

Myzone 3 Installation and Configuration Manual



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MYzone3™

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General Installation Rules

1. The Myzone CPU (C225) and A/C Unit Module (C325) can be installed close or on the indoor fan coil unit.
2. Do **NOT** directly hardwire the 240V/24V transformer into the A/C units power supply. The transformer requires its own power supply.
3. Do **NOT** run the A/C unit control cables or RJ45 cables alongside 240V wiring.
4. Must use two-core, **shielded** data cable with a minimal thickness of 0.75mm² for the A/C unit control cable.
5. Connect the Nexus or Nano touch screens to the Myzone net ports on the Myzone CPU using the supplied RJ45 cables.
6. When installing RJ45 cables down wall cavities or chasing through walls, protect the RJ45 connectors with tape to avoid damage, installation damage to cables is **not** covered under warranty.
7. All zone motors used on a system must be the **SAME** brand.
8. Connect all zone damper motors using RJ12 cables.
9. Always install zones in consecutive ports starting at Zone 1. The Myzone CPU (C225) is marked with zone numbers.
10. If any zone is temperature controlled, connect a supply air in-duct temperature sensor to the CDTs port on the Myzone CPU (C225). Install the sensor into the **supply air** plenum. Secure the sensor in place using reinforced aluminium tape.
11. When installing temperature controlled zones, ensure the sensor for the associated zone is installed in a location that is representative of the temperature in the room/ zone. The sensor should be installed at approximately 1600mm above the floor and should not be subject to draughts, direct sunlight or heat from equipment such as computers, TV screens etc. The supply air outlets in the room must **not** blow conditioned air directly onto the sensor.
12. If any wireless sensor or wireless bridge is not within range then additional signal repeaters can be added to help relay the signal.
13. Myzone Wi-Fi Bridge Ethernet connection must be plugged **directly** into the customers modem/router.
14. Only connect power supply to Myzone CPU (C225) after all components have been connected.

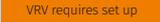
General Installation Instructions

1. Install the ducted air conditioning unit, zone damper motors, flexible duct and grilles as per manufacturer's instructions and in accordance with relevant Australian Standards.
2. NOTE: For full wiring details, please refer to pages 13-27.
Hardware Installation
Connect the CPU (CM225) and the relevant A/C unit module together (Installation of the A/C unit module is only applicable to system set-ups that require A/C Unit Control) (CM325# – Refer to module list for correct module). Take care ensuring that the A/C unit module pins are installed straight and direct.
3. Connect the supplied blue RJ45 cable to the "Myzone Net" port at the top of the Myzone CPU (CM225), run the other end of the cable to the Myzone Nexus/Nano Tablet.
4. Connect the blue RJ12 zone motor cables (sold separately) in consecutive ports starting at Zone 1 on the CPU (CM225) The CPU (CM225) is marked with zone numbers. All zone motors must be the same brand.
5. Connect the red supply air sensor (CDTS) to the supply air temp. port on the Myzone CPU (CM225) and place the temperature sensor inside the supply air plenum/duct and secure sensor with reinforced aluminium tape. NOTE: A supply air sensor is only required to be installed if there are individual temperature controlled zones. ON/OFF zone control does NOT require a supply air temperature sensor.
6. Run twin-shielded data cable from the A/C unit control cable terminals on the Myzone CPU (CM225) to the A/C unit indoor board (see pages 28-43 for detailed wiring instructions on A/C unit brands) Must use minimum 0.75mm² signal cable. NOTE: Only run twin-shielded data cable if A/C unit control is required.
7. Plug the 240V power plug on the transformer into a power source. Plug in the 24V transformer plug into the side of the Myzone CPU (CM225) to provide power to the CPU. Ensure to run a separate power supply for the 240V plug off the transformer. DO **NOT** take power from the A/C unit.
8. After System Initialisation has completed, configure the Myzone control to your application (see configuration instructions on pages (page 76).
9. Pair Wireless Sensors to the system as per instructions in configuration on page 81 and mount according to general installation rule 11.
10. Pair Wi-Fi Bridge to the system as per instructions in configuration on page 72.

The above general installation instructions are applicable to installation configurations pictured on pages 28-43, any other configurations will require different/extra installation procedures (refer to installation wiring layout and index for assistance).

Unit Compatibility Form

MYzone³™

| Brand | Models | Polarity | RA | Zones | Master | RF | Specials |
|---------------------|---|----------|----|-------|--------|----|---|
| Actron | LRE 71, 100, 130AS | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Braemar | SHDV Inverter Series, Single Phase | ✓ | ✓ | ✗ | ✗ | ✗ |  |
| Carrier | SHDV Series Only | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Daikin | Must have P1/ P2 and Current Daikin Controller can run the unit | ✗ | ✓ | ✓ | ✓ | ✓ |  |
| Fujitsu | C325F2 = ARTC##LATU & ARTG##LHTA Series | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Gree | GFH##K Inverter Ducted Series, Single Phase Only | ✓ | ✓ | ✗ | ✗ | ✗ |  |
| Haier | ADH Series Only | ✓ | ✓ | ✗ | ✗ | ✗ |  |
| Hitachi | RPI XX 1SQ & RPI XX 2SQ Series | ✗ | ✓ | ✓ | ✓ | ✓ | |
| iZone | AD Series | ✓ | ✓ | ✓ | ✓ | ✓ |  |
| Kaden | KD Series | ✓ | ✓ | ✓ | ✓ | ✓ |  |
| LG | B##AWN-7G6 Series. C325L2 Does NOT require the option card | ✓ | ✓ | ✓ | ✓ | ✓ |  |
| Midea | DUCM### Series | ✓ | ✓ | ✓ | ✓ | ✓ |  |
| Mitsubishi Electric | PEA-M###GAA. | ✗ | ✓ | ✓ | ✓ | ✓ | |
| Mitsubishi Heavy | FDUA/FDUM Series | ✗ | ✓ | ✓ | ✓ | ✓ | |
| Panasonic | S-###PE1R5B – S Series Only | ✗ | ✓ | ✓ | ✓ | ✓ | |
| Rinnai | DINLR##Z72 Series Only. | ✓ | ✓ | ✓ | ✓ | ✓ |  |
| Samsung | C325S = AC Series up to 14kw. C325SN = AC Series & AC###TNHDKG Series | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Temperzone | Condenser must be fitted with a UC7 or higher board | ✓ | ✓ | ✓ | ✓ | ✓ |  |
| Toshiba | RAV – SM ### 3DT – A Series only | ✗ | ✓ | ✓ | ✓ | ✓ | |
| York | 6850018, 6850038, 6850048 | ✓ | ✓ | ✓ | ✓ | ✓ |  |

 Requires special cable supplied by Controls manufacture. See manual for details.

 Requires component from Unit manufacture. See manual for details.

 Requires Unit Manufacture A/C Unit control. See manual for details.

System Design Considerations

Designing the Correct Constant Zone

All ducted air conditioning systems should have a percentage of air passing over the indoor coil at all times. This is a safety mechanism to protect the ductwork and the A/C unit.

There are several ways of achieving this when designing a ducted air conditioning system.

i. Fixed Ducted Constant Zone

A fixed duct constant zone requires the system to be designed with one zone that has no zone damper fitted to it. This is normally a large common area (e.g. main living area). The downside with this configuration is that air will always be delivered to this area regardless of whether it is occupied or not. This reduces the efficiency of the system and does not allow for modulating temperature control in the zone.

ii. Electronic Constant Zone

This option requires the system to be designed with one zone that has a zone motor fitted to it, which will automatically open if all other zones are closed. With electronic constants there are three options available as follows:

a. Standard electronic constant zone

Typically a zone damper would be fitted to the main living area in the home or a common area in an office building. This zone can be used like any other zone but will be automatically overridden open if required by the system to maintain the minimum airflow over the indoor coil. With a Myzone system you can select as many zones as you need to be electronic constants and they will activate and deactivate progressively as required. Standard electronic constant zone is only Open/Closed.

b. Dedicated electronic constant zone

In this option an additional zone is installed into the system serving an unoccupied area such as a stairwell or hallway. This zone is left in the closed position and will only open if required by the system. With a Myzone system you can select as many dedicated zones as you need. The benefit of the dedicated electronic constant zone is that all occupied areas can have individual temperature control and if the electronic constant is required to operate it will not affect the comfort of the occupants.

System Design Considerations

Designing the Correct Constant Zone

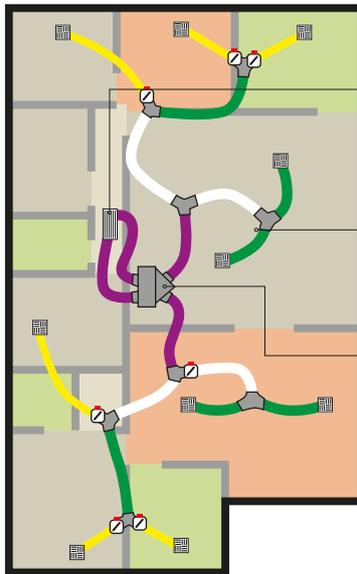
iii. Bypass Electronic Constant Zone

In this option an additional zone is installed into the system looping from the supply air side of the A/C fan coil unit to the return air side of the A/C fan coil unit. This bypass zone is left in the closed position and will only open if required by the system. The benefit of the Bypass electronic constant zone is that all occupied areas can have individual temperature control and if the electronic constant is required to operate it will not affect the comfort of the occupants. No common areas are affected by the operation of the bypass constant and there is no increase in noise when the bypass is operating. In addition to this, the use of the bypass option increases the system efficiency as any conditioned air is kept within the system reducing the load on the A/C unit and assisting to cycle the A/C unit off earlier. (If set up to control from the units return air sensor).

We recommend that all systems with individual zone temperature controls are designed and configured with a bypass electronic constant zone and where possible control the A/C unit from "Zones" (see Fig C04).

Fixed Duct Constant and Standard Electronic Constant

Fig C01 – Fixed Ducted Constant



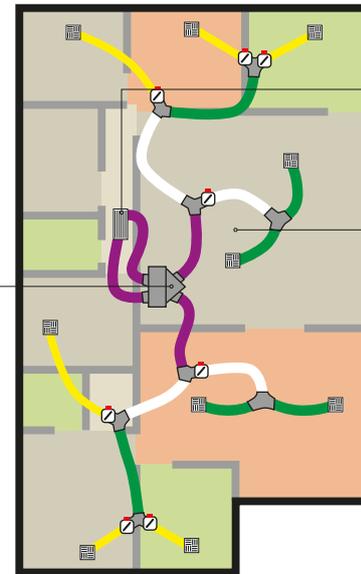
Ensure doors are left open if there is no return air grille in the zone

Fixed Duct Constant zone has no temperature control

Supply air sensor installed here

For most accurate control when using individual zone temperature control. Set A/C unit to control from "Zones".

Fig C02 – Standard Electronic Constant



Ensure doors are left open if there is no return air grille in the zone

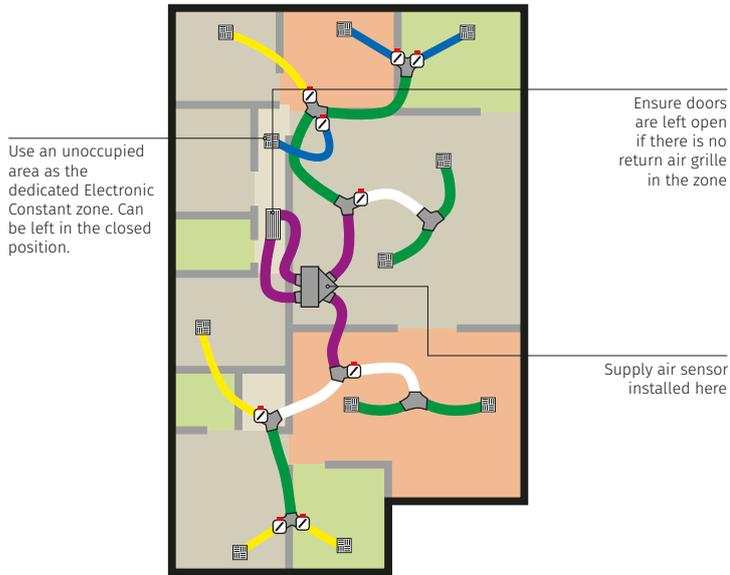
Standard Electronic Constant zone. Can only be set to "Open" or "Closed". It cannot be temperature controlled. Set this as the constant zone in Configuration Menu -> Zone Setup

Supply air sensor installed here

For most accurate control when using individual zone temperature control. Set A/C unit to control from "Zones".

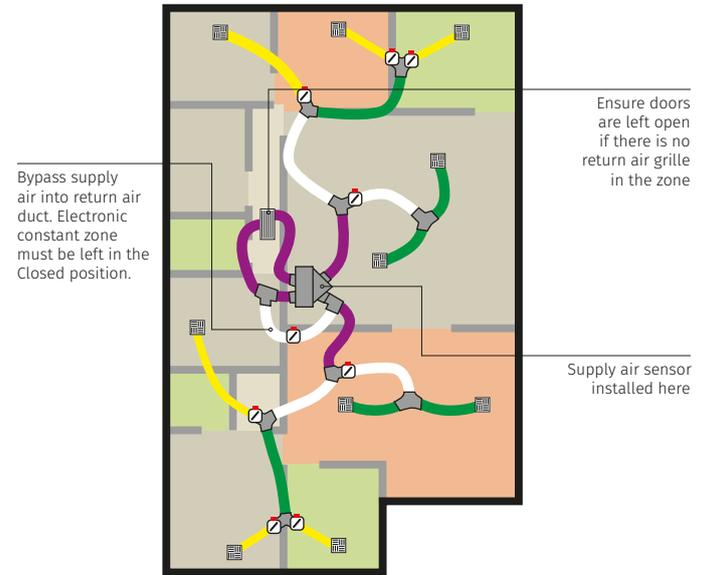
Dedicated Electronic Constant and Bypass Electronic Constant

Fig C03 – Dedicated Electronic Constant



For most accurate control when using individual zone temperature control. Set A/C unit to control from "Zones".

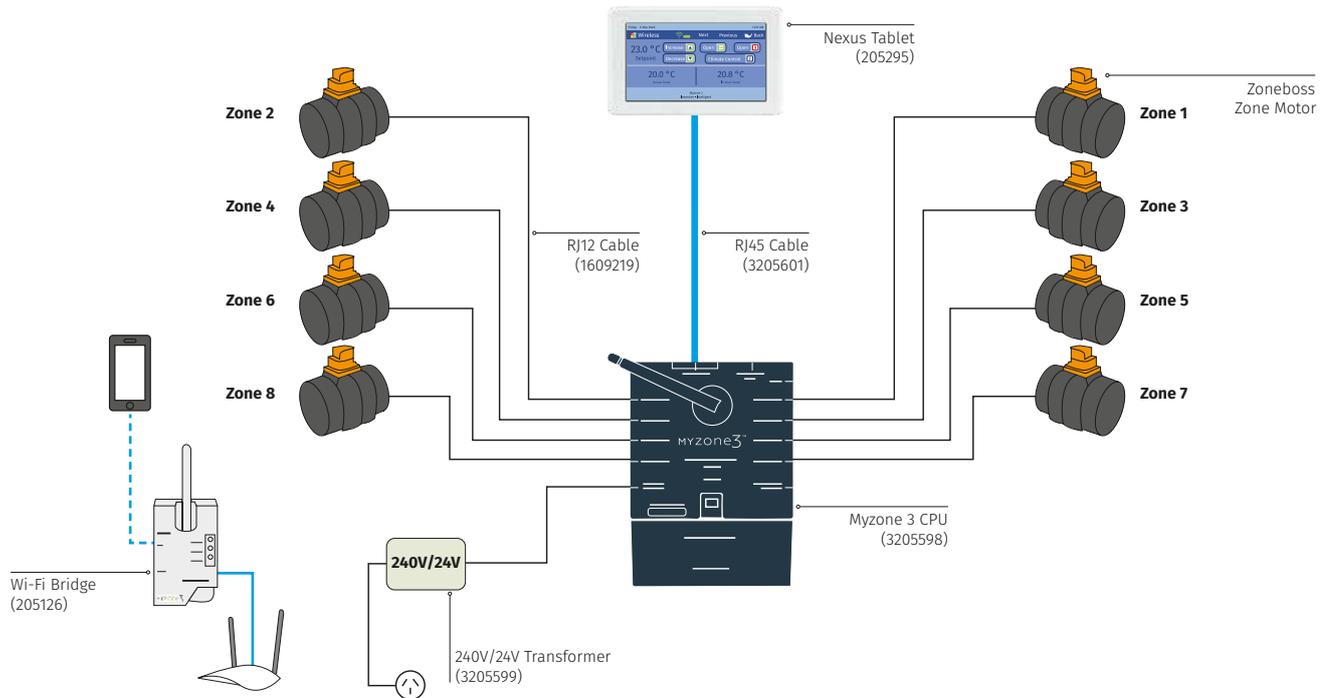
Fig C04 – Bypass Electronic Constant



For most accurate control when using individual zone temperature control. Set A/C unit to control from "Zones".

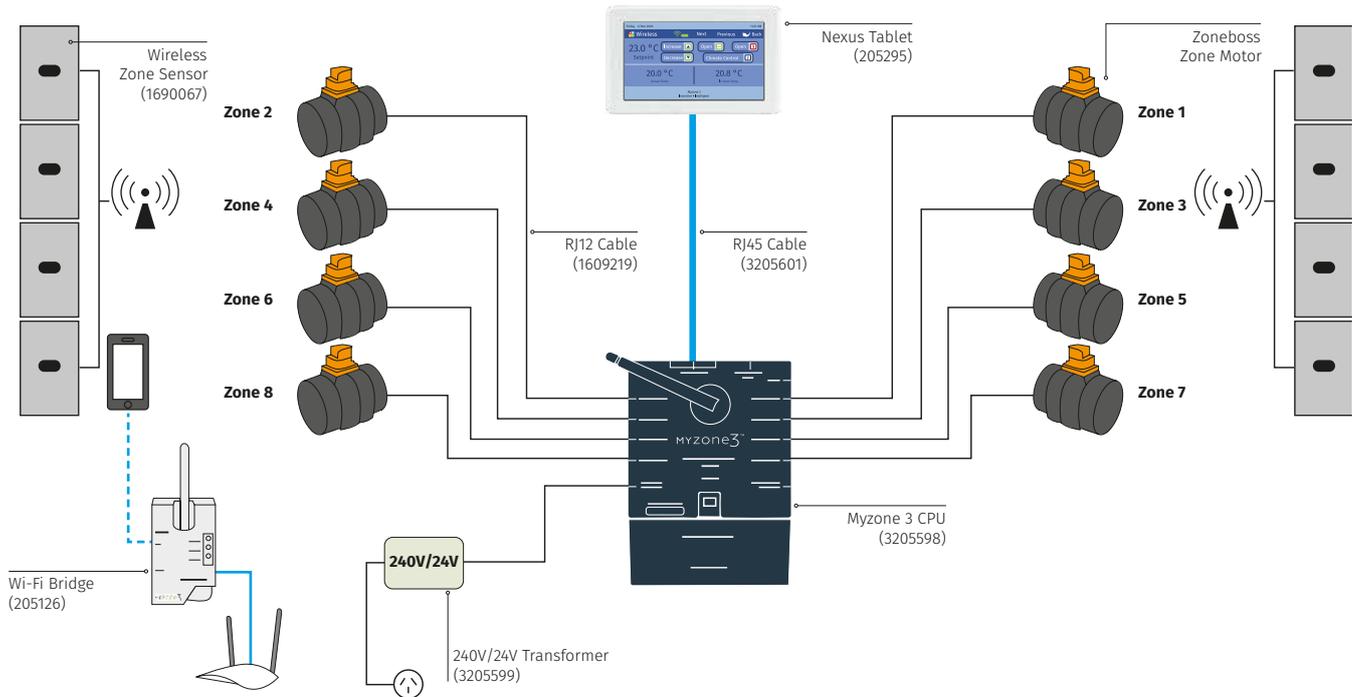
Myzone Wiring Layout

ON/OFF Zone Control Only
(Max 8 Zones, Wi-Fi Optional)



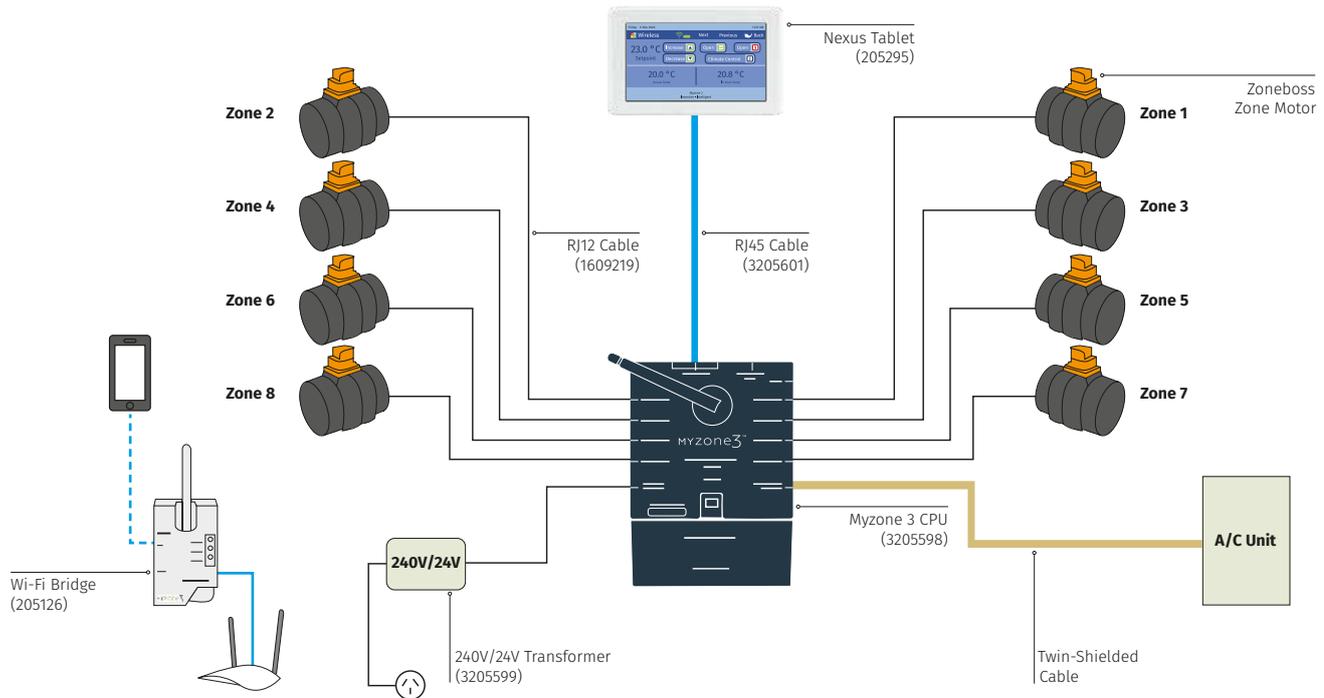
Myzone Wiring Layout

Modulating Zone Control Only with Individual Wireless Zone Temperature Control (Max 8 Zones, Wi-Fi Optional)



