

Air Advanced MZDC Multi Zone Ducted Climate



A kit provides ducted zone climate control throughout your house with individual temperature and operating controls in each zone.

OVERVIEW

Air Advanced MZDC provides multi zone ducted air heating or cooling for up to six areas in your home.

Each zone has a touch switch to provide on/off control, temperature setting and area temperature sensing.

A central Touch Screen Controller provides systems management and provides connectivity to your wireless router for smart app operation over the LAN or remote internet access.

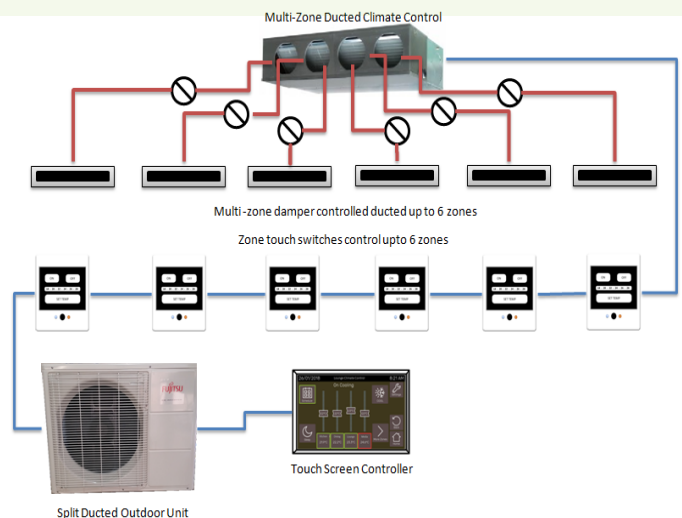


FEATURES

- Individual multi zone ducted with dynamic damper control. Up to six zones.
- 7.5" Touch screen controller for user access and system control.
- Smart device enabled over LAN and internet.
- Touch switch for zone temperature sensing and local user control.
- Uses electricity – in NZ a predominantly renewable energy – a great choice for the environment.
- Powered by heat pump technology designed for split ducted series and sized to suit.
- Whisper quiet, units operate as low as 25 to 29 decibels.

FUNCTIONS

Air Advanced MZDC is the most advanced air management system available with dampers and sensors to manage the set point of each individual area requiring either heating in the winter and or cooling in the summer. Air Advanced MZDC can run either stand alone or integrated with the Ata Touch automation system.



Ata Touch Air Advanced

| | | | | |
|-------------------------------------------------------------------------------------|----------------------------|------------|---------------|-------------|
| Electrical | Power Supply | | 1, 230, 6, 50 | Ø, V, A, HZ |
| Heat Pump Type | Powered by | | | |
| Refrigeration | Refrigerant | Type | R410A | |
| | Pipe Size (outdoor to A&W) | Liquid | 9.52 (3/8) | mm (inch) |
| | | Gas | 15.875 (5/8) | mm (inch) |
| | Pipe Size (A&W to Ducted) | Liquid | 9.52 (3/8) | mm (inch) |
| | | Gas | 15.875 (5/8) | mm (inch) |
| | Installation restrictions | Max Length | 50 to 75 | m |
| | | Max Height | 20 to 30 | m |
| | | Min Length | 5 | m |
| Charge (Ducted pre charge (3350g) upto 20m + 40g per additional meter + A&W charge) | | 200 | g | |
| COP (ave 16 to 54°C) | Heating | 3.7 | W/W | |
| Ducted Air | No. Zones | | 1 to 10 | |

Ata Touch – Energy Efficient Smart Home - Solution

| HEAT PUMP | SECURITY | FEATURES | LIGHTING | DEVICE CONTROL |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Hi-Wall split Ducted zone controlled Domestic hot water Spa pool Swimming pool Underfloor heating | Intrusion detection Smoke detection Monitored | Away shutdown mode Scheduling Realtime clock Photo frame Smart device app Graphical configuration Diagnostics | Mood lighting Night motion lighting Smart device lighting General lighting Feature lighting Garden lighting Outdoor lighting Path lighting | Extractor fan Blind Curtain Gas fire Window Gates Garage Doors Doors Water systems |

Air & Water Essential DHW is part of a holistic Energy Efficient Smart home system known as Ata Touch.

For more information

Contact Ata Touch sales@atatouch.co.nz to find out more about how to best control your home