Wireless Devices", "Wired Sensor LED Auto Off" (set to "Off"), "Sensor Battery Status", "Rf Channel Config" (set to "1"), and a "Back" button. Callouts provide instructions for each menu item:

- "Hold down the "Pairing Button" on the iZone wireless device. (see 3.5)." (points to "Pair Wireless Devices")
- "Then press here to pair the device to your iZone system" (points to the "Wired Sensor LED Auto Off" button)
- "Touch here to allow wired zone sensor LEDs to automatically turn off after use." (points to the "Sensor Battery Status" button)
- "Touch here to view the status of the sensor batteries." (points to the "Rf Channel Config" button)
- "Touch here to go back and save the changes." (points to the "Back" button)

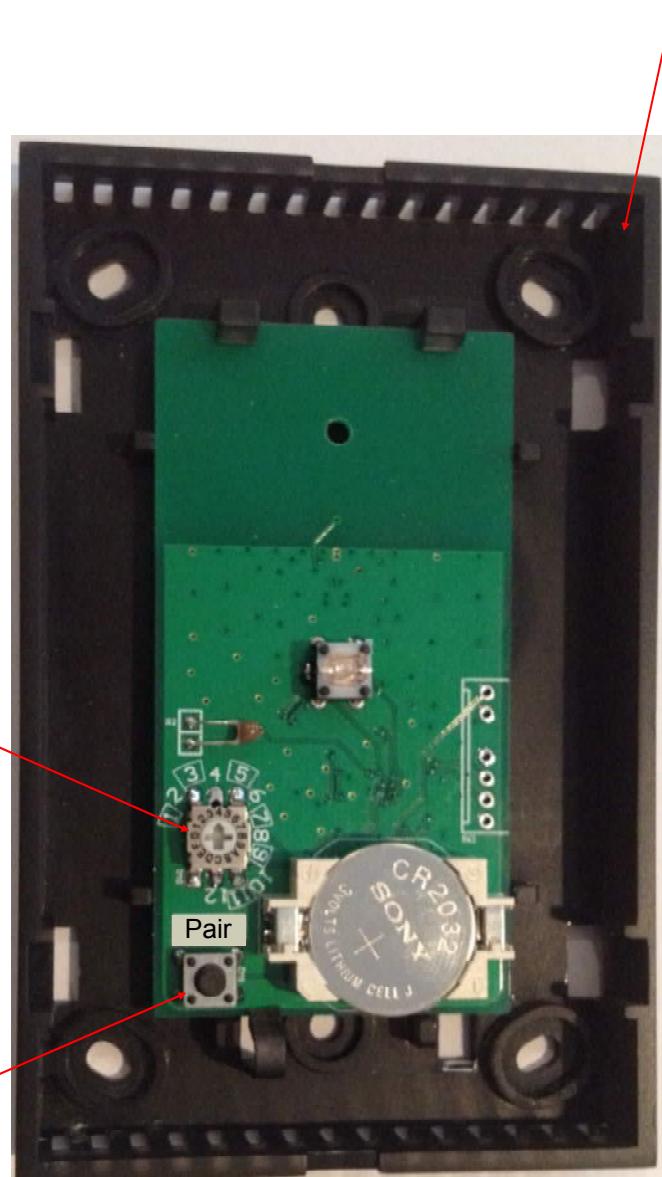
Below the Rf Channel Config section, there is descriptive text: "Displays the Radio frequency channel the system has been configured to. This channel can be changed if RF interference is being experienced. If the channel is changed all wireless devices need to be paired"

Electronic controls



iZone 211 & 311—Pairing and configuring iZone RF Sensors

Remove front cover from sensor



Set the zone selector switch to the correct zone number

Press and hold Pairing button on the wireless device . At the same time press the Pairing Button on the touch screen (see 3.4) and wait until the update is complete