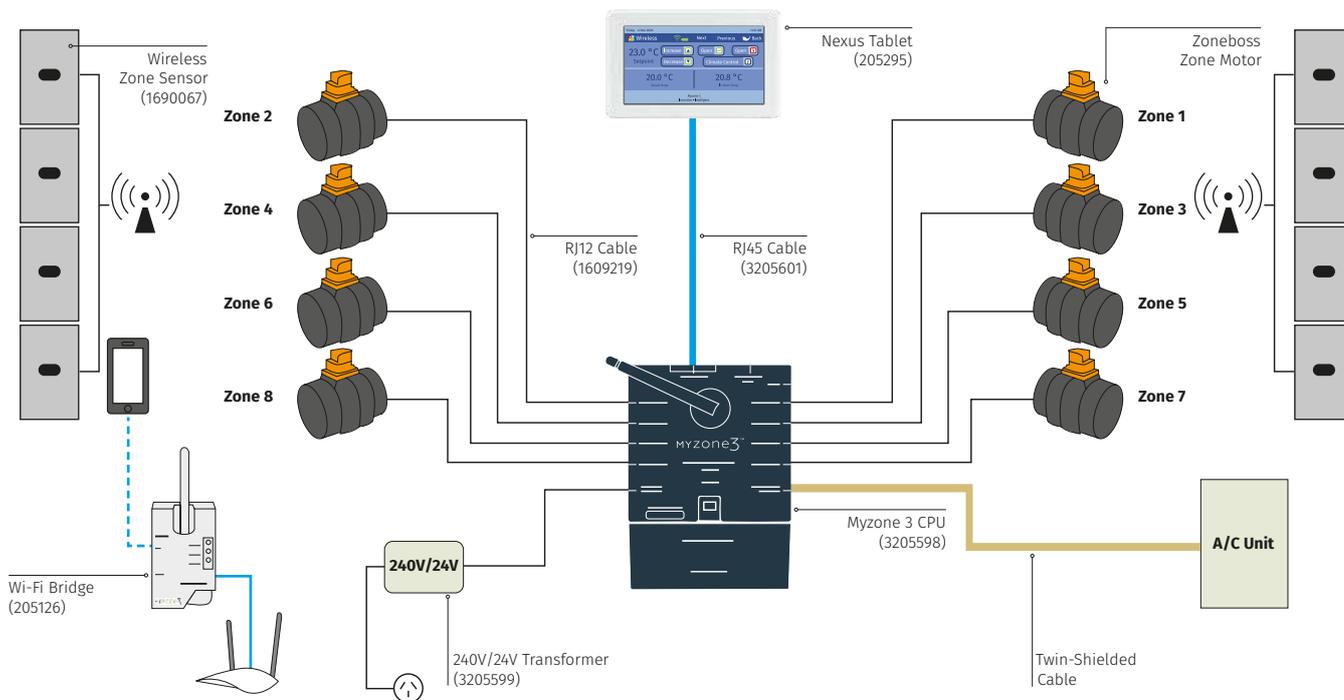
Myzone Wiring Layout

A/C Unit Control and ON/OFF Zone Control
(Max 8 Zones, Wi-Fi Optional)



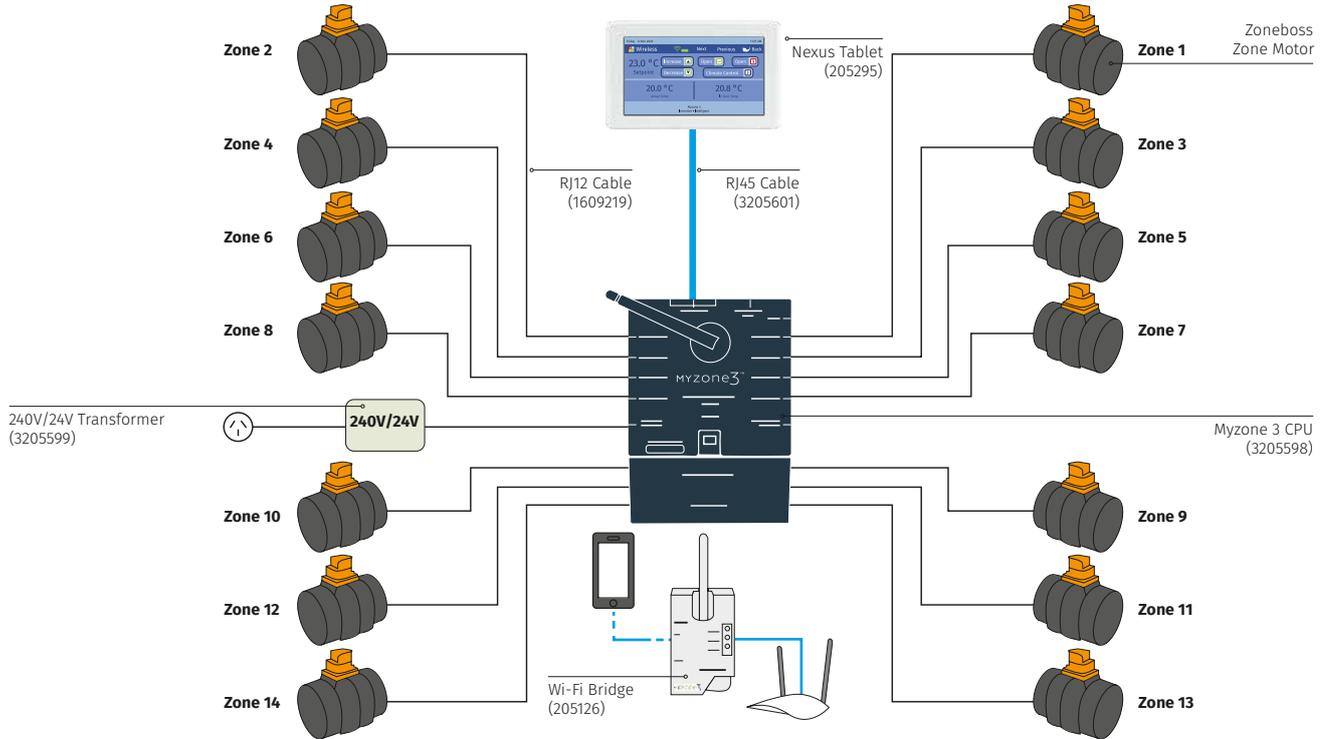
Myzone Wiring Layout

A/C Unit Control and Modulating Zone Control with Individual Wireless Zone Temperature Control (Max 8 Zones, Wi-Fi Optional)



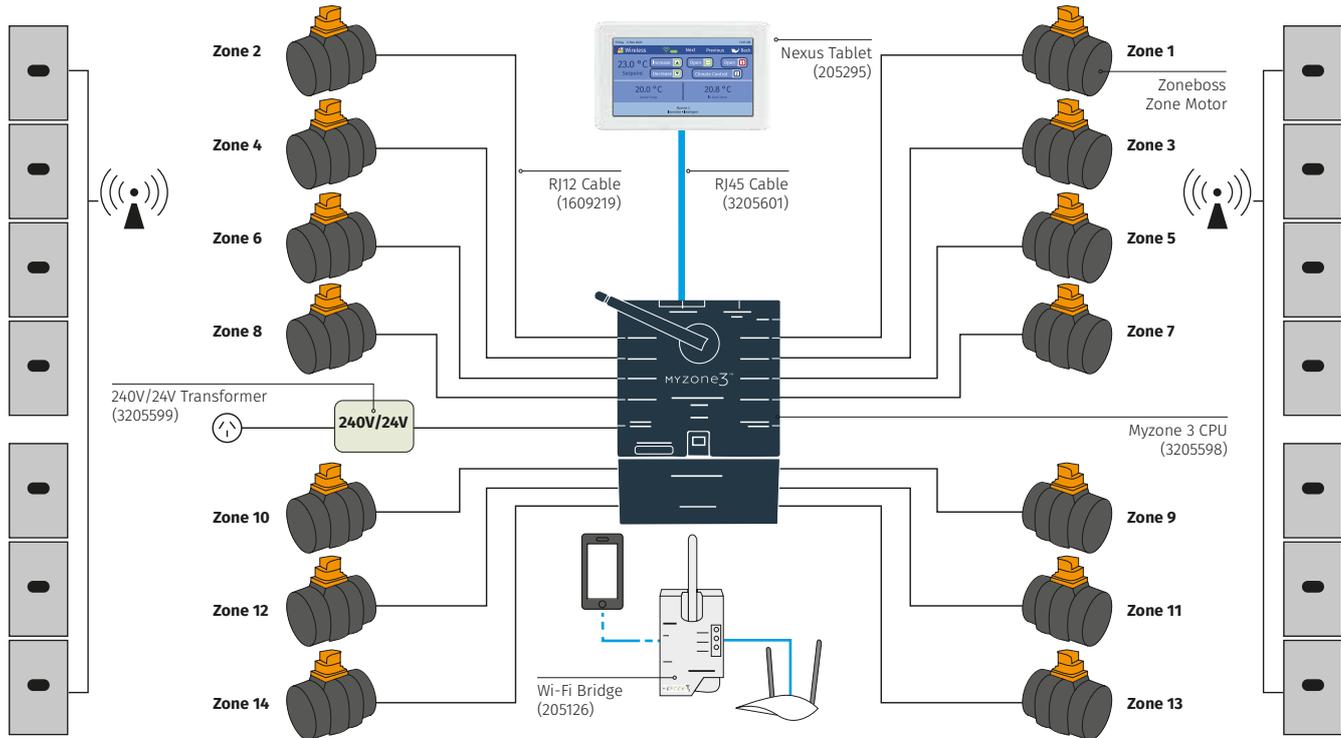
Myzone Wiring Layout

ON/OFF Zone Control Only
(Max 14 Zones, Wi-Fi Optional)



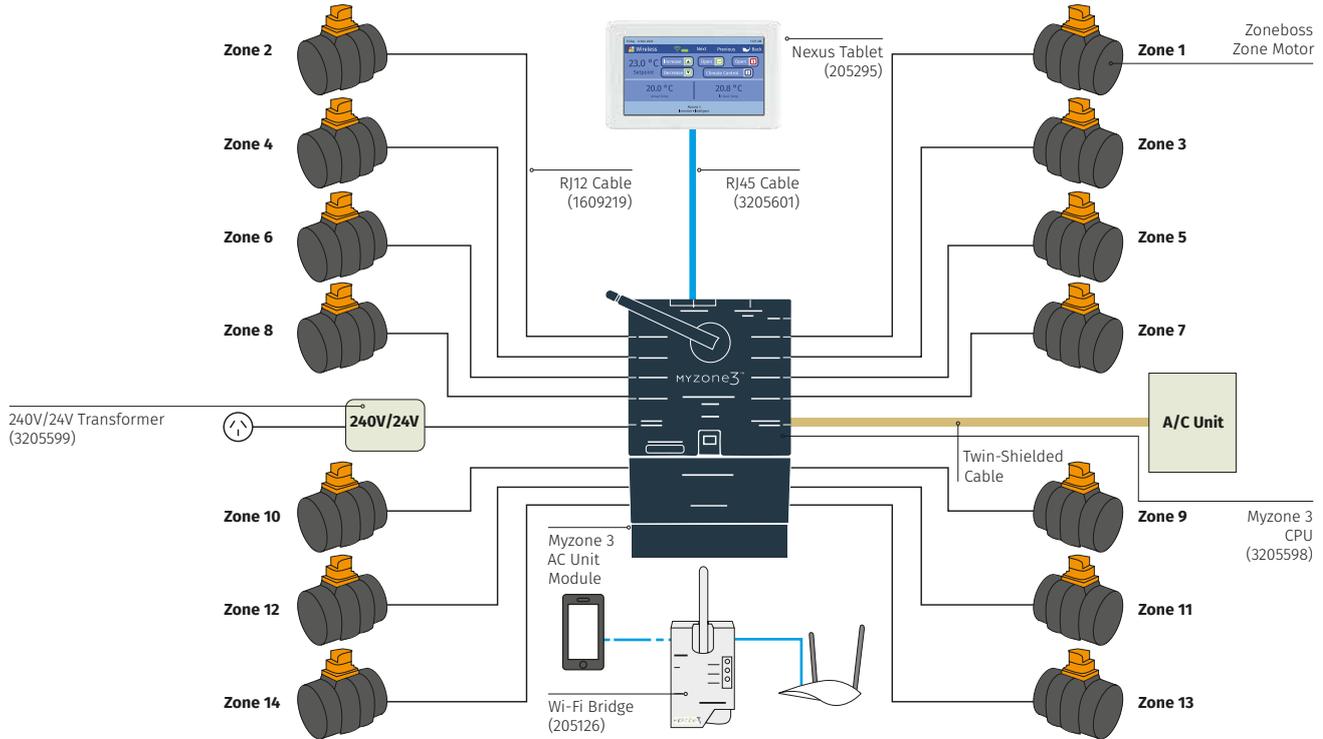
Myzone Wiring Layout

Modulating Zone Control Only with Individual Wireless Zone Temperature Control (Max 14 Zones, Wi-Fi Optional)



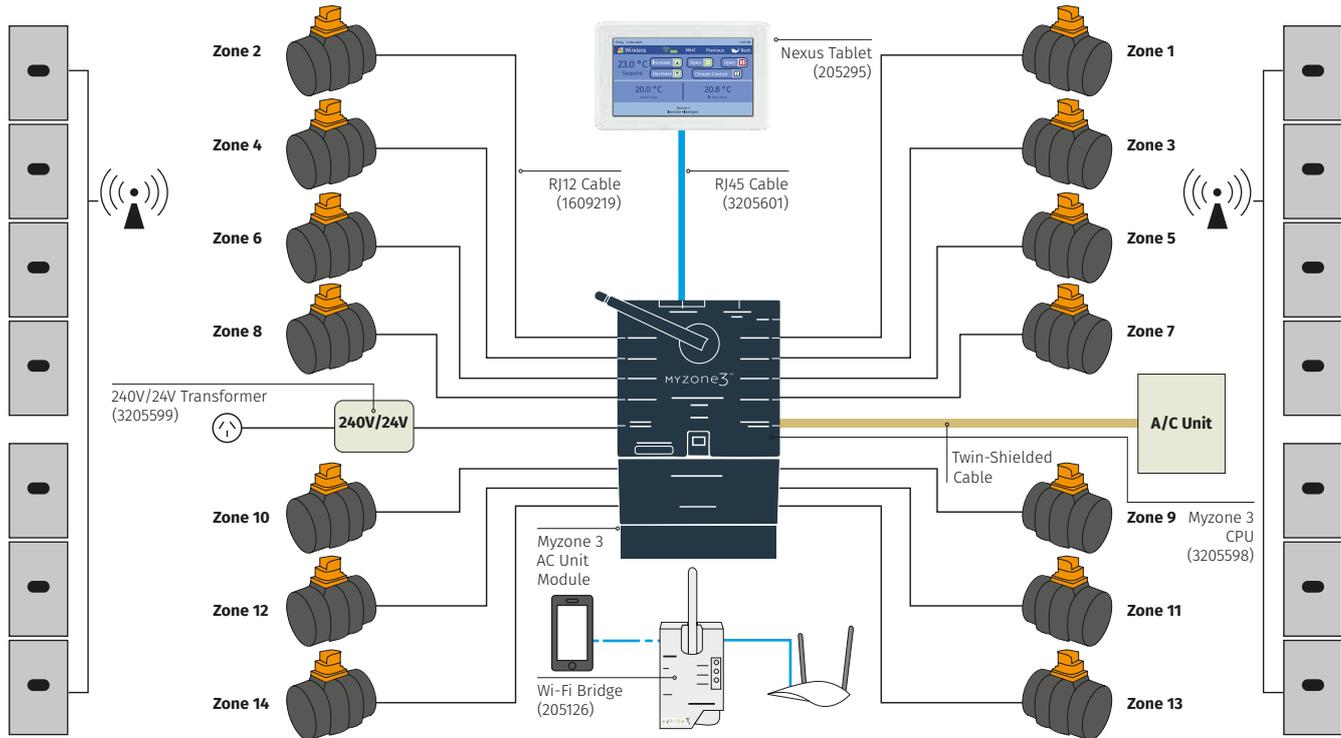
Myzone Wiring Layout

A/C Unit Control and ON/OFF Zone Control
(Max 14 Zones, Wi-Fi Optional)



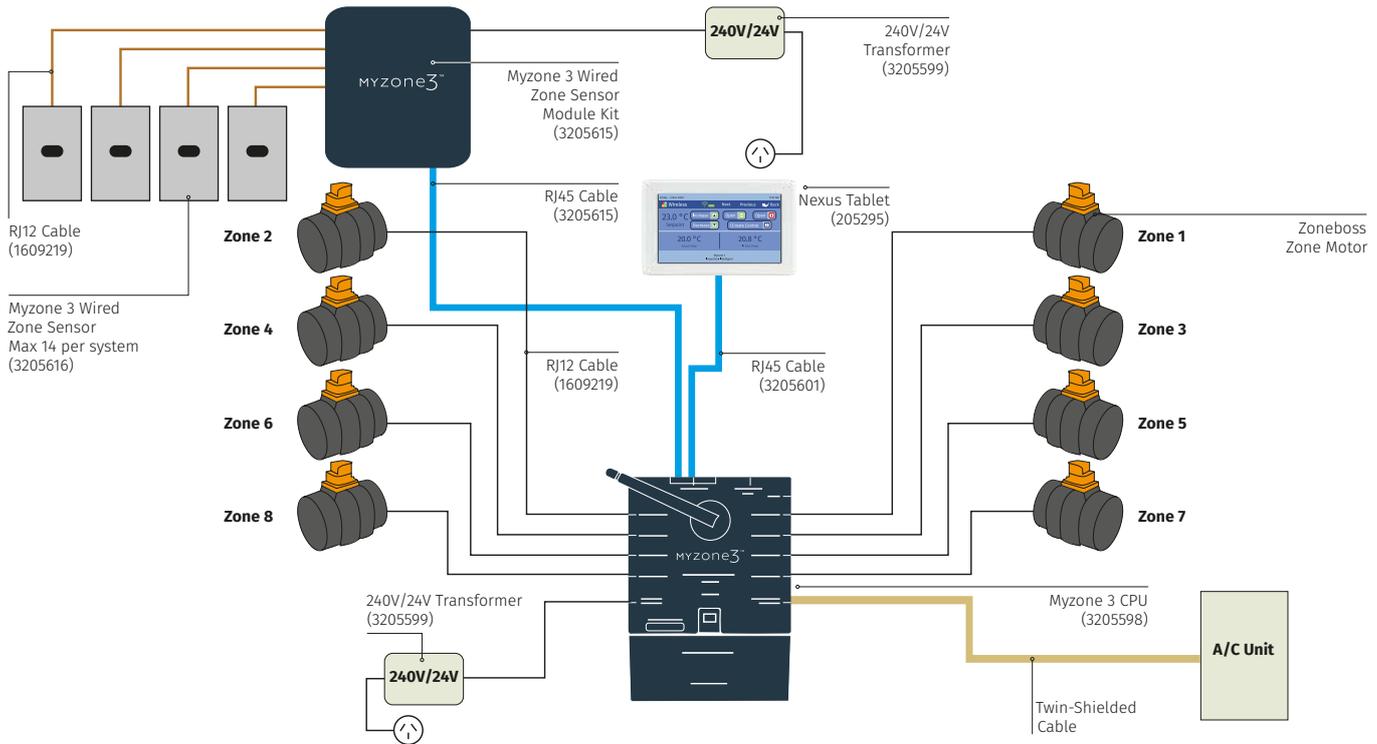
Myzone Wiring Layout

A/C Unit Control and Modulating Zone Control with Individual Wireless Zone Temperature Control (Max 14 Zones, Wi-Fi Optional)



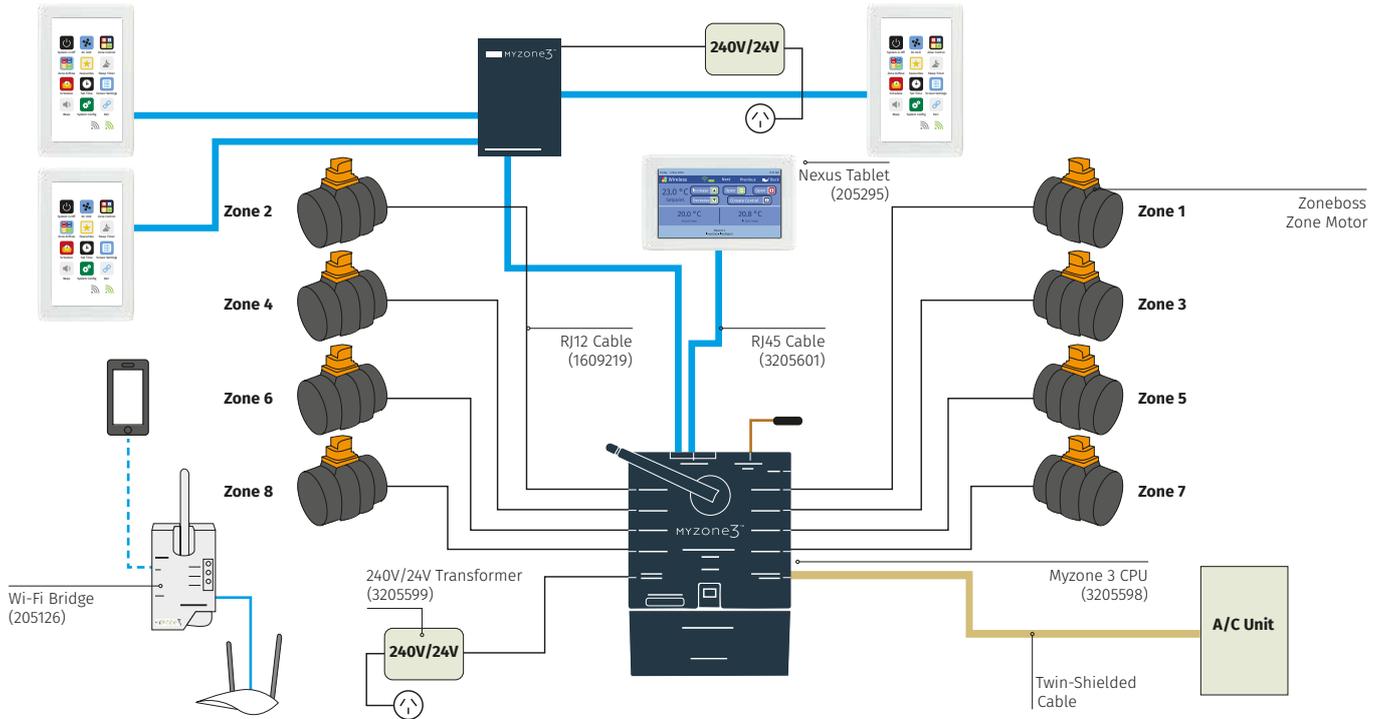
Myzone Wiring Layout

A/C Unit Control & Modulating Zone Control with Wired Zone Temperature Controllers (Wi-Fi Optional)



Myzone Wiring Layout

A/C Unit Control and Modulating Zone Control with
Wired Touch Screen Zone Temperature Controllers
(Wi-Fi Optional)

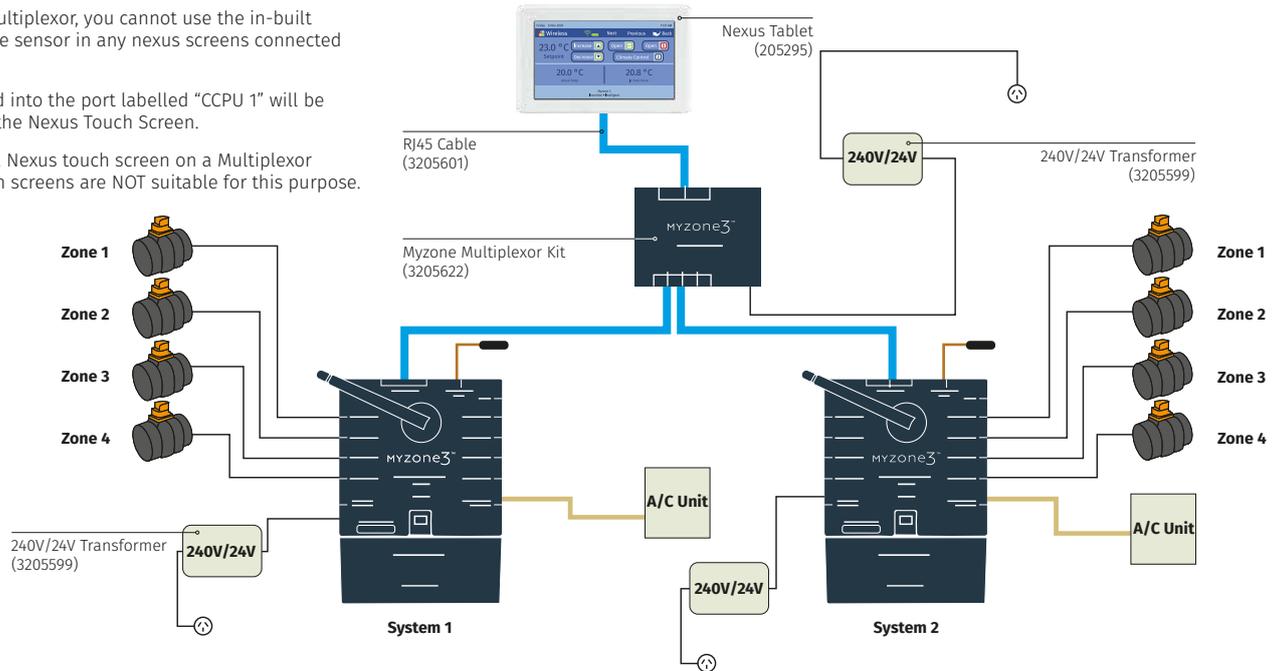


Myzone Wiring Layout

Multiple A/C Unit Control and ON/OFF Zone Control (Max 8 Zones, Wi-Fi Optional)

Notes:

1. When using the multiplexor, you cannot use the in-built screen temperature sensor in any nexus screens connected to the multiplexor.
2. The CM225 plugged into the port labeled "CCPU 1" will be displayed first on the Nexus Touch Screen.
3. You can only use a Nexus touch screen on a Multiplexor (CISM). Nano Touch screens are NOT suitable for this purpose.
4. Myzone Multiplexors can control up to 5 A/C Units.
5. Temperature Sensors are not included in this diagram for clarity, you can add wireless, wired or iSense zone temperature sensors and associated equipment as required.

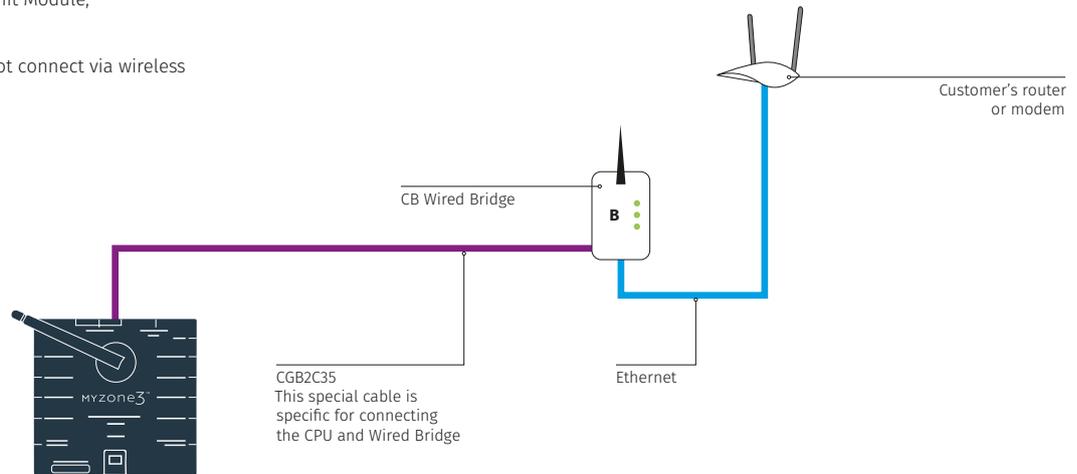


Optional Equipment for Hard Wired Wi-Fi Control of System

Note:

CPU Power supply, Zone Motors, A/C Unit Module,
temp. sensors not shown for clarity.

Only required if the Wi-Fi bridge will not connect via wireless
radio frequency.



Myzone Wiring Connections to A/C Units

| Unit Make | Connection |
|-----------|--------------------------------------|
| Actron* | See detailed instructions on page 28 |
| Braemar | See detailed instructions on page 29 |
| Daikin | See detailed instructions on page 34 |
| Fujitsu* | See detailed instructions on page 33 |
| Gree | See detailed instructions on page 29 |
| Haier | See detailed instructions on page 39 |
| Hitachi | See detailed instructions on page 40 |
| Kaden | See detailed instructions on page 41 |
| LG | See detailed instructions on page 42 |
| Midea | See detailed instructions on page 43 |

| Unit Make | Connection |
|--------------------------|---|
| Mitsubishi Electric | See detailed instructions on page 35 |
| MHI | See detailed instructions on page 36 |
| Panasonic | See detailed instructions on page 38 |
| Rinnai | See detailed instructions on page 44 |
| Samsung* | See detailed instructions on page 45 |
| Temperzone | See detailed instructions on page 46 |
| Toshiba | See detailed instructions on page 37 |
| York* | See detailed instructions on page 47 |
| Universal Control Module | The universal control module covers units with standard 24V control. See detailed instructions on page 48 |

*Certain models only. Check with Myzone for compatibility prior to ordering.

Myzone Wiring Connections to Actron Units

Unit make:

Actron (Ultra slim low profile series only)

Indoor model

Outdoor model

LRE-071AS/URC-071AS
(7kw)

LRE-100AS/URC-100AS
(10kw)

LRE-130AS/URC-140AS
(14kw)

Connection

Connect a shielded, 2 core, twisted pair control cable from the C225/C325A to the X/Y in the fan coil unit. (This cable and connector is supplied by Actron). Polarity is critical see Fig (i) (j) and (k) below, for correct connection.

Fig (i) – Indoor fan coil unit terminals

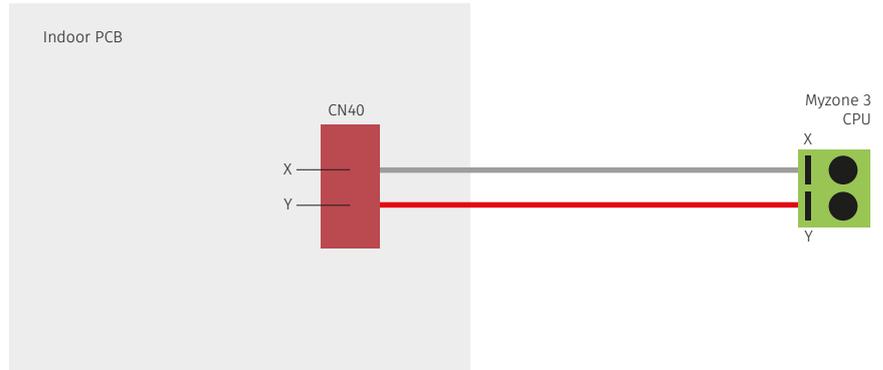


Fig (k) – Myzone C225/C325KA

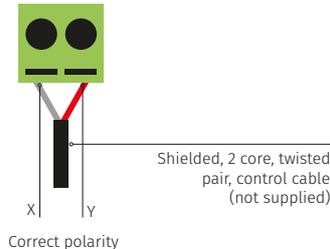
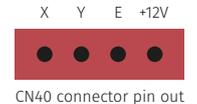


Fig (j)



Myzone Wiring Connections to Braemar and Gree Units

Unit make:

Braemar (SDHV series
inverter ducted, single
phase units only)

Gree (GFH inverter
ducted, single phase
units only)

Connection

1. Connect the Manufacturers wired controller to the Indoor Unit CB.
2. Enter the service mode parameters (see page 30).
3. As per the instructions below set the sensor to return air for all modes.
4. Set the Myzone control setting.
5. Set the required static pressure setting.
6. Cycle the power to the A/C unit.
7. Connect a 2 core, twisted pair control cable from the C225 (Myzone CPU) to CN1 in the fan coil unit. (A connector and short cable will need to be provided by the AC unit manufacturer. Polarity is critical see Fig (i) and (j) on page 32 for correct connection.

Myzone Wiring Connections to Braemar and Gree Units

Unit make:

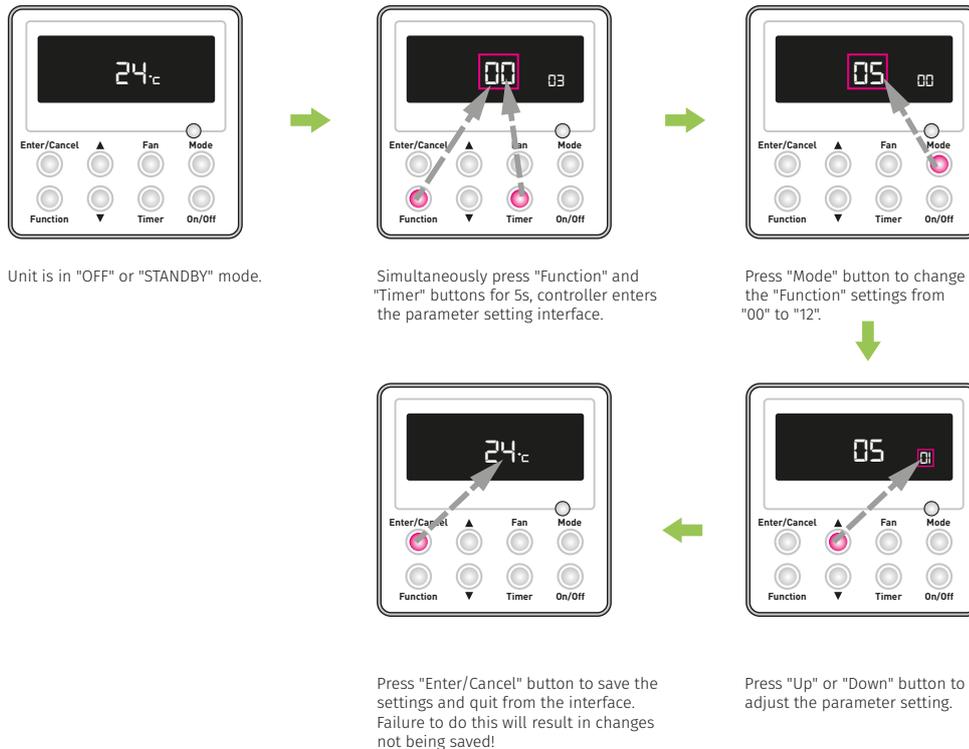
Braemar (SDHV series inverter ducted, single phase units only)

Gree (GFH inverter ducted, single phase units only)

Service Mode Parameters

Entering Service Mode

To enter Service Mode, power must be connected to the unit and wired controller, and the unit must be switched "OFF" at the wall control. Follow the below steps and refer to the function and parameter setting table:



Myzone Wiring Connections to Braemar and Gree Units

Service Mode Parameters

| Function Display | Function Description | Parameter Display | Parameter Description | |
|------------------|--|-------------------|--|-----------|
| 00 | Temp sensor location Ensure set to '01' | 01 | Sensor at return air for all modes | |
| | | 02 | Sensor at wired control for all modes | |
| | | 03 | Sensor at return air for cool, dry and fan modes, at wired control for heat mode | |
| 10 | Myzone control Ensure set to '01' | 00 | Standard control | |
| | | 01 | Myzone control setting | |
| 11 | Indoor fan power setting Factory default '05' Adjust to suit installed static Low static = '01' High static = '09' | 01 | ESP (Pa) | |
| | | 02 | 10 | |
| | | 03 | 20 | |
| | | 04 | 30 | |
| | | 05 | 40 | |
| | | 06 | 50 (default) | |
| | | 07 | 75 | |
| | | 08 | 100 | |
| | | 09 | 150 | |
| | | 09 | 200 | |
| | | | High Speed | Low Speed |
| | | | 5 | 1 |
| | | | 6 | 2 |
| | | | 7 | 3 |
| | | | 8 | 4 |
| | | | 9 | 5 |
| | | | 10 | 6 |
| | | | 11 | 7 |
| | | | 12 | 8 |
| | | | 13 | 9 |

Unit make:

Braemar (SDHV series inverter ducted, single phase units only)

Gree (GFH inverter ducted, single phase units only)

Myzone Wiring Connections to Braemar and Gree Units

Unit make:

Braemar (SDHV series inverter ducted, single phase units only)

Gree (GFH inverter ducted, single phase units only)

Fig (i) – Indoor fan coil unit terminals

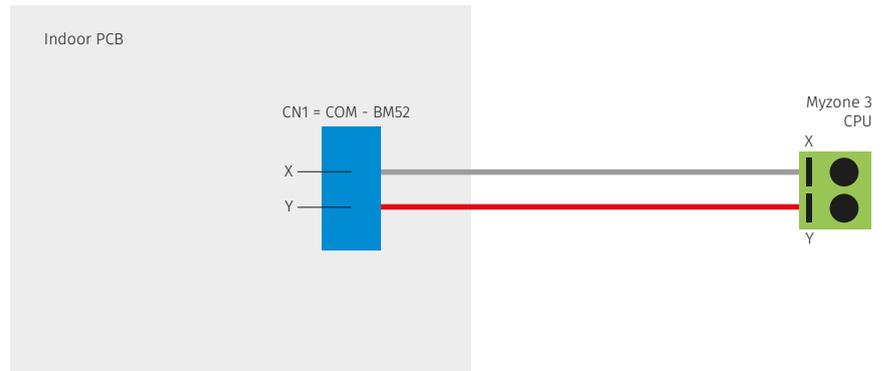
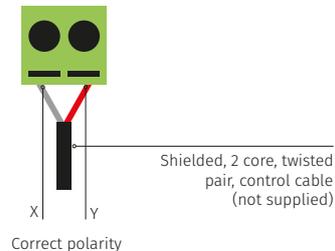


Fig (j) – Myzone C225



Myzone Wiring Connections to Fujitsu Units

Unit make:

Fujitsu

ARTC##LATU

ARTG##LHTA

Connection

Connect a shielded, 2 core, twisted pair control cable from the C225/C325F2 to the 2 and 3 terminals in the Fujitsu FCU. Polarity of this cable is critical — see Figure (m) below if polarity is connected incorrectly simply reverse the polarity and cycle the power to the A/C unit and the Myzone controller. Do not use the terminal 1 (12V) when connecting to a Myzone system.

Fig (m) – Fujitsu FCU board

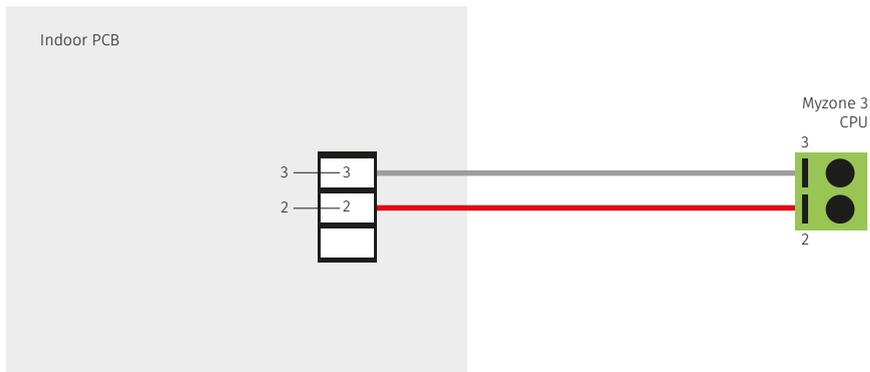
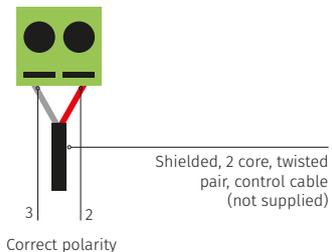


Fig (n) – Myzone C225/C325F2



Myzone Wiring Connections to Daikin Units

Unit make:

Daikin

Any Daikin Unit with a P1/P2 connection

Connection

Connect a shielded, 2 core, twisted pair control cable from the C225/C325D to the P1/P2 in the fan coil unit. Polarity is critical see Fig (i) & (n) below, for correct connection.

Fig (i) – Indoor fan coil unit terminals

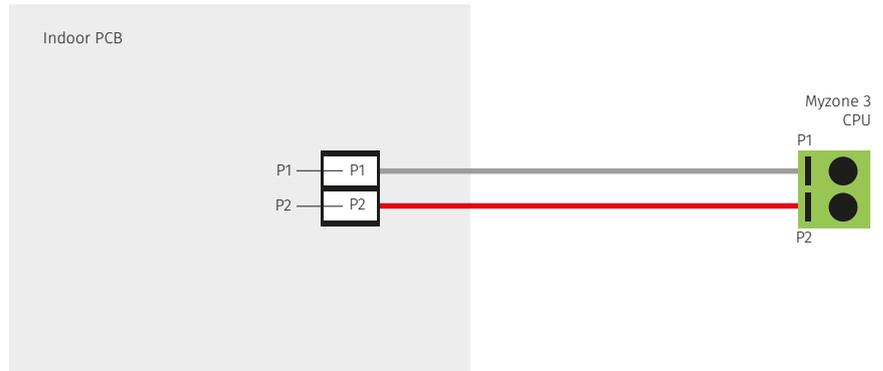
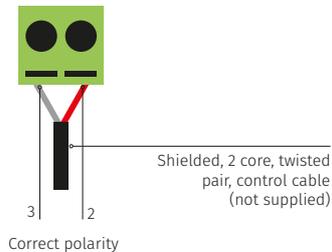


Fig (n) – Myzone C225/C325D



Myzone Wiring Connections to Mitsubishi Electric Units

Connection

Connect a shielded, 2 core, twisted pair control cable from the C225/C325MI to the 1/2 in the fan coil unit. Polarity is critical see Fig (i) & (n) below, for correct connection.

Fig (i) – Indoor fan coil unit terminals

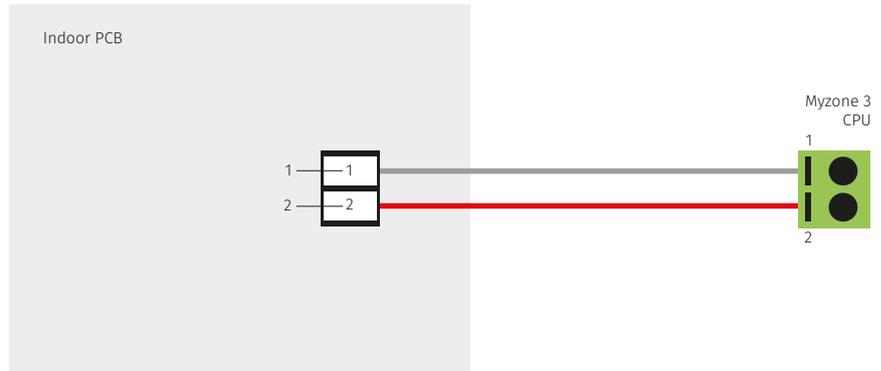
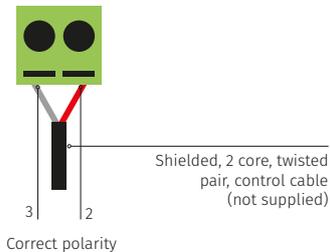


Fig (n) – Myzone C225/C325MI



Unit make:

Mitsubishi
Electric

PEA-M###GAA

Myzone Wiring Connections to MHI Units

Unit make:

MHI

FDUA/FDUM Series

Connection

Connect a shielded, 2 core, twisted pair control cable from the C225/C325MHI to the X/Y in the fan coil unit. Polarity is critical see Fig (i) & (n) below, for correct connection.