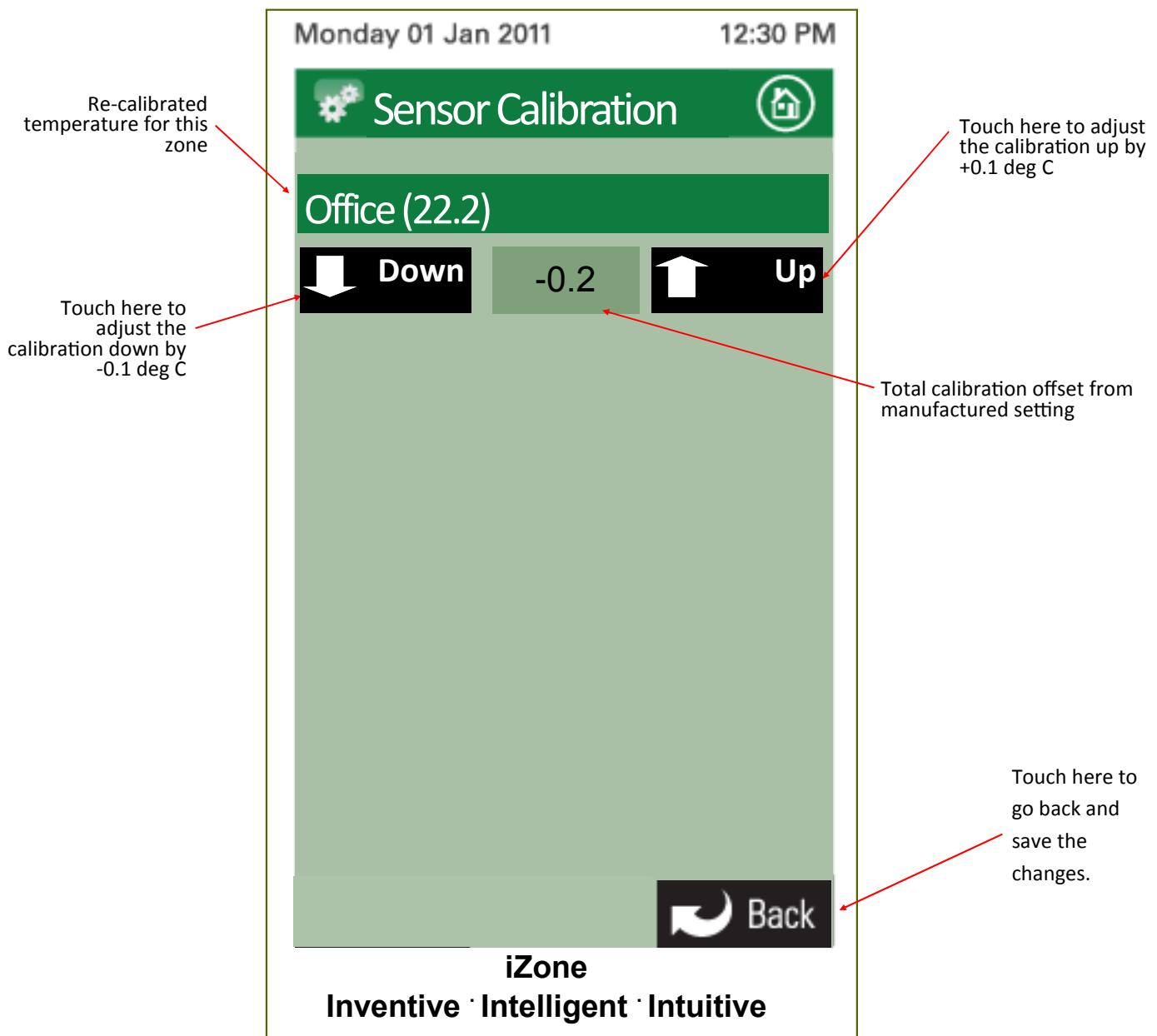
Note:

To pair other devices such as an iZone bridge or repeater simply press the pairing button on the device and at the same time press the paring button on the touch screen and wait for the update to complete.

Electronic controls



iZone 211 & 311—Sensor Calibration



Note:

Re-calibration of the temperature sensor in the touch screens (CCTS) can only be done from the touch screen you want to re-calibrate.

Electronic controls



iZone 311 Fan auto configuration

The screenshot shows the 'Fan Auto Config' screen with the following details:

- Top status bar: Monday 01 Jan 2011, 12:30 PM
- Header: Fan Auto Config
- Section: Enable Fan Auto Control
- Setting: Auto Fan (radio button selected)
- Section: Capacities
- Setting: Unit Capacity [kW] 14 (with edit icon)
- Setting: Fan Airflow [l/s] 1020 (with edit icon)
- Section: Select Fan Type
- Options:
 - 2-Speed Fan (radio button)
 - 3-Speed Fan (radio button selected)
 - Variable Speed Fan (radio button)
- Buttons at the bottom: Previous, Back, iZone, Inventive · Intelligent · Intuitive

Annotations on the left side:

- Select the correct fan speed type for the system installed. Refer to AC Unit Manufacturer manual
- Only available on certain AC unit makes

Annotations on the right side:

- Touch here to enable Fan Auto control and to proceed with Fan Auto set up
- Touch here to set the AC Unit capacity for this system. The capacity selection will provide an approximate airflow capacity for the AC Unit.
- Touch here to fine tune the airflow capacity. You can set the exact airflow in litres per second. This is available from the AC Unit manufacturer
- Touch to here to go back to the previous configuration page (see 2.6).