Fig (i) – Indoor fan coil unit terminals

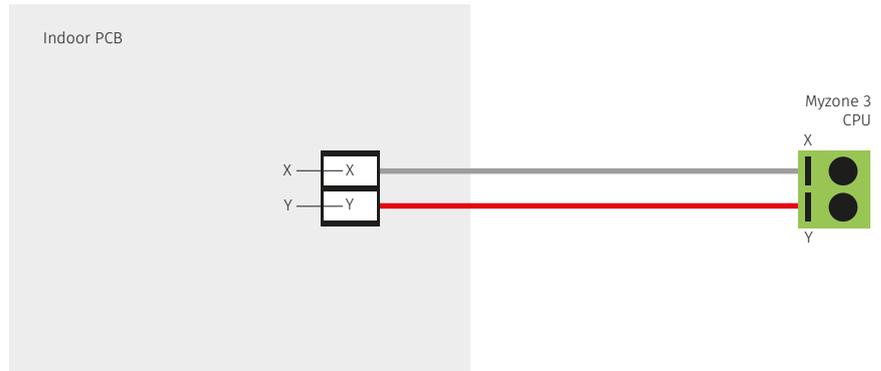
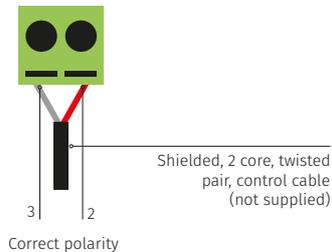


Fig (n) – Myzone C225/C325MHI



Myzone Wiring Connections to Toshiba Units

Unit make:

Toshiba

RAV-SM####3DT
(A Series Only)

Connection

Connect a shielded, 2 core, twisted pair control cable from the C225/C325T to the A/B in the fan coil unit. Polarity is critical see Fig (i) & (n) below, for correct connection.

Fig (i) – Indoor fan coil unit terminals

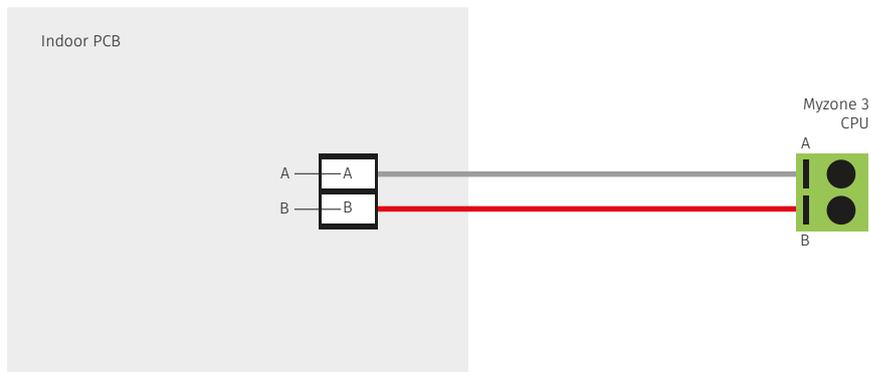
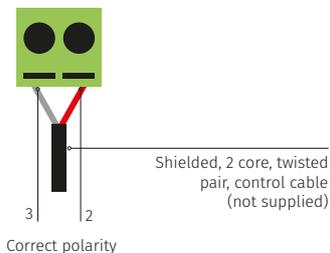


Fig (n) – Myzone C225/C325T



Myzone Wiring Connections to Panasonic Units

Unit make:

Panasonic

S###PE1R5B-S
(S Series Only)

Connection

Connect a shielded, 2 core, twisted pair control cable from the C225/C325P to the R1/R2 in the fan coil unit. Polarity is critical see Fig (i) & (n) below, for correct connection.

Fig (i) – Indoor fan coil unit terminals

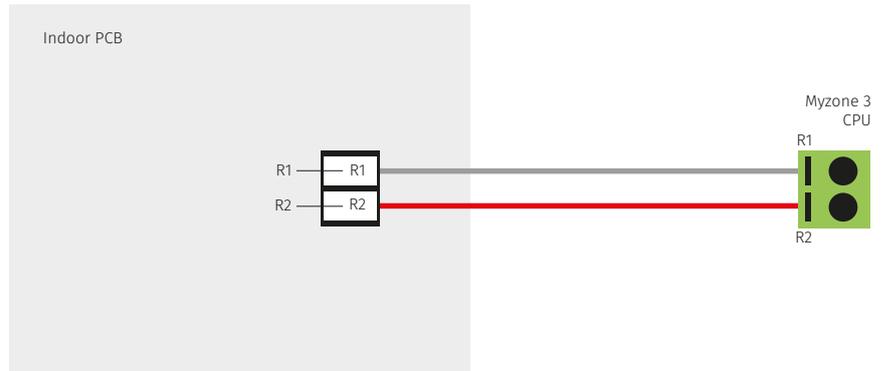
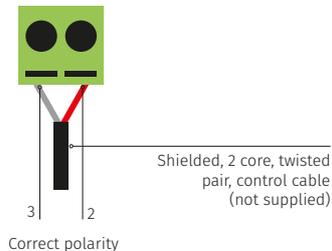


Fig (n) – Myzone C225/C325P



Myzone Wiring Connections to Haier Units

Connection

Connect a shielded, 2 core, twisted pair control cable from the Myzone C225/C325H1 to the A/B terminals on the Haier interface board YCJ-A002. Connect the interconnecting cable supplied by Haier to CN24 in the fan coil unit of the Haier interface board YCJ-A002. Set the dip switches as shown below. Polarity is critical. Haier YR-E1 wired RC must be connected and set to run on return air.

Fig (l) – Haier interface board Model: YCJ-A002 (Fisher & Paykel part no 51102)

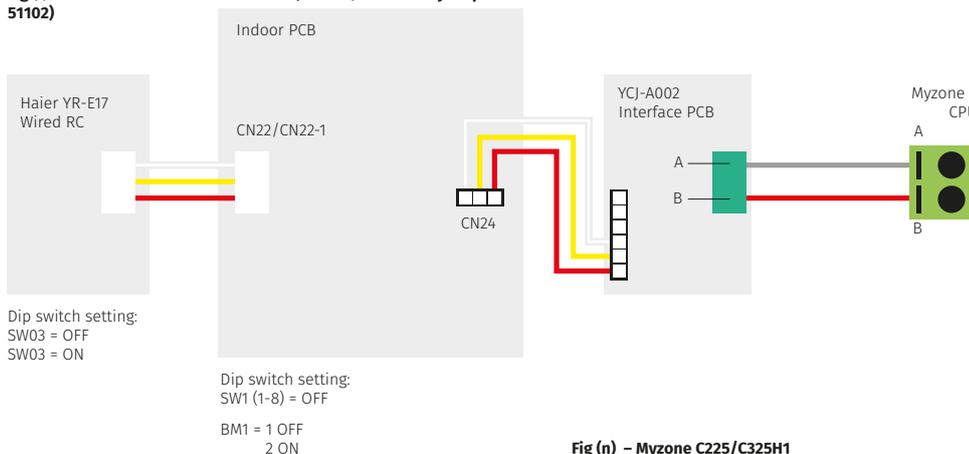
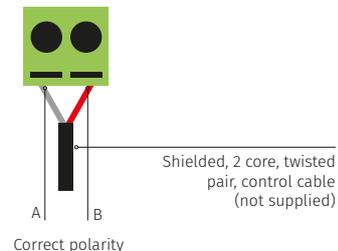


Fig (n) – Myzone C225/C325H1



Unit make:

Haier

ADH Series Only

Myzone Wiring Connections to Hitachi Units

Connection

Connect a shielded, 2 core, twisted pair control cable from the C225/C325H to the A/B terminals and earth in the in the fan coil unit. (This cable is supplied y the installer). Polarity is not critical see Fig (h) for correct connection.

Fig (h) – Hitachi indoor fan coil unit terminals

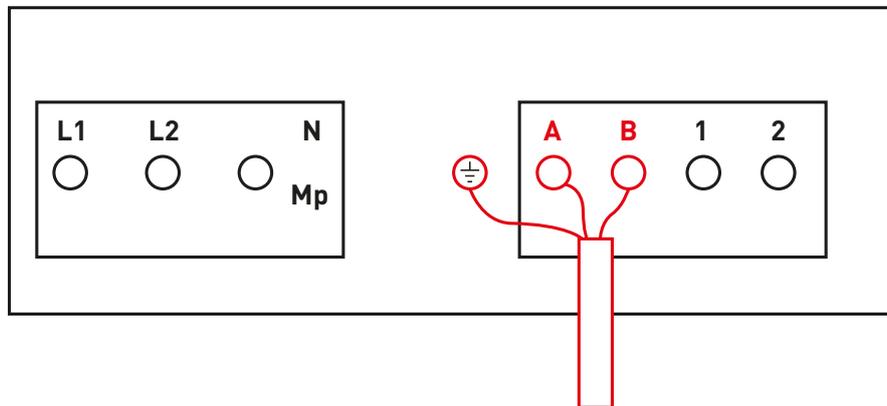
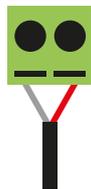


Fig (k) – Myzone C225/C325H



Unit make:

Hitachi

RPI##FSN1SQ

RPI##FSN2SQ

Myzone Wiring Connections to Kaden Units

Unit make:

Kaden

KD## Series

Connection

Connect a shielded, 2 core, twisted pair control cable from the C225/C325KAD to the X/Y in the fan coil unit. (This cable and connector is supplied by Kaden). Polarity is critical see Fig (i) (j) and (k) below, for correct connection.

Fig (i) – Indoor fan coil unit terminals

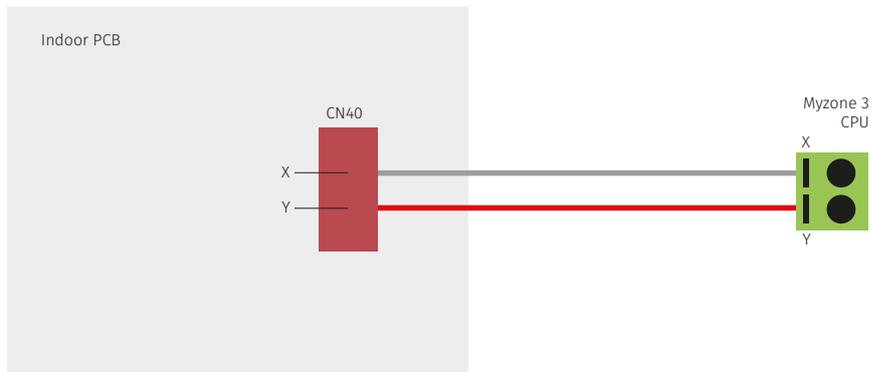


Fig (k) – Myzone C225/C325KAD

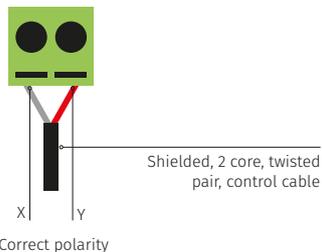
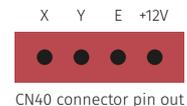


Fig (j)



Myzone Wiring Connections to LG Units

LG2 Interface

Connection

Connect the LG supplied cable from the fan coil unit to the Myzone CCPU module. Only use the black and yellow cables polarity is not critical.

Fig (c) – LG Fan coil unit use black and yellow wires to connect to Myzone

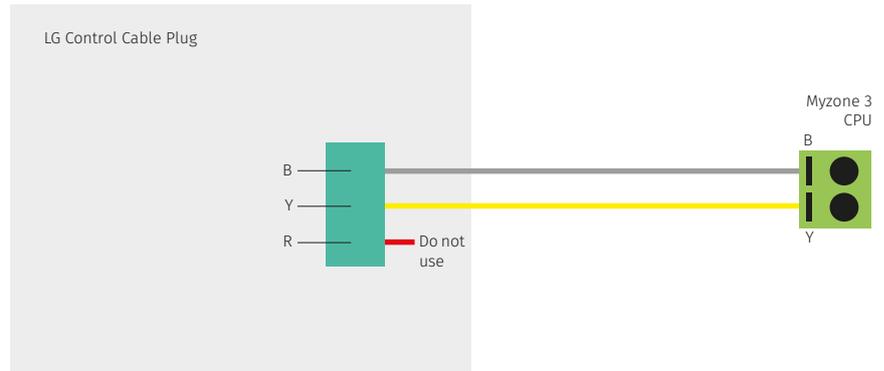
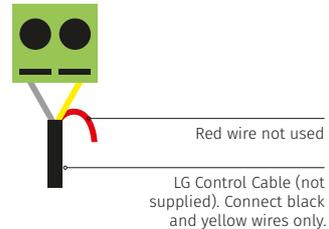


Fig (d) – Myzone C225/C325L2



Unit make:

LG
B###AWN-7G6 Series
C325L2 Does NOT
require the option
card

Myzone Wiring Connections to Midea Units

Unit make:

Midea

DUCMI### Series

Connection

Connect a shielded, 2 core, twisted pair control cable from the C225/C325MID to the X/Y in the fan coil unit. (This cable and connector is supplied by Midea). Polarity is critical see Fig (i) (j) and (k) below, for correct connection.

Fig (i) – Indoor fan coil unit terminals

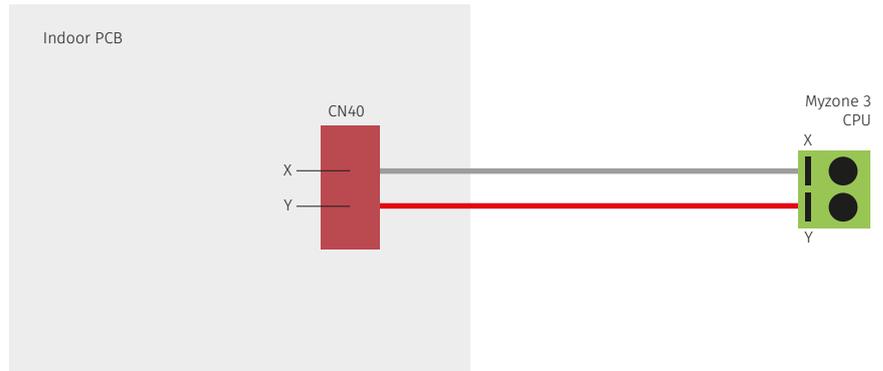


Fig (k) – Myzone C225/C325MID

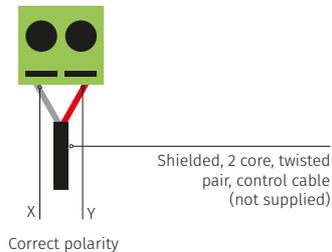
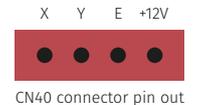


Fig (j)



Myzone Wiring Connections to Rinnai Units

Unit make:

Rinnai

DINLR####Z72

Connection

Connect a shielded, 2 core, twisted pair control cable from the C225/C325R to the X/Y in the fan coil unit. (This cable and connector is supplied by Rinnai). Polarity is critical see Fig (i) (j) and (k) below, for correct connection.

Fig (i) – Indoor fan coil unit terminals

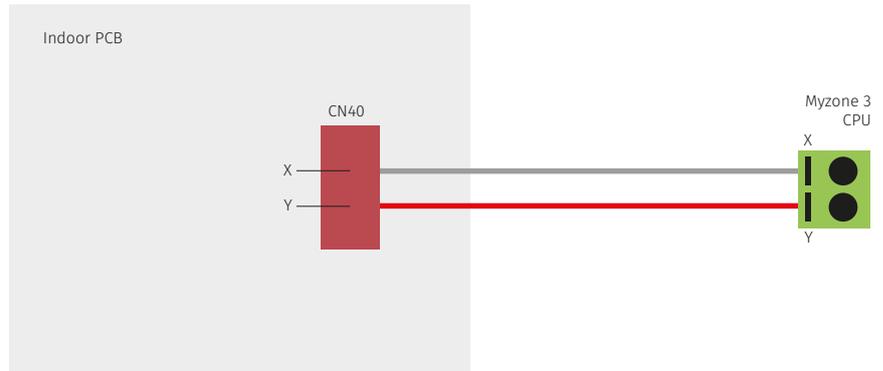


Fig (k) – Myzone C225/C325R

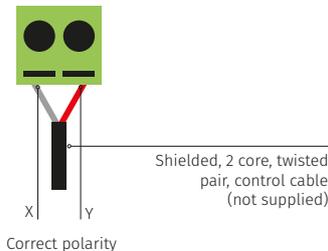
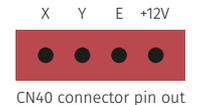


Fig (j)



Myzone Wiring Connections to Samsung Units

Unit make:

Samsung
C325S = AC Series up to 14kw.

C325SN = AC Series &
AC####TNHDKG Series

Connection

Connect a shielded, 2 core, twisted pair control cable from the C225/C325S to the F3/F4 in the fan coil unit. (This cable is supplied by the installer). Polarity is critical see Fig (F) and (G) below for correct connection.

Fig (f) – Samsung indoor fan coil unit terminals

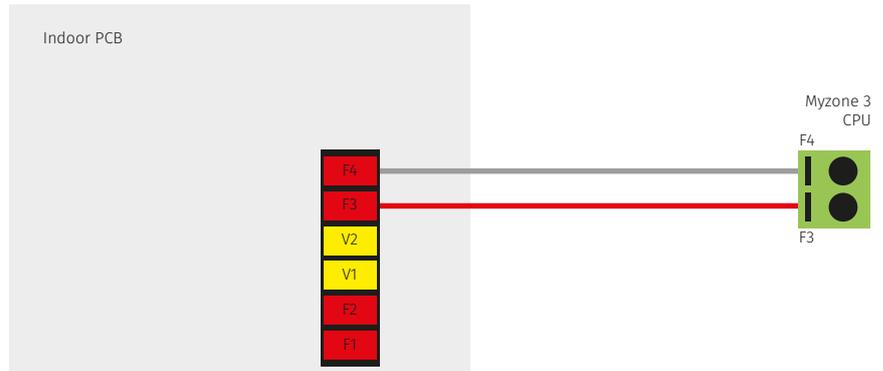
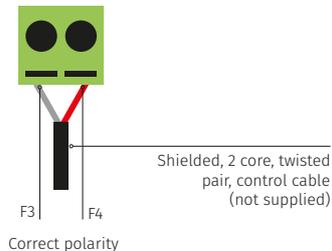


Fig (g) – Myzone C225/C325S



Myzone Wiring Connections to Temperzone Units

Connection

1. Connect a shielded, 2 core, twisted pair control cable from the C225 to the UC8 board in the condensing unit. (This cable is supplied by the installer). Polarity is critical see Fig (a) and (g) for correct connection.
2. Ensure the dip switches in the condensing unit are set correctly for the installed compressor type (digital fixed speed) and fan speed control. Refer to the Temperzone service manual.

Fig (a) – Temperzone UC8 outdoor board

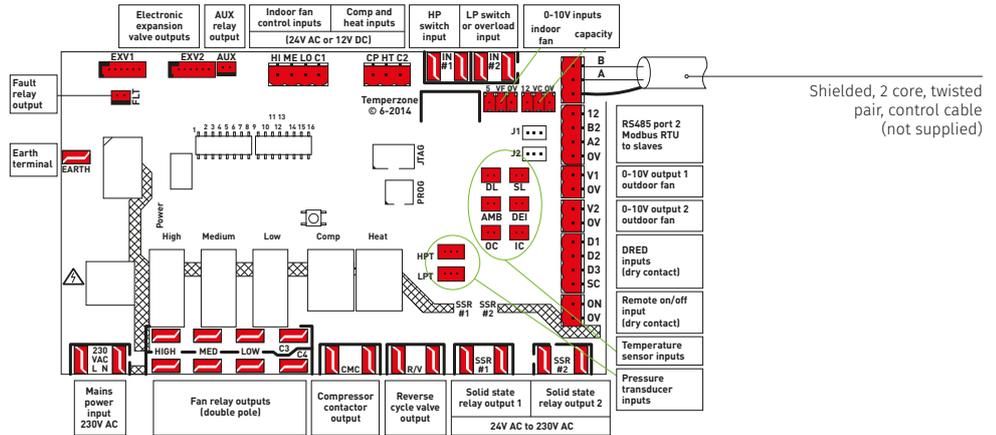
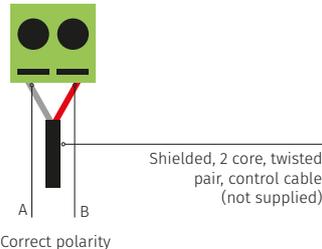


Fig (g) – Myzone C225/C325TZ



Unit make:

Temperzone

Unit must be fitted with UC8 Outdoor Board

Myzone Wiring Connections to York Units

Unit make:

York

68500##

Connection

Connect a shielded, 2 core, twisted pair control cable from the C225/C325Y to the X/Y in the fan coil unit. (This cable and connector is supplied by York). Polarity is critical see Fig (i) (j) and (k) below, for correct connection.

Fig (i) – Indoor fan coil unit terminals

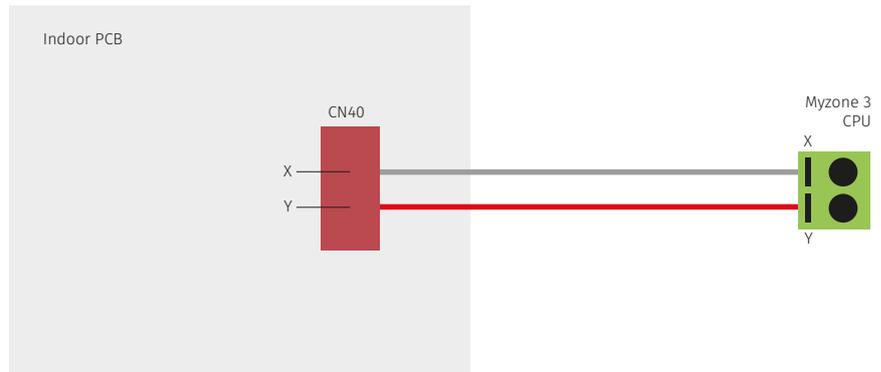


Fig (k) – Myzone C225/C325Y

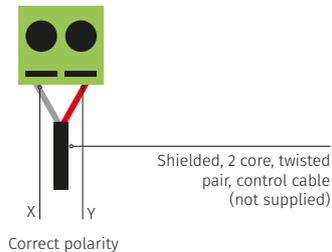
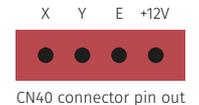


Fig (j)



Myzone Wiring Connections to Universal Control Module

Gas Heating Options

- Gas Heating thermostat only
- 1 Stage Gas Heat + 1 x Fan Speed
- 1 Stage Gas Heat + 1 Stage Cool + 1 x Fan Speed
- 2 Stage Gas Heat + 1 Stage Cool + 1 x Fan Speed
- 2 Stage Gas Heat + 2 Stage Cool + 1 x Fan Speed

Reverse Cycle Options

- 1 Stage R/C + 1 x Fan Speed
- 1 Stage R/C + 3 x Fan Speed
- 1 Stage R/C + Aux Heating + 1 x Fan Speed
- 2 Stage R/C + Aux Heating + 1 x Fan Speed

Connection

1. Connect cables as shown on the wiring diagram for the respective option (24V maximum).
2. Configure the correct system type on the touch screen.
3. Configure the Run on timer, anti-cycle timer, 2nd stage offset, 2nd stage delay and fan control on the touch screen, as applicable.
4. Test for correct operation.

Unit make:

Units that accept 24V
control signals

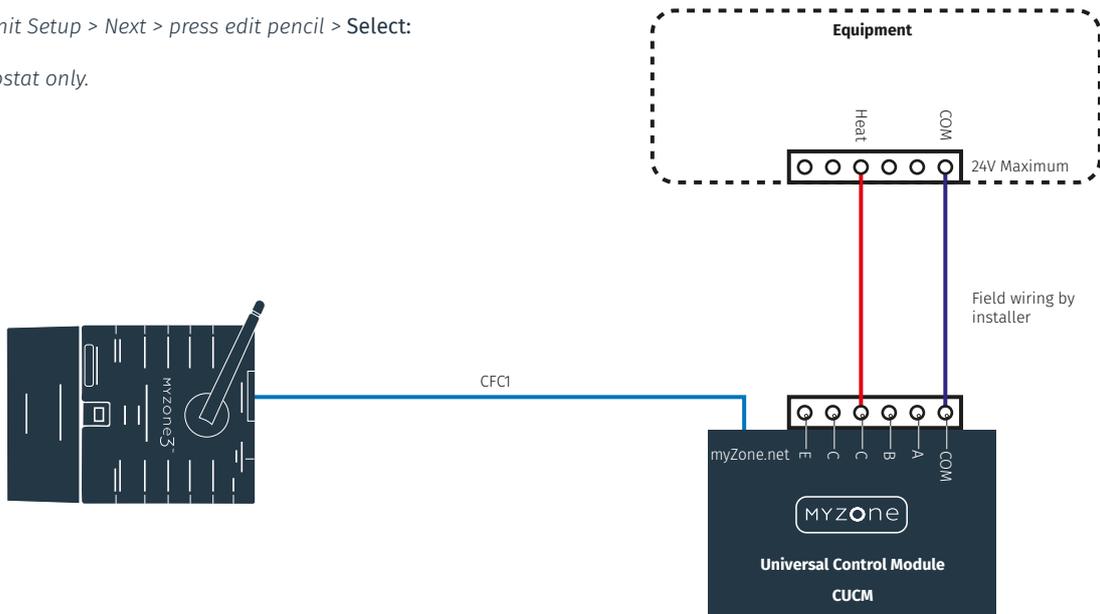
Myzone Wiring Connections to Universal Control Module

Gas Heating Thermostat Only

Configure required functionality via touch screen as follows:

Go to *Config > AC Unit Setup > Next > press edit pencil > Select:*

Gas Heating thermostat only.



Myzone Wiring Connections to Universal Control Module

1 Stage Gas Heating + 1 x Fan Speed

Configure required functionality via touch screen as follows:

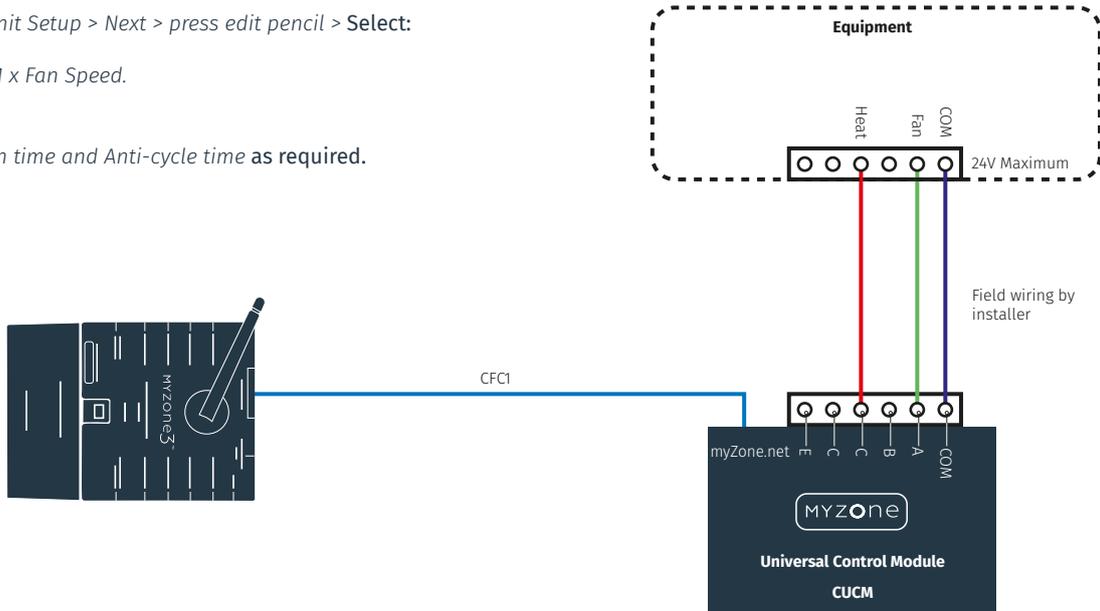
Go to *Config > AC Unit Setup > Next > press edit pencil > Select:*

1 Stage Gas Heat + 1 x Fan Speed.

Press *Next > Next.*

Adjust *Minimum run time and Anti-cycle time* as required.

Setup *Fan control.*



Myzone Wiring Connections to Universal Control Module

1 Stage Gas Heating + 1 Stage Cooling + 1 x Fan Speed

Configure required functionality via touch screen as follows:

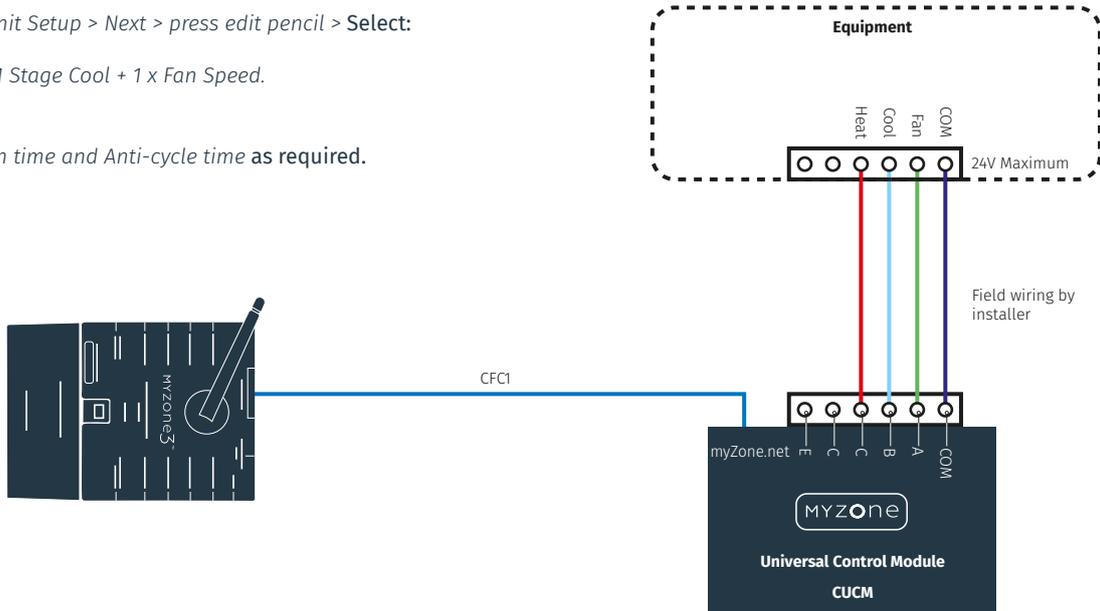
Go to *Config > AC Unit Setup > Next > press edit pencil > Select:*

1 Stage Gas Heat + 1 Stage Cool + 1 x Fan Speed.

Press *Next > Next.*

Adjust *Minimum run time and Anti-cycle time* as required.

Setup *Fan control.*



Myzone Wiring Connections to Universal Control Module

2 Stage Gas Heating + 1 Stage Cooling + 1 x Fan Speed

Configure required functionality via touch screen as follows:

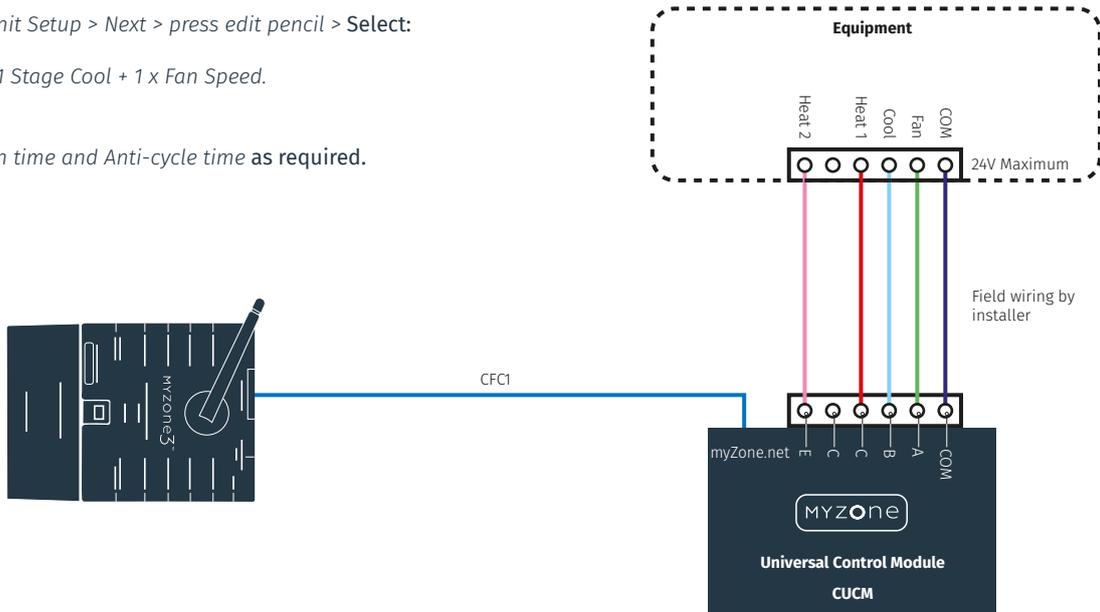
Go to *Config > AC Unit Setup > Next > press edit pencil > Select:*

2 Stage Gas Heat + 1 Stage Cool + 1 x Fan Speed.

Press *Next > Next.*

Adjust *Minimum run time and Anti-cycle time* as required.

Setup *Fan control.*



Myzone Wiring Connections to Universal Control Module

2 Stage Gas Heating + 2 Stage Cooling + 1 x Fan Speed

Configure required functionality via touch screen as follows:

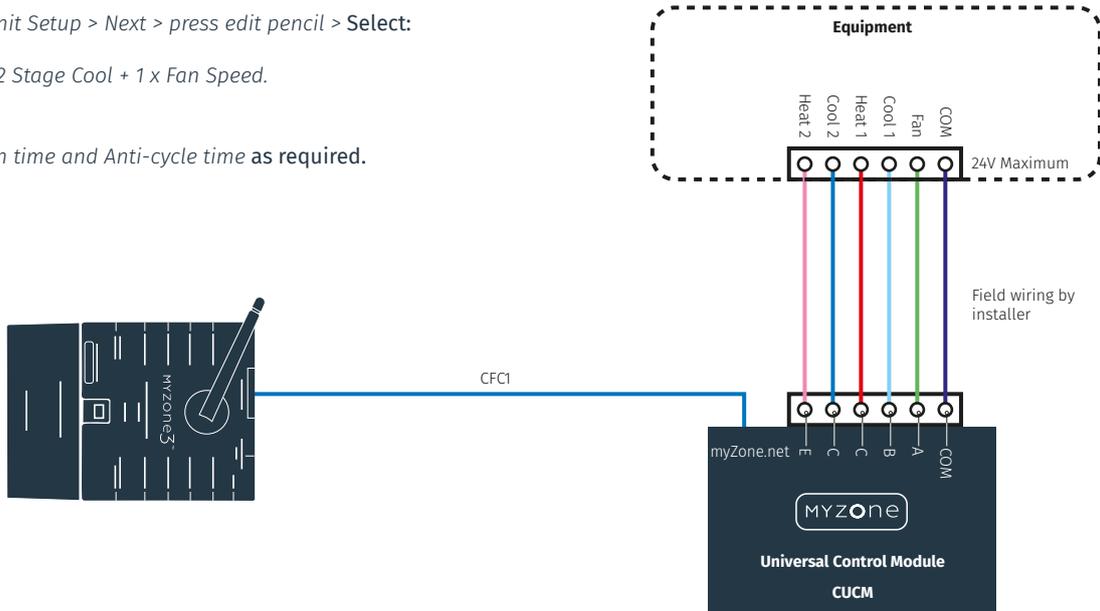
Go to *Config > AC Unit Setup > Next > press edit pencil > Select:*

2 Stage Gas Heat + 2 Stage Cool + 1 x Fan Speed.

Press *Next > Next.*

Adjust *Minimum run time and Anti-cycle time* as required.

Setup *Fan control.*



Myzone Wiring Connections to Universal Control Module

1 Stage Reverse Cycle Heat Pump + 1 x Fan Speed

Configure required functionality via touch screen as follows:

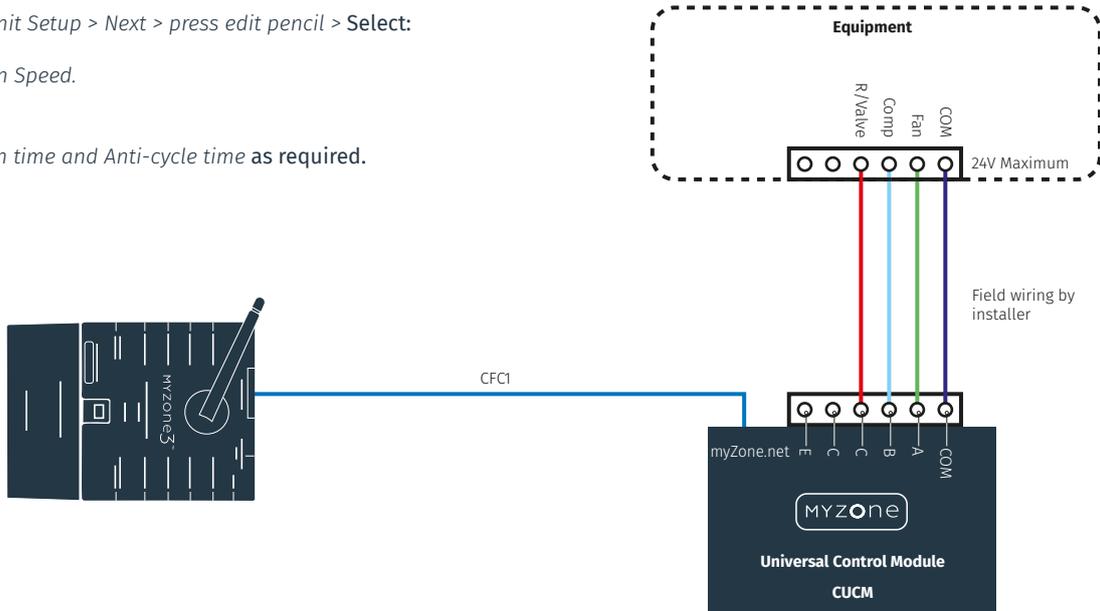
Go to *Config > AC Unit Setup > Next > press edit pencil > Select:*

1 Stage R/C + 1 x Fan Speed.

Press *Next > Next.*

Adjust *Minimum run time and Anti-cycle time* as required.

Setup *Fan control.*



Myzone Wiring Connections to Universal Control Module

1 Stage Reverse Cycle Heat Pump + 3 x Fan Speed

Configure required functionality via touch screen as follows:

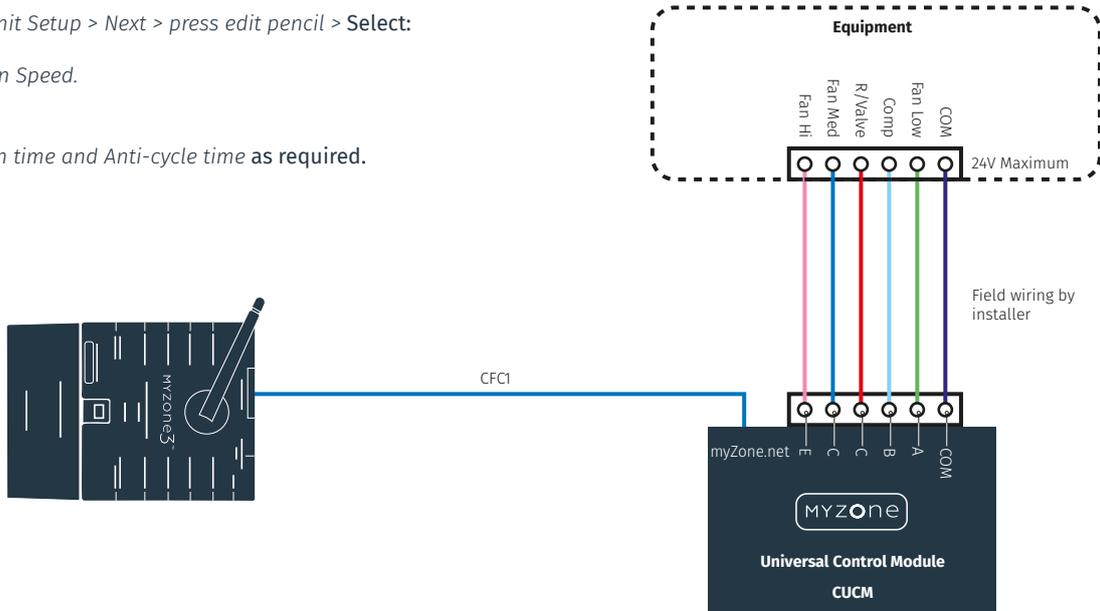
Go to *Config > AC Unit Setup > Next > press edit pencil > Select:*

1 Stage R/C + 3 x Fan Speed.

Press *Next > Next.*

Adjust *Minimum run time and Anti-cycle time* as required.

Setup *Fan control.*



Myzone Wiring Connections to Universal Control Module

1 Stage Reverse Cycle Heat Pump + Aux Heating + 1 x Fan Speed

Configure required functionality via touch screen as follows:

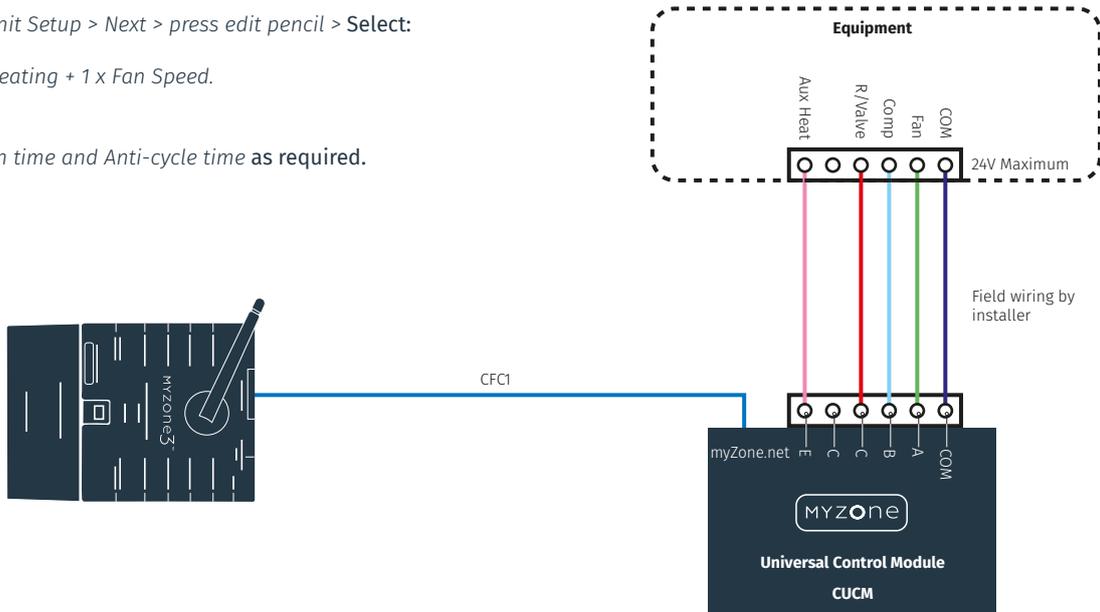
Go to *Config > AC Unit Setup > Next > press edit pencil > Select:*

1 Stage R/C + Aux Heating + 1 x Fan Speed.

Press *Next > Next.*

Adjust *Minimum run time and Anti-cycle time* as required.

Setup *Fan control.*



Myzone Wiring Connections to Universal Control Module

2 Stage Reverse Cycle Heat Pump + Aux Heating + 1 x Fan Speed

Configure required functionality via touch screen as follows:

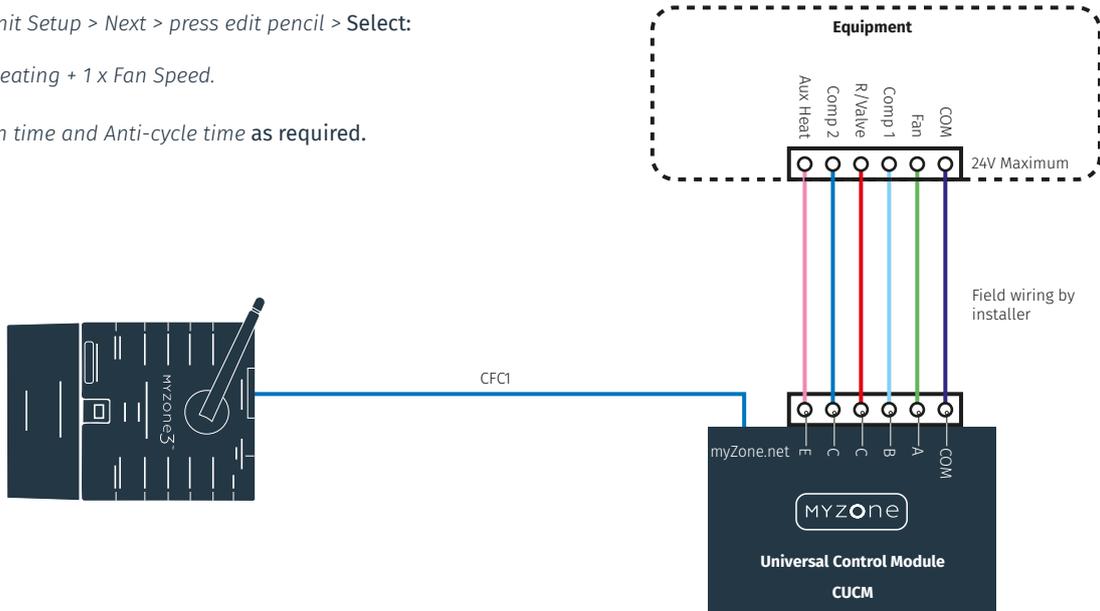
Go to *Config > AC Unit Setup > Next > press edit pencil > Select:*

2 Stage R/C + Aux Heating + 1 x Fan Speed.

Press Next > Next.