Electronic controls



iZone 311—Fan auto configuration cont.

Monday 01 Jan 2011 12:30 PM



Touch here
to set the
kitchen area
in square
meters

Zone name

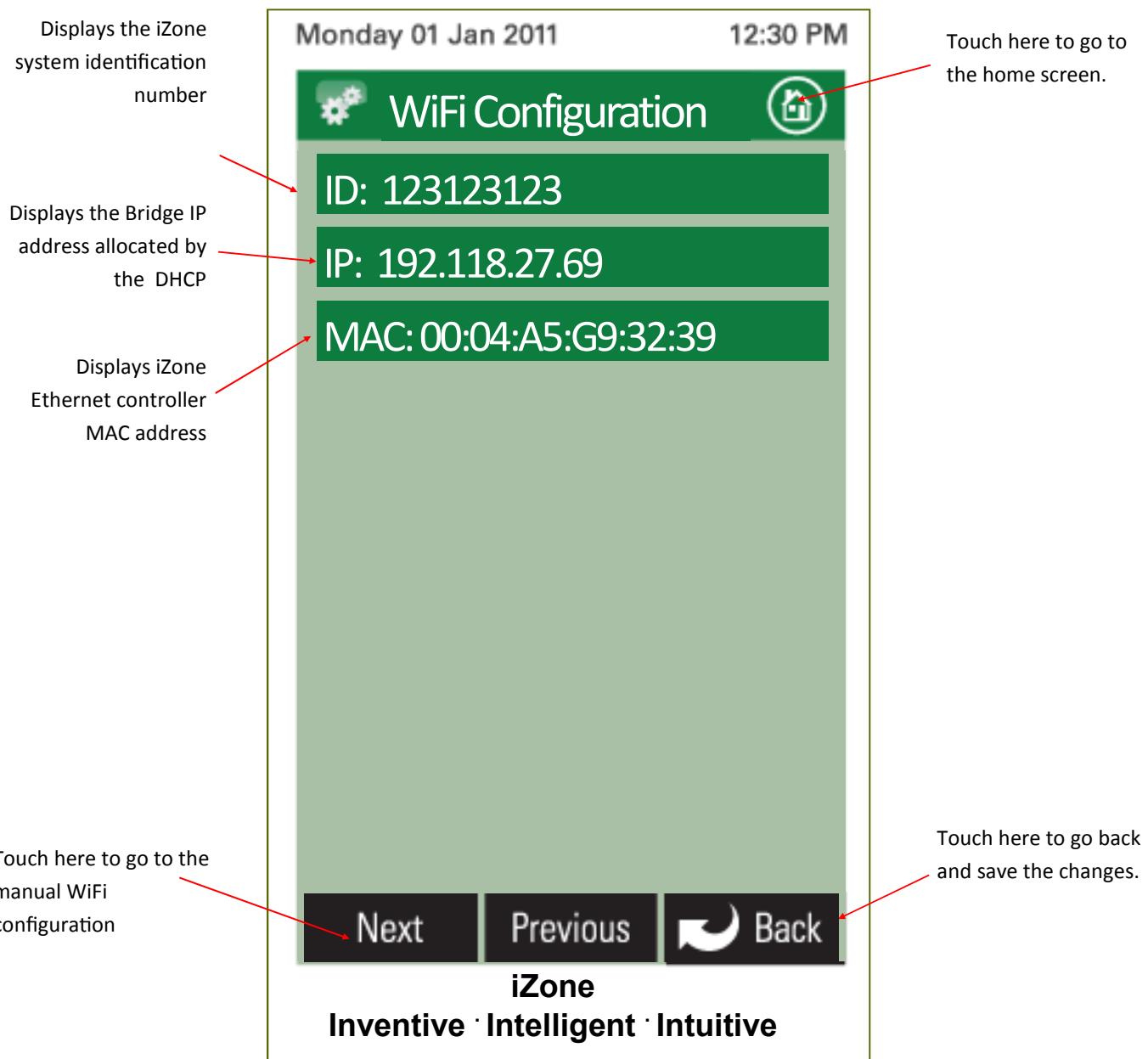
Current
area set for
Zone 3

Touch to here to go to the
next 3 zones

Electronic controls



iZone 211 & 311—Wifi bridge configuration



Touch here to go to the manual WiFi configuration

Touch here to go to the home screen.

Touch here to go back and save the changes.

Electronic controls



iZone 211 & 311—Manual IP configuration

The screenshot shows the WiFi Configuration screen for the iZone 211 & 311. The top status bar displays the date (Monday 01 Jan 2011) and time (12:30 PM). The main title is "WiFi Configuration".