Adjust Minimum run time and Anti-cycle time as required.

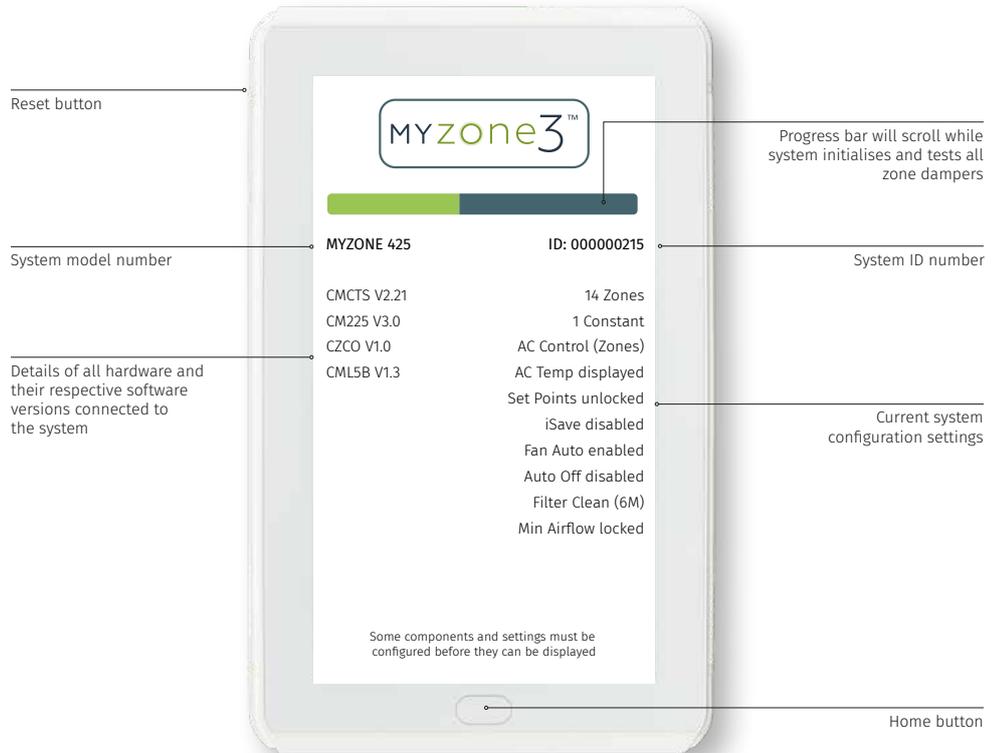
Setup Fan control.



System Initialisation

All new or modified systems must be installed prior to system configuration. There are two ways to initialise the system as follows:

- Press the rest button on the side of the Myzone touch screen (depending on screen orientation).
- Switch the power to the system off and back on.



This image is an example only. Your screen may display differently depending on the system type, what options are selected and the configuration settings entered by your installing contractor.

Changing the Orientation and Type of Graphic

Classic/Portrait



This image is an example only. Your screen may display differently depending on the system type, what options are selected and the configuration settings entered by your installing contractor.

Changing the Orientation and Type of Graphic

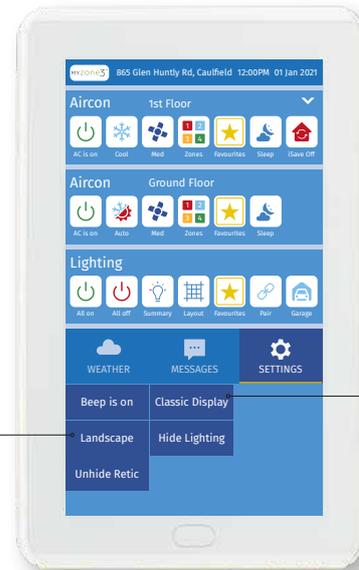
Modern/Portrait



Press "Settings"



Press "Screen"



Press Classic Display if you want to change to "Classic" style of graphics

Press Landscape if you want to remain in "Modern" style but change to landscape format

This image is an example only. Your screen may display differently depending on the system type, what options are selected and the configuration settings entered by your installing contractor.

System Configuration

WARNING! Only qualified Myzone installers should configure the Myzone System. Incorrect configuration could result in damage to your air conditioning unit and system.

Classic Graphics

To configure your system click on the System Configure icon on home page.



Enter the system password "**wamfud**" and press the enter button. The enter button must always be touched to save changes.



You will now be in the System Configuration area.

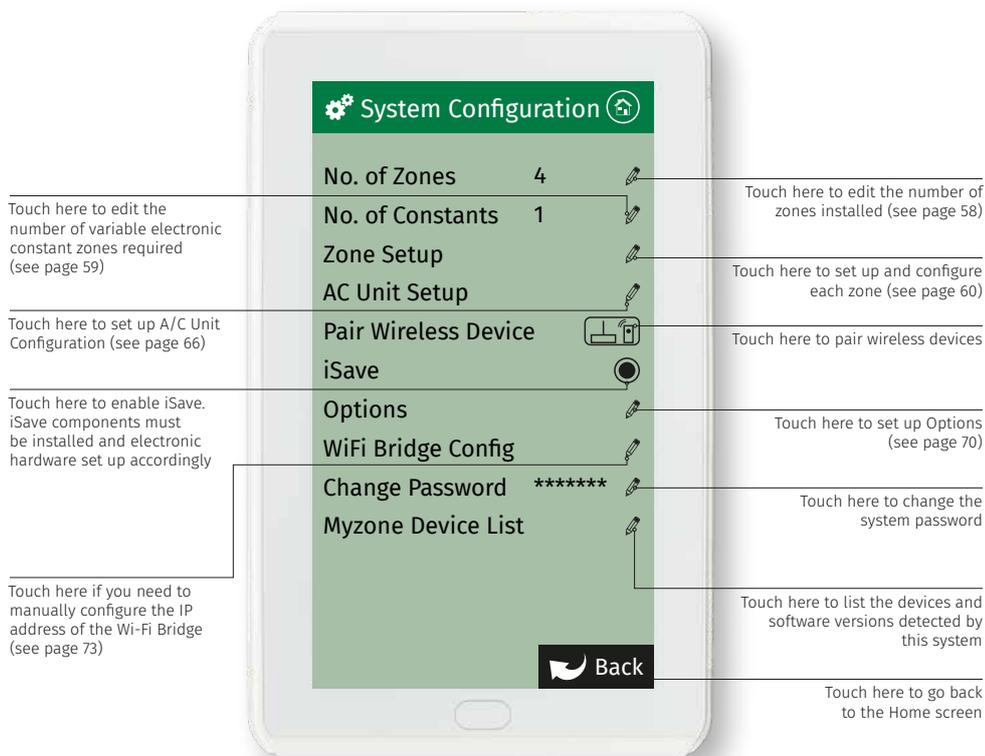
Modern Graphics

To configure your system press Settings > Configuration > Configure Air Conditioner (#).

Enter the system password "**wamfud**" and press the enter button. You will now be in the System Configuration area.

Note: The following configuration instructions are all displayed in the Classic Graphics mode. The Modern Graphics mode has all the same configuration options but are displayed differently. If you are unsure how to configure the system using the Modern Graphics it is recommended that you change the Graphics to Classic mode, complete the configuration, then change the display back to the Modern Graphics mode.

Configuration Main Menu (Classic Display)



Note:

- Information on the configuration screen may vary depending which devices are connected to the system and which model of Myzone you have.

Number of Zones

Number of Zones

First set up the number of zones in your system. To do this click on "Number of Zones", delete the factory default setting of 8 and enter in the correct number of zones being used in the application.

NOTE: Number of zones must also include any constant/spill zones.



Naming Zones

Before you proceed further, it is suggested you mark your zones and name them accordingly under zone summary in the home screen. To do this, go back to the main menu, click on the zones icon, then click on a zone (e.g. Zone 1).

Delete the current zone name and type your desired zone name. Continue until all zones are correctly named.

Once completed, return to the configuration menu.

Number of Constants

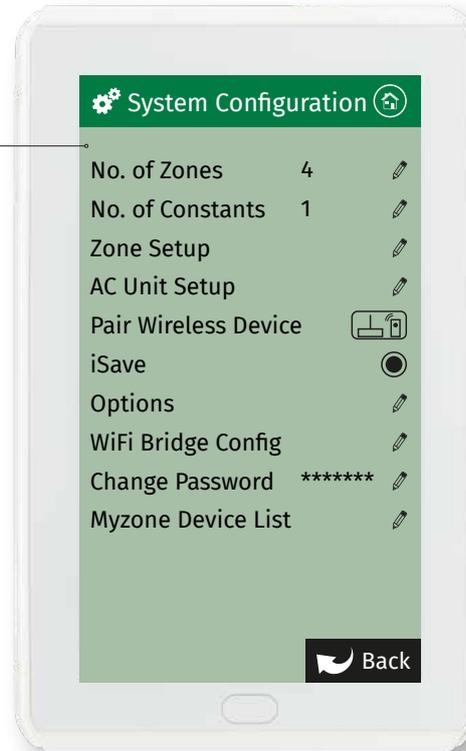
Number of Constants

Set the number of constants that are being used in the system.

To do this click on "Number of Constants", delete the factory default setting of 1 and enter in the correct number of constants being used in the application.

NOTE: Some form of constant control must be designed, installed and configured when using a Myzone 3 system. Failure to do so can result in damage to the air conditioning unit and its associated componentry.

For more information on Constant Zones, please refer to the design considerations section within the Installation Manual.



Zone Set Up



If the zone has been named, it will appear here, if no name has been assigned, it will show the zone number e.g. Zone 3.

Touch here to go to the home screen

Indicates this zone temperature is controlled by a wireless sensor

Indicates this zone is designated to be the first electronic constant zone.

Indicates this zone temperature is controlled via the sensor in a touch screen. Touch here to change.

Indicates this zone is set up for temperature control via a wired sensor. Touch here to change.

Indicates this zone has been set up for Open/Close control only

Indicates this zone is set up for temperature control via an iSense controller

Once the number of zones and constants have been configured, each zone needs to be assigned a control configuration.

Two manual control options and five climate control options are available.

Zone Set Up

Select this option if the zone will be used as a constant zone

Select this option if the zone will be used as a standard OPEN/CLOSED zone

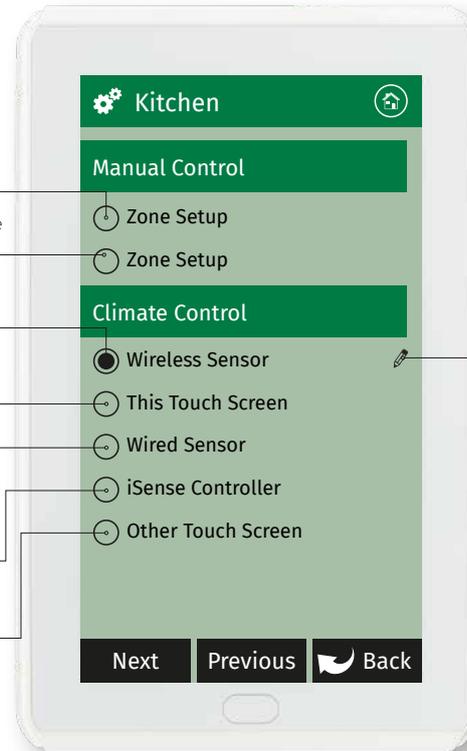
Select this option if the zone will be climate controlled via a Wireless Sensor

Select this option if the zone will be climate controlled via the Touch Screen

Select this option if the zone will be climate controlled via a Wired Sensor

Select this option if the zone will be climate controlled via an iSense Controller

Select this option if the zone will be climate controlled via another touch screen



Press here to view or make changes to the wireless sensor status and configuration

Sensor Configuration

Hold down the "Pair Button" on the Myzone Wireless Sensor Device (see page 63). Then Press here to pair the wireless sensor to your Myzone system.

Indicates the status of the battery in this sensor

Indicates the status of the wireless signal strength from the sensor in this zone. It can take up to 10 minutes of normal operation to get an accurate reading. To speed up the process press the Off/Auto button on the sensor 5 times.

Press here to change the RF Channel

Press here to adjust the calibration of this sensor (see page 64)

Press here to adjust the maximum air balance for this zone. This adjustment takes precedence over the Zone Airflow MAX setting in the main menu available to end users. e.g. If the balance air MAX has been set to 80%. The end user can adjust the MAX airflow in the designated zone to 100%, however the zone will only open to 80%.

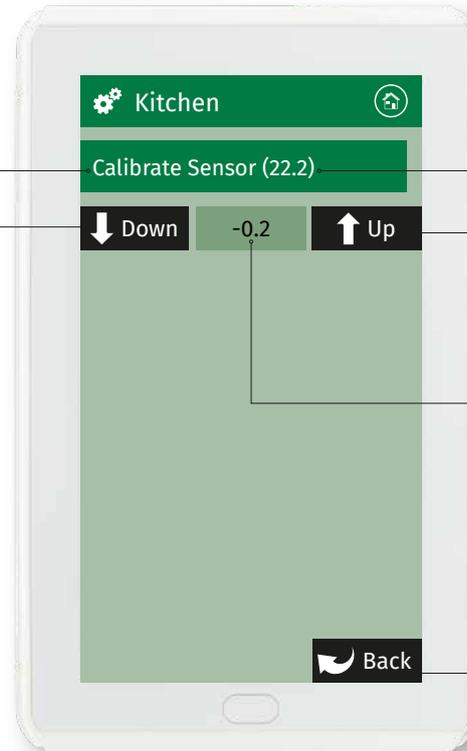
Press here to adjust the minimum air balance for this zone. This adjustment takes precedence over the zone airflow MIN setting in the main menu available to end users. E.g. If the balance air MIN has been set to 15%. The end user can adjust the MIN airflow in the designated zone to 0%, however the zone will only close to 15%.

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.

Touch here to go back and save any changes

Sensor Calibration



Re-calibrated temperature for this zone

Touch here to adjust the calibration down by -0.1 deg. C

Current reading with calibration offset included

Touch here to adjust the calibration up by +0.1 deg. C

Total calibration offset from manufactured setting

Touch here to go back and save the changes.

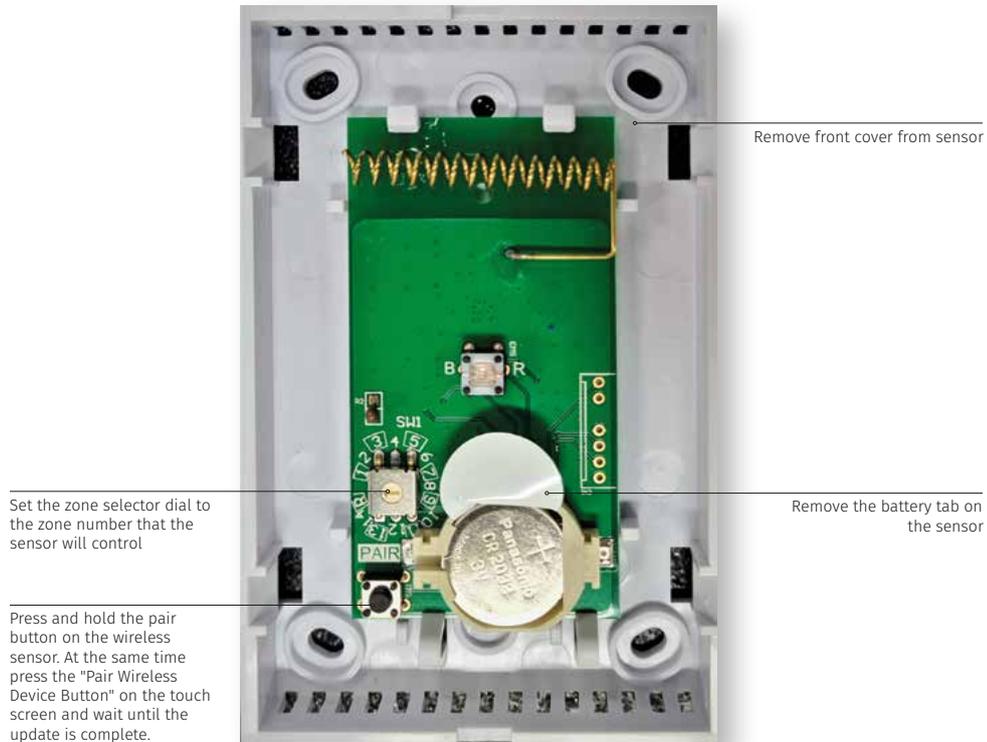
Note:

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

Pairing and Configuring Myzone RF Sensors

Note:

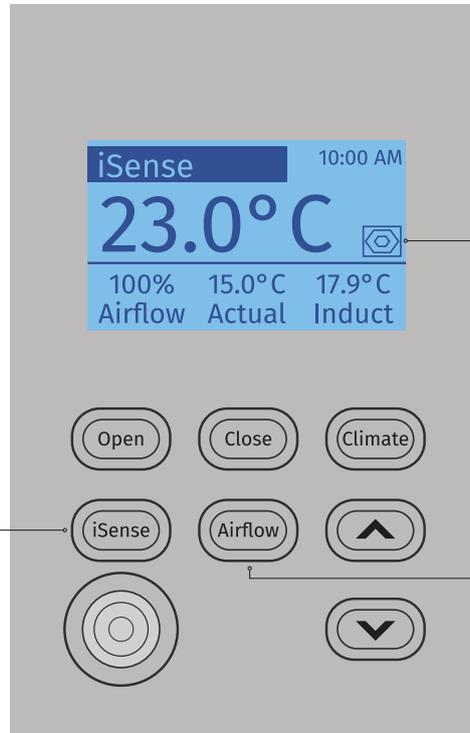
- To pair other devices such as a Myzone bridge or repeater simply press the pairing button on the device and at the same time press the pairing button on the touch screen and wait for the update to complete.



iSense Controller Configuration

Note:

- When iSense has been activated movement is required in the range of the occupancy sensor to keep the zone operating. The use of the iSense feature in bedrooms, when occupants are sleeping, is not recommended.
- iSense controls require the use of shielded RJ45 Cables (Part Number 3205096).



Press and hold the "iSense" button to enter the Occupancy Strategy configuration menu.

Follow the prompts to select the most appropriate strategy for your room or use the Custom Setup option to design your own strategy

Indicates whether the iSense feature is active or inactive

Eye closed = iSense feature inactive

Eye open = iSense feature active

The iSense feature uses the occupancy strategy to control the zone

Press and hold the "Airflow" button to configure the controller. Here you can configure the correct Zone to control, change brightness and calibrate the sensor if required.

System reset button located at the bottom of controller

Default pre-set

15 min No Movement – actual Temp moves 3 deg. closer to set temp.

30 min No Movement – Zone Closes

Pre-set 2

15 min No Movement – actual Temp moves 3 deg. closer to set temp.

30 min No Movement – Zone Closes

Pre-set 3

15 min No Movement – actual Temp moves 3 deg. closer to set temp.

30 min No Movement – Zone Closes

Pre-set 4

15 min No Movement – actual Temp moves 2 deg. closer to set temp.

15 min No Movement – Zone Closes

A/C Unit Configuration

Select the Method of Controlling the AC Unit

R/Air will control the A/C using the unit's return air sensor

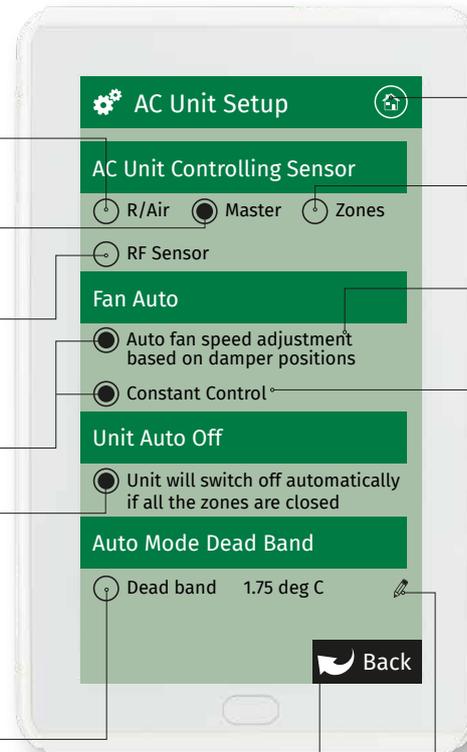
Master will control the A/C unit from an assigned touch screen or zone sensor

RF Sensor is selected if you are controlling an A/C unit with no zones from a single RF sensor. The RF sensor dial must be set to (F) or (R)

Touch here to enable/disable these features

Touch here to enable/disable this feature. NOTE: This will shut down both outdoor and indoor unit when all zones are closed. Opening a zone will not turn the unit back on, unit will need to be turned back on using the on/off button.

Indicates the current dead band required to automatically switch from Cooling to Heating. This dead band ± 1.75 deg. C from the controlling sensor's set point.



Touch here to go to the home screen

Zones will control the A/C unit from the zone that's actual temperature is furthest from the desired set temperature

To configure Fan Auto (see page 67)

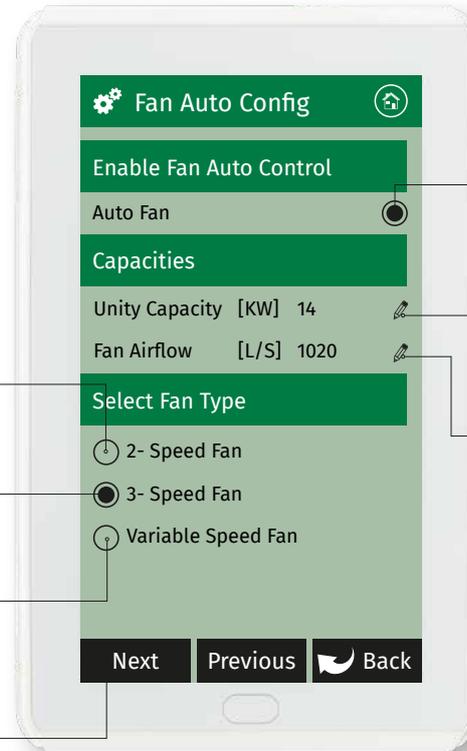
Advanced constant control will use area (m²) in lieu of % of total zones open to control the constant zone or bypass damper. NOTE: all room areas must be entered accurately for this to function correctly. If the zone areas total 50m² and the equivalent of 25m² of zones are open, with a minimum area to be covered of 35m², then the constant or bypass will open in % to the equivalent of 10m².

E.g. Zone 1 Area = 13m² @20% Open
Zone 2 Area = 12m² @30% Open
Constant or Bypass = 10m² @15% Open

Touch here to go back and save the changes

Touch here to adjust the deadband

Fan Auto Configuration



Touch here to enable Fan Auto control and to proceed with Fan Auto set up

Touch here to set the A/C Unit capacity for this system. The capacity selection will provide an approximate airflow capacity for the A/C Unit.

Touch here to fine tune the airflow capacity. You can set the exact airflow in litres per second. This is available from the A/C Unit manufacturer.

Select the correct fan speed type for the system installed. Refer to A/C unit manufacturer manual

It is recommended to use 3 speed fan setting for best use of the "Auto Fan" Function

Only Available on certain A/C unit makes.

Touch here to configure the zone areas (see page 68)

Fan Auto Zone Area Set Up



Zone name

Touch here to set the kitchen area in square meters

Current area set for Zone 3

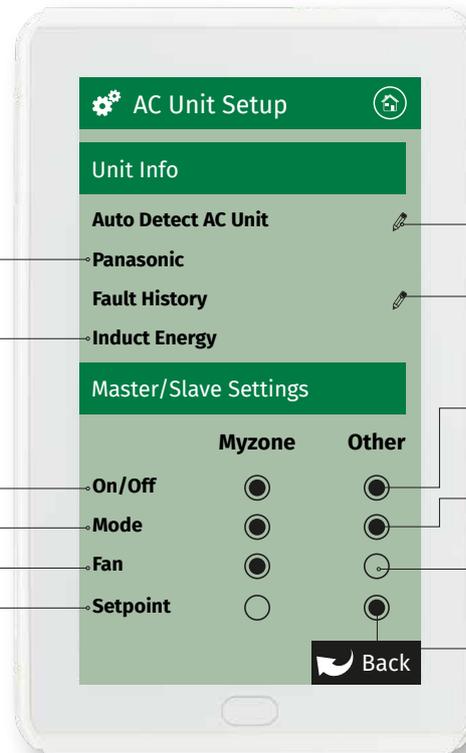
Indicates area of Bypass zone. Only a Bypass zone can be set to 1m²
Indicates area of Bypass zone. Only a Bypass zone can be set to 0m².

Constant Control (If Enabled) shows the minimum area of zones that must be satisfied (closed) before the constant zone/bypass is requested to open.

NOTE: A zone operating at e.g. 45% open is deemed (for the systems calculations) to be air conditioning 45% of its total set area

Touch here to configure the rest of the zone areas (e.g. Zone 5)

Unit Info and Master/Slave Setup



Indicates what brand A/C unit module is connected to this system

When this option is enabled the Myzone will make use of the temperature of the air in the ductwork to try and move the zones closer to set-point regardless of the mode the A/C unit is set to

System On/Off control

System mode control

System fan speed control

System set point adjustment

Press here if you want to manually search for the correct unit

Touch here to view the fault history for this A/C unit

System can be turned On/Off by both the Myzone and "Other" controller

System mode can be changed by both Myzone and "Other" controller

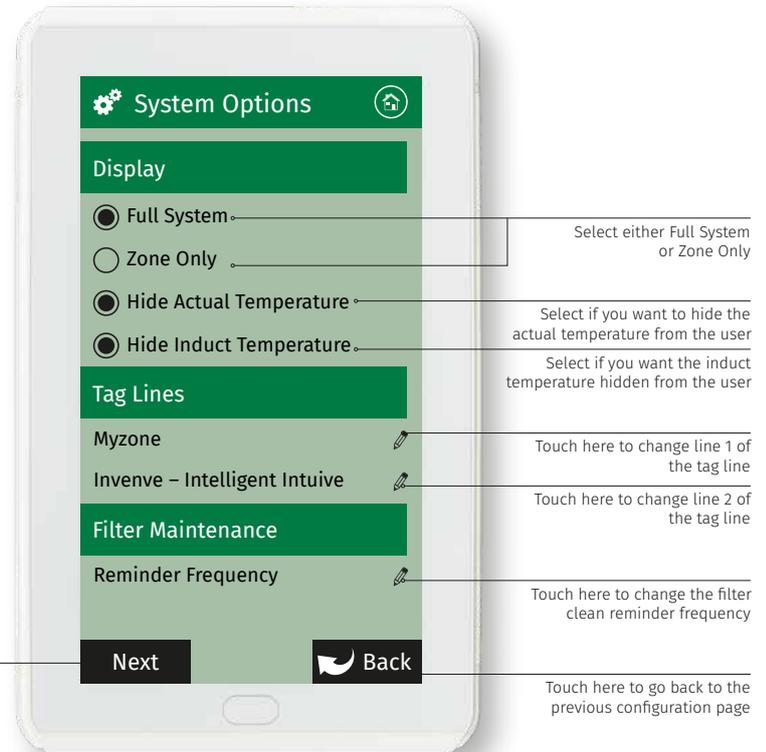
System fan speed can only be controlled by the Myzone Controller

System set point can only be controlled by the "other" controller connected to the unit

Note:

- This is an Advanced setting and should only be attempted by suitably qualified Myzone technicians.
- These settings will only work with certain makes and models of A/C units. Contact Reece to check if your system is suitable.
- The A/C system controls may require additional PCML5Bs, master/slave adjustments or controller addressing for these functions to operate.
- Reece does not accept responsibility if these settings do not work correctly on your particular system.

System Options (Display, Taglines and Filter Maintenance)



Note:

- Information on the configuration screen may vary depending which devices are connected to the system and which model of Myzone you have.

System Options (Locks and Non Standard Damper Motors)

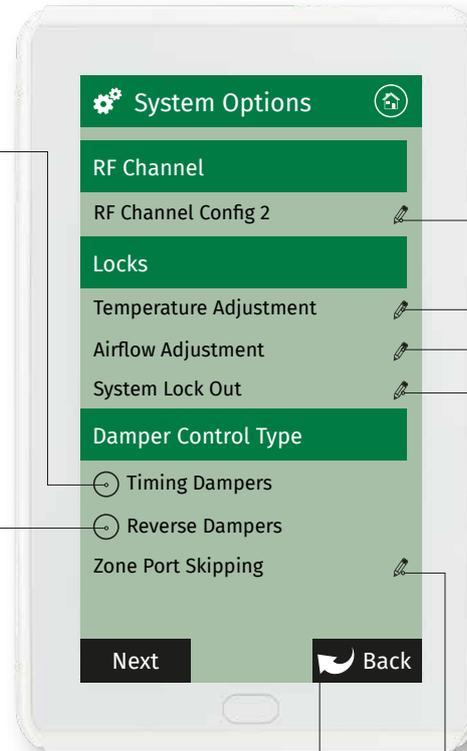
Select here for non standard dampers such as Belimo.

You will need to type in the drive time in seconds from fully closed to fully open.

Please note this will change the timing for all motors in the system so you cannot have a mix of different motors on the same system when using this feature.

The damper fault detection is ignored when this mode is used.

Select here to reverse the operation of all dampers



Press here to change the systems radio frequency channel. NOTE: If the RF channel is changed, you will need to re-pair all the RF devices connected to the system (Zone sensors, Wi-Fi Bridge etc.)

Press here to set limits for set point adjustment and to lock this setting

Touch here to lock airflow adjustment. You can lock minimum airflow only or both minimum and maximum air flow adjustments. Default factory setting are: Minimum Airflow = Locked Maximum Airflow = Unlocked

Touch to lock the AC Unit. You will need to enter a PIN number and then the number of days you want the system to operate for, until it is locked off. Do not forget your PIN. WARNING! If pin code is forgotten, the CPU will need to be re-programmed.

Press here to skip a zone port on the C225 Module in the event a zone port is faulty

Touch here to go back to the previous configuration page

Note:

- Information on the configuration screen may vary depending which devices are connected to the system and which model of Myzone you have.

Wi-Fi Bridge Set Up

Equipment

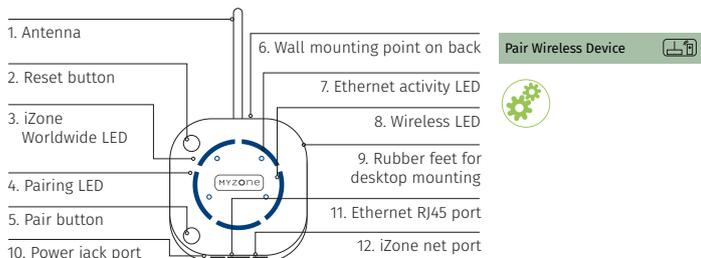
- See installation manual for details of equipment required and wiring diagram.

Configuration and Set Up

- Connect the Wi-Fi Bridge to a 240V Power Supply.
- Connect the factory supplied RJ45 cable to the "Ethernet" port on the Wi-Fi bridge and to a "LAN" port on the customers Modem/Router.

Pair the wireless bridge to the Myzone system

- Once plugged into power and connected to a compatible modem/router press and hold the blue button on the side of the Wi-Fi Bridge.
- At the same time enter the system configuration menu on the tablet using the "wamfud" password and press "Pair Wireless Device". Once successfully paired you may release the "Pair" button on the Wi-Fi Bridge.

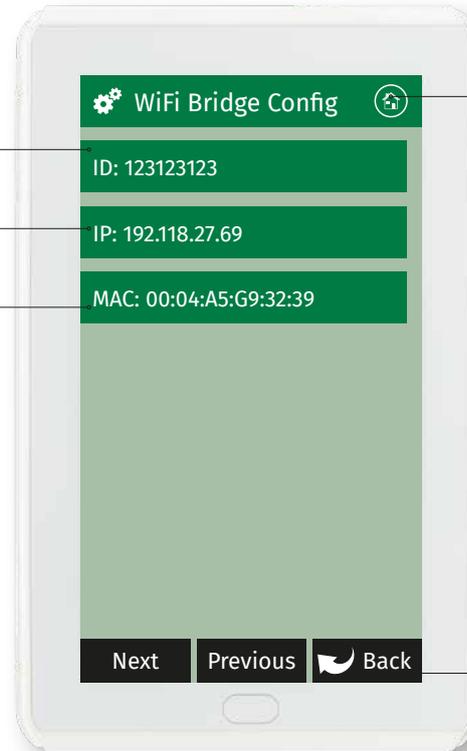


Check the pairing was successful

- Wait a few seconds after completing the pairing process. Press the home button on the touch screen.



Wi-Fi Bridge Configuration



Displays the Myzone system identification number

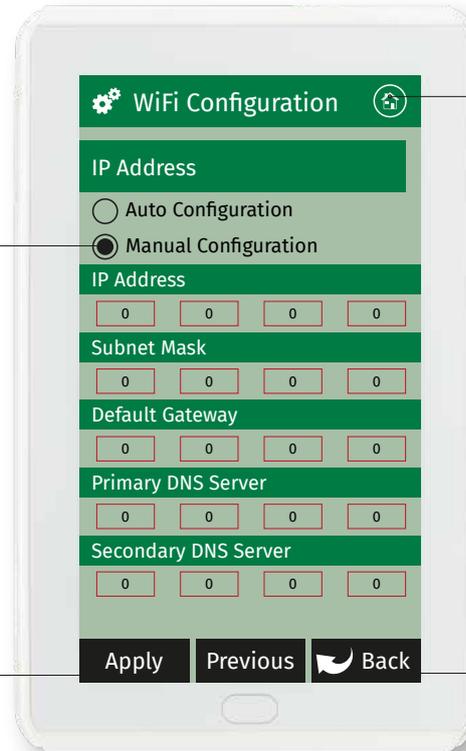
Displays the Bridge IP address allocated by the DHCP

Displays Myzone Ethernet controller MAC address

Touch here to go to the home screen

Touch here to go back and save the changes

Wi-Fi Manual IP Configuration



Touch here to go to the home screen

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. If you require manual configuration please contact your IT specialist to assist you.

Touch here to apply the changes to the configuration

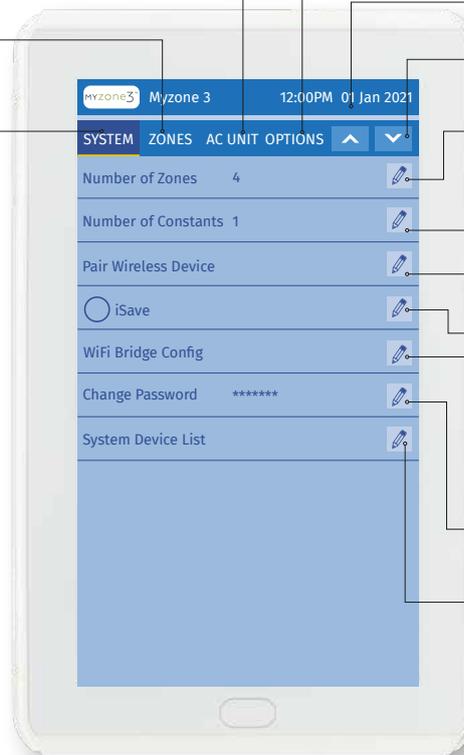
Touch here to go back without saving the changes

Configuration Main Menu (Modern Display)

Touch here to view the A/C
Unit Settings

Touch here to view the
Zones Settings

Touch here to view the
System Settings



Touch here to view the
Options Settings

Touch here to scroll "UP"
through settings

Touch here to scroll "DOWN"
through settings

Touch here to edit the number of
zones installed (see page 76)

Touch here to edit the number of
variable electronic constant zones
required (see page 77)

Touch here to pair wireless devices

Touch here to enable iSave.
iSave components must be
installed and electronic hardware
set up accordingly

Touch here to manually configure
the Wi-Fi Bridge

Touch here to change the
system password

Touch here to list the devices and
software versions detected by
the system

Note:

- Information on the configuration screen may vary depending which devices are connected to the system and which model of Myzone you have.

Number of Zones

Number of Zones

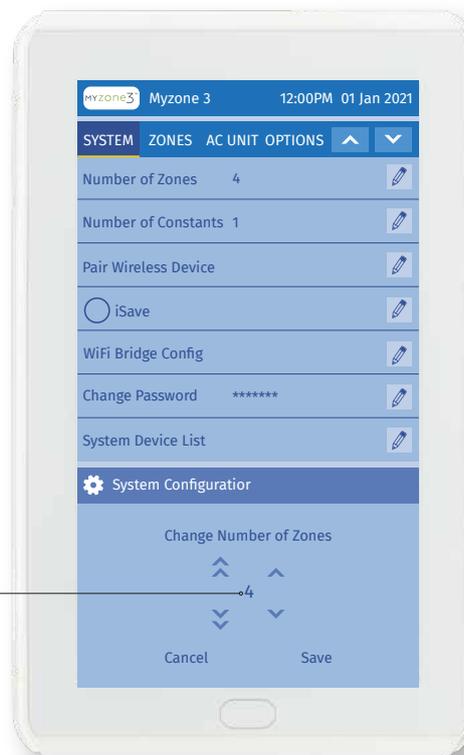
First set up the number of zones in your system.

To do this click on the pencil next to "Number of Zones", adjust the factory default setting of 8 and enter in the correct number of zones being used in the application. NOTE: Number of zones must also include any constant/spill zones.

Naming Zones

Before you proceed further, it is suggested you mark your zones and name them accordingly under zone summary in the home screen. To do this, go back to the main menu, click on the zones icon, then click on a zone (e.g. Zone 1).

Delete the current zone name and type your desired zone name. Continue until all zones are correctly named. Once completed, return to the configuration menu.



Number of Constants

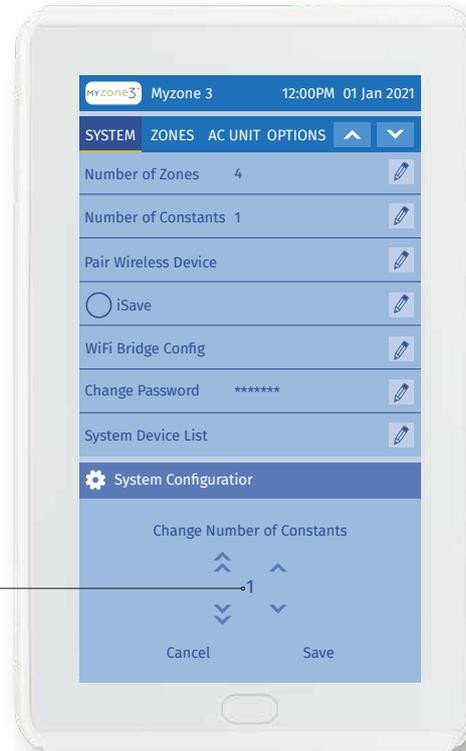
Number of Constants

Set the number of constants that are being used in the system.

To do this click on the pencil next to "Number of Constants", adjust the factory default setting of 1 and enter in the correct number of constants being used in the application.

NOTE: Some form of constant control must be designed, installed and configured when using a Myzone 3 system. Failure to do so can result in damage to the air conditioning unit and its associated componentry.

For more information on Constant Zones, please refer to the design considerations section within the Installation Manual.



Zone Set Up

Touch here to view the Zones Settings

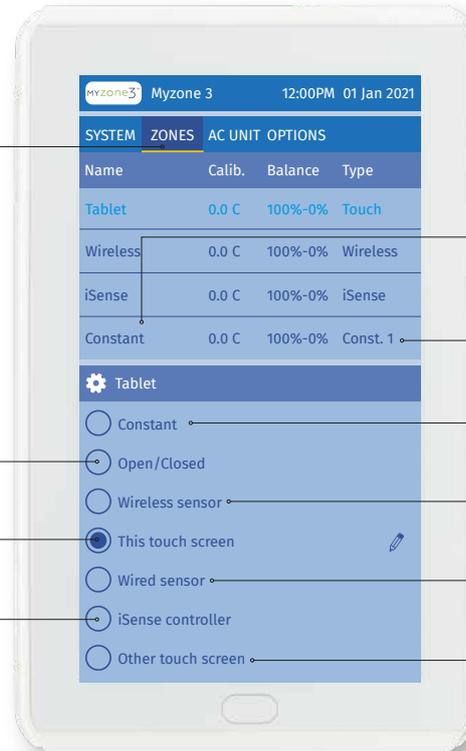
Zone Set Up

Once the number of zones and constants have been configured, each zone needs to be assigned a control configuration. Two manual control options and five climate control options are available.

Indicates this zone has been set up for Open/Close control only

Indicates this zone temperature is controlled via the sensor in a touch screen

Indicates this zone is set up for temperature control via an iSense controller



If the zone has been named, it will appear here, if no name has been assigned, it will show the zone number e.g. Zone 3

Click on each zone to configure set up

Indicates this zone is designated to be the first electronic constant zone

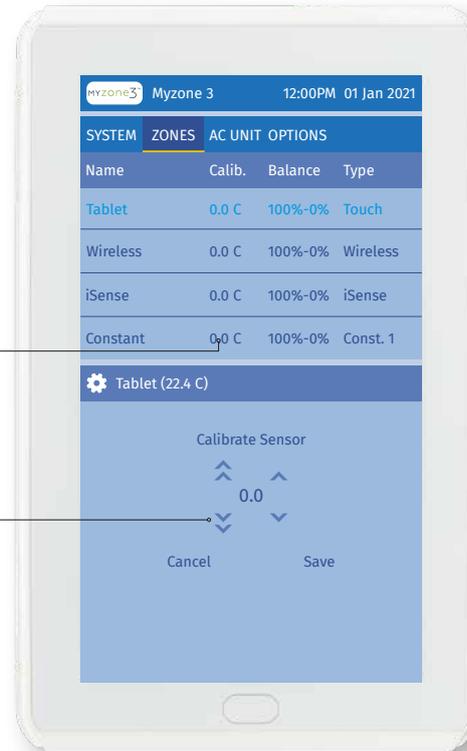
Indicates this zone temperature is controlled by a wireless sensor

Indicates this zone is set up for temperature control via a wired sensor

Indicates this zone is controlled by a secondary touch screen

Zone Set Up

Sensor Calibration

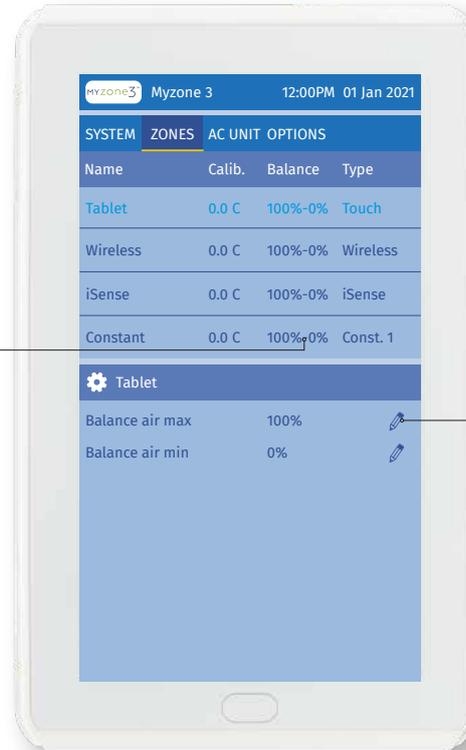


Press here to adjust the calibration of this sensor

Press here to adjust the temperature calibration of this sensor

Zone Set Up

Air Balance



Press here to adjust the minimum/maximum air balance for this zone. This adjustment takes precedence over the zone airflow MIN/MAX setting in the main menu available to end users.

E.g. If the balance air MIN has been set to 15%.

The end user can adjust the MIN airflow in the designated zone to 0%, however the zone will only close to 15%.

E.g. If the balance air MAX has been set to 80%.

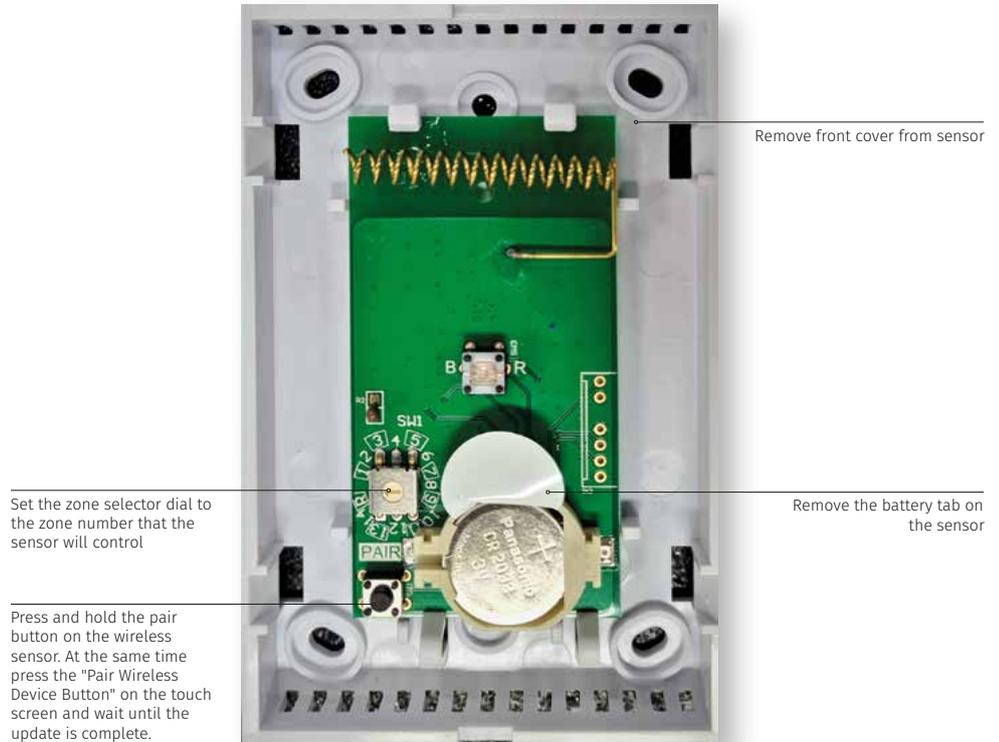
The end user can adjust the MAX airflow in the designated zone to 100%, however the zone will only open to 80%.