IP Address

Select either Auto or Manual Configuration. If manual is selected you will need to know the IP, Subnet Mask, Default Gateway, Primary DNS Server and Secondary DNS Server addresses if applicable.

Auto Configuration (radio button)

Manual Configuration (radio button, selected)

IP Address: Four input fields, each containing "0".

Subnet Mask: Four input fields, each containing "0".

Default Gateway: Four input fields, each containing "0".

Primary DNS Server: Four input fields, each containing "0".

Secondary DNS Server: Four input fields, each containing "0".

Buttons at the bottom:

- Apply**: Touch here to apply the changes to the configuration.
- Previous**
- Back**: Touch here to go back without saving the changes.

Bottom text:

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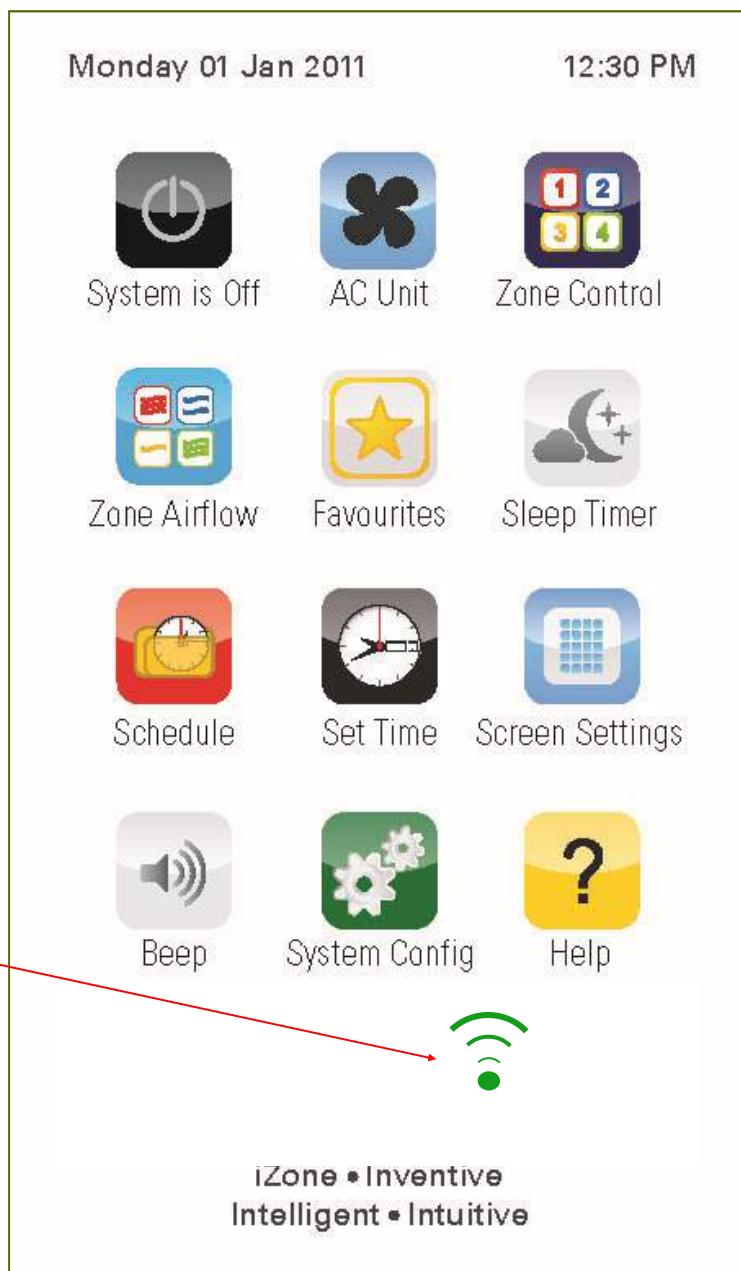
Annotations with red arrows:

- A red arrow points from the text "Select either Auto or Manual Configuration. If manual is selected you will need to know the IP, Subnet Mask, Default Gateway, Primary DNS Server and Secondary DNS Server addresses if applicable" to the "Manual Configuration" radio button.
- A red arrow points from the text "Touch here to apply the changes to the configuration" to the "Apply" button.
- A red arrow points from the text "Touch here to go to the home screen." to the house icon in the top right corner.
- A red arrow points from the text "Touch here to go back without saving the changes." to the "Back" button.

Electronic controls



iZone 211 & 311—Wi-Fi connection



A grey symbol indicates the Bridge is connected to the iZone system but is not connected to the home computer network

Electronic controls



iZone 211 & 311—iSense controller