Press here to adjust the MAX/MIN percentages

Pairing and Configuring Myzone RF Sensors

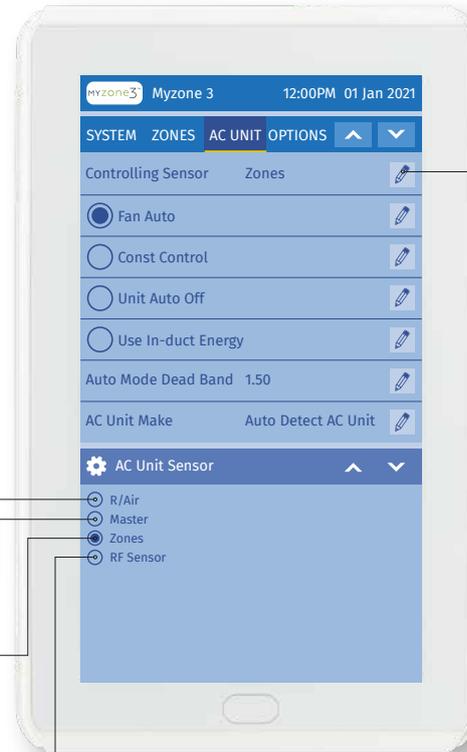
Note:

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



A/C Unit Configuration

Controlling Sensor



Touch here to change the controlling sensor

R/Air will control the A/C using the unit's return air sensor

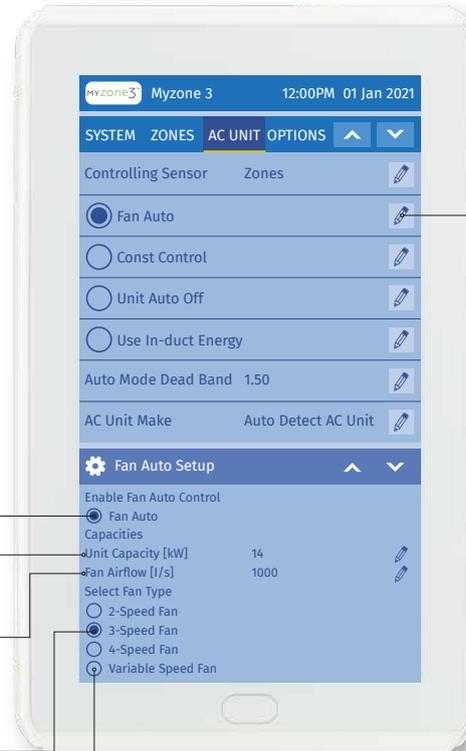
Master will control the A/C unit from an assigned touch screen or zone sensor

Zones will control the A/C unit from the zone that's furthest from the desired set temperature

RF Sensor is selected if you are controlling an A/C unit with no zones from a single RF sensor. The RF sensor dial must be set to (F) or (R)

A/C Unit Configuration

Fan Auto



Touch here to configure Fan Auto

Touch here to enable Fan Auto

Touch here to set the A/C Unit capacity for this system

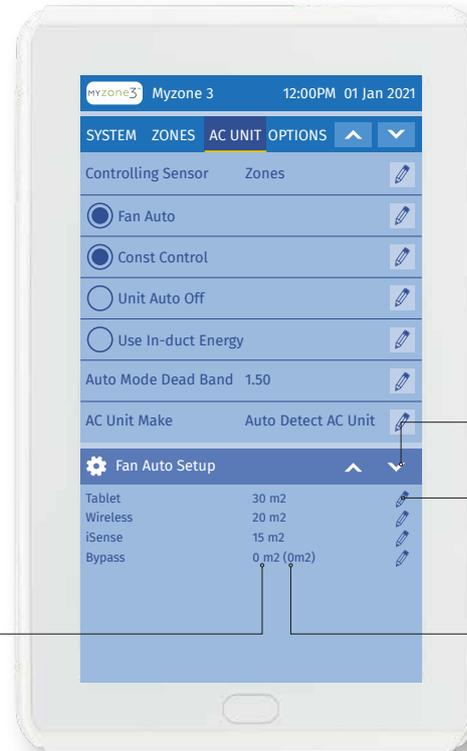
Touch here to fine tune the airflow capacity. Always use the "High" fan speed L/S value. This is available from the A/C Unit manufacturer.

It is recommended to use 3 speed fan setting for best use of the "Auto Fan" Function

Only available on certain A/C unit makes

A/C Unit Configuration

Fan Auto



Touch here to scroll Fan Auto Setup

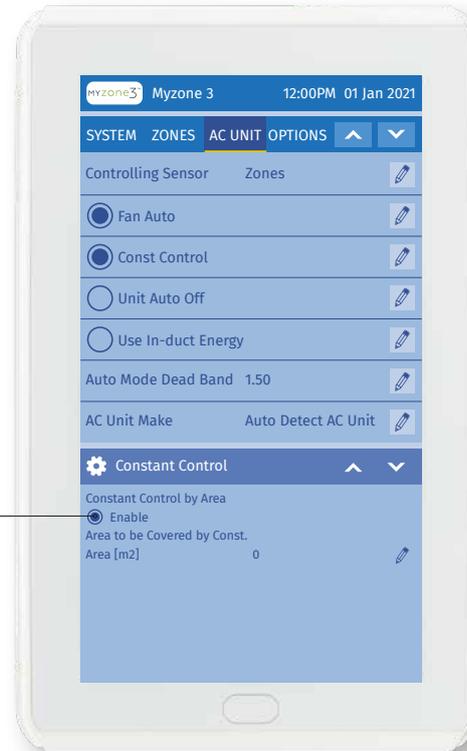
Touch here to set the area in square meters

Indicates area of Bypass zone. Only a Bypass zone can be set to 1 sqm.

NOTE: A zone operating at e.g. 45% open is deemed (for the systems calculations) to be air conditioning 45% of its total set area

A/C Unit Configuration

Constant Control



Advanced constant control will use area (m²) in lieu of % of total zones open to control the constant zone or bypass damper. NOTE: all room areas must be entered accurately for this to function correctly.

If the zone areas total 50m² and the equivalent of 25m² of zones are open, with a minimum area to be covered of 35m², then the constant or bypass will open in % to the equivalent of 10m².

E.g.

Zone 1 Area = 13m² @20% Open

Zone 2 Area = 12m² @30% Open

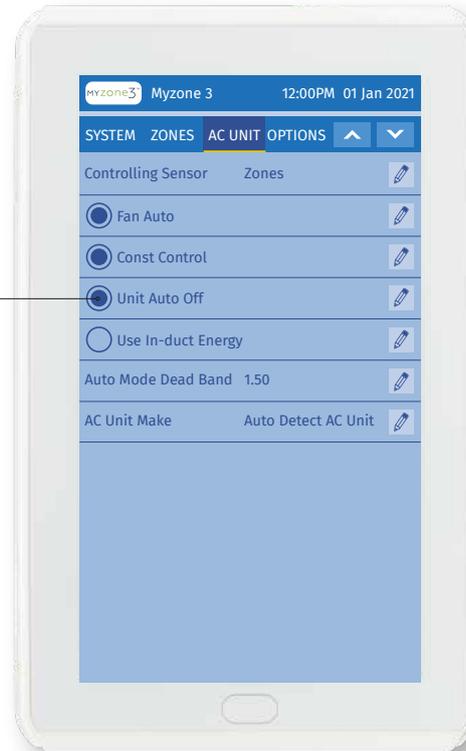
Constant or Bypass = 10m² @ 15% Open

A/C Unit Configuration

Unit Auto-Off

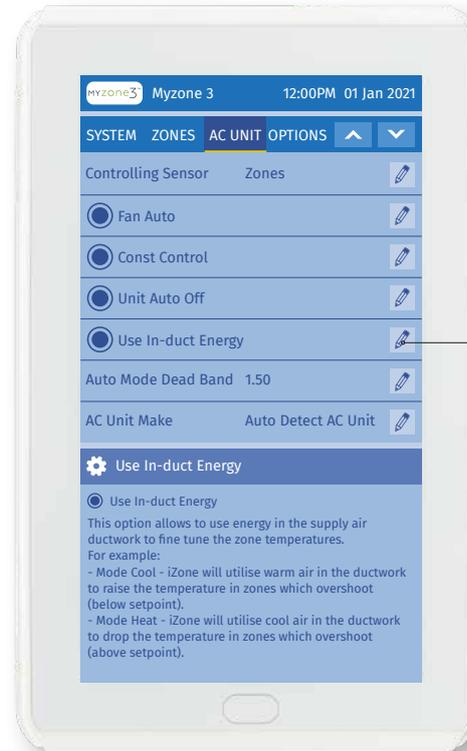
Touch here to enable/disable this feature.

NOTE: This will shut down both outdoor and indoor unit when all zones are closed. Opening a zone will not turn the unit back on, unit will need to be turned back on using the on/off button.



A/C Unit Configuration

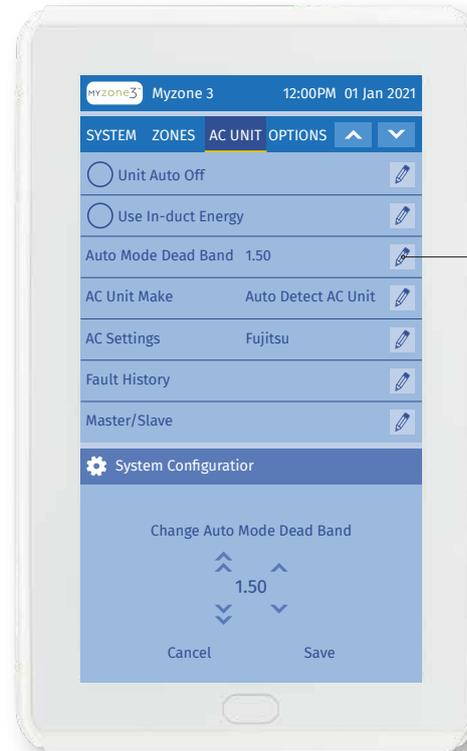
In-Duct Energy



Touch here to enable/disable the use of In-Duct Energy

A/C Unit Configuration

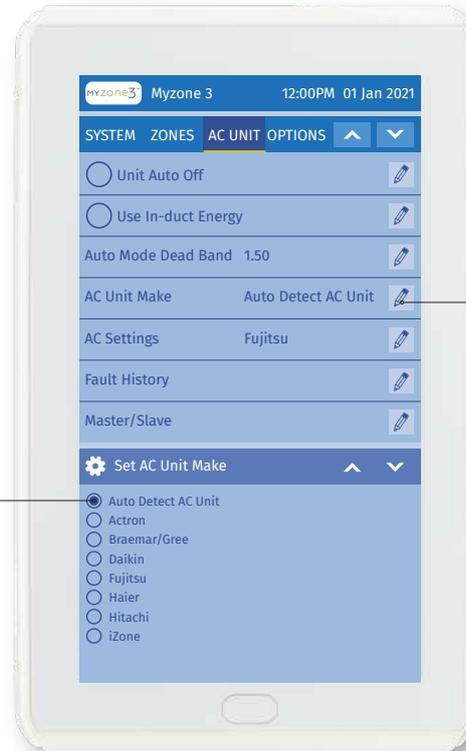
Auto Deadband



The deadband represents a temperature range in the AUTO mode set point in which neither cooling nor heating turns on. The deadband prevents the thermostat from activating cooling and heating in rapid succession.

A/C Unit Configuration

A/C Unit Make

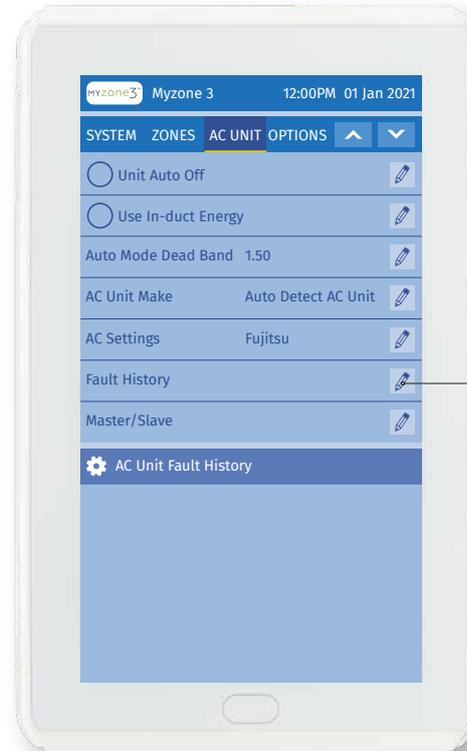


Auto Detect is the factory default setting and should not need to be changed

Touch here to change the A/C Unit Make

A/C Unit Configuration

Fault History



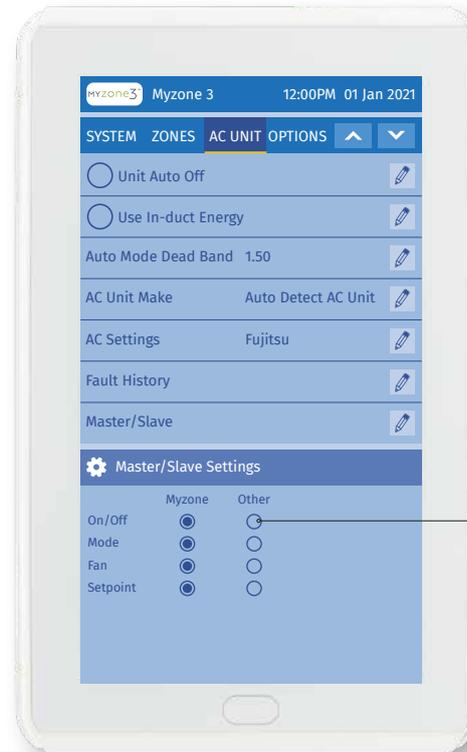
Press here to view the A/C Unit Fault History. All Manufacturers error codes will display here with date and time of error.

A/C Unit Configuration

Master/Slave

Note:

- This is an Advanced setting and should only be attempted by suitably qualified Myzone technicians.
- These settings will only work with certain makes and models of A/C units. Contact Reece to check if your system is suitable.
- The A/C system controls may require additional PCML5Bs, Master/Slave adjustments or controller addressing for these functions to operate.
- Reece does not accept responsibility if these settings do not work correctly on your particular system.



Use these settings to adjust Master/Slave control configurations with Myzone and another control.

E.g. selecting both Myzone and Other for ON/OFF will allow the unit to be turned ON/OFF from both the Myzone and other controller.

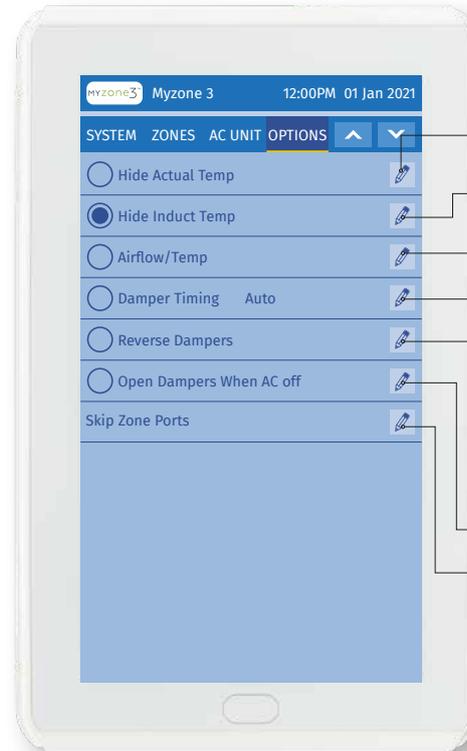
System Options

myzone3 Myzone 3 12:00PM 01 Jan 2021

SYSTEM ZONES AC UNIT **OPTIONS** ^ v

| | | | |
|--------------------------------------|-------------------------|--|---|
| Tag Line 1 | Myzone 3 | | Press here to change the Tag Line 1 |
| Tag Line 2 | Inventive - Intelligent | | Press here to change the Tag Line 2 |
| <input type="radio"/> Filter Inspect | Disabled | | Press here to change the filter clean reminder frequency |
| <input type="radio"/> Lock Temps | | | Press here to lock the MIN/MAX set point temperatures |
| <input type="radio"/> Scrooge | | | Press here to activate the "Scrooge" function. This will utilise the MIN/MAX set point locks, however the user will still be able to adjust the set point to the full range. When this mode is selected, the Actual temp is automatically hidden. |
| Max SP Temp | 30.0 | | Press here to adjust the Max Set Point Temperature for the Lock and Scrooge Functions |
| Min SP Temp | 15.0 | | Press here to adjust the Min Set Point Temperature for the Lock and Scrooge Functions |

System Options



Press here to hide the actual temp from the end users view

Press here to hide the actual temp from the end users view

Press here to show Set Temp and Actual Temp in the zone summary menu instead of Set Temp and Airflow

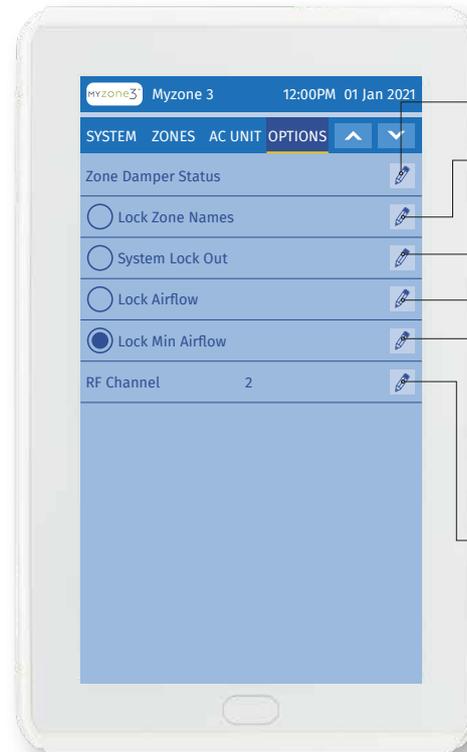
Press here to adjust the Damper timing from Auto to Manual. (Only activate this option with Siemens or Belimo Damper Motors).

Press here to reverse the polarity of all zone motors connected to the system.

Press here to activate this function

Press here and then select a zone port to skip. Can be utilised if there is a faulty port. Select the faulty port and move all zones to the next consecutive port.

System Options



Press here to check the status of the zone dampers

Press here to lock zone names so that they cannot be changed/re-named unless the lock is de-activated

Touch to lock the A/C Unit. You will need to enter a PIN number and then the number of days you want the system to operate for, until it is locked off. Do not forget your PIN. WARNING! If pin code is forgotten, the CPU will need to be reprogrammed.

Press here to lock MAX/MIN airflow adjustments

Press here to lock MIN airflow adjustment only

Press here to change the Radio Frequency channel the system operates on. NOTE: if this is changed all RF signal components need to be re-paired (Sensors, Wi-Fi Bridge etc.)

Installing the Myzone 3 App

Hardware Requirements

- Smartphone or Tablet. The following platforms are supported: Apple & Android.
- Myzone 3 Wi-Fi Bridge.
- Modem/Router.

Software/Systems Requirements

iOS SOFTWARE REQUIREMENTS

- Compatible with iPhone, iPod touch, and iPad. iOS 6.0 and higher.

iOS SOFTWARE REQUIREMENTS

- Requires Android: 2.1 and higher.

INTERNET REQUIREMENTS

- Active Internet Service.

Download the Myzone 3 Home App

- You will need an account with the manufacturer of your phone to enable you to download Apps from their respective store.
- Apple — Apple App Store.
- Android—Google Play Store.
- Login to the respective store.
- To search for the Myzone 3 App type “Myzone3” into the stores search menu.
- Select and download the Myzone3 App.

Worldwide Service Registration

World Wide Service

You can only have access to the system from outside your local Wi-Fi range after you have successfully registered your system on the World Wide Service.

To register your system you must:

- Be inside the Wi-Fi area your system is connected to.
- On the App Press worldwide and then press Register Now.
- Complete all the fields making sure you get the Suburb, State and Postcode 100% correct to ensure the correct weather data is displayed on your Nexus screen (if fitted).
- The App will display all the systems/devices it finds in the Wi-Fi area and will simultaneously register all system/devices displayed. Choose a name for your system.
- You must agree to the Worldwide Terms. Once you click submit, a verification email will be sent, to complete registration, check you email and verify your account.
- Make sure you remember your password as you will need it when you login via World Wide
- When you login to World Wide there is an option to save your username and password (Login and Remember Me). We recommend you select this option to make it faster and easier to login to your system remotely.
- To reduce the data usage there may be a slight delay between changing a setting on your phone, and the system updating, when using World Wide.
- Do not use World Wide when you are in your Wi-Fi zone unless you have turned off the Wi-Fi on your smart phone or tablet.



Home Automation Integration

Myzone systems can be integrated into almost any home automation system that has an Ethernet interface, including Google Assistant, Amazon Alexa, Control 4, IFTTT, Apple HomeKit*

For interface specifications please contact Reece Pty Ltd.

Your home automation integrator will need to write suitable code to control your A/C system. This service is not provided by Reece or Myzone.



*Apple Homekit requires an Open Connection "COCB" Bridge to be compatible

Further Assistance

1. If you require assistance with design, installation or configuration of the Myzone system you can visit www.metalflex.com.au/brands/myzone or contact your nearest Reece, Actrol or Metalflex Branch.
2. To lodge a warranty claim please call Reece Customer Care – 1800 080 055.

MYzone³™

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Reece Pty Ltd
118 Burwood Highway
Burwood Victoria 3125
Australia
Tel: 1800 080 055
Made in China