



How to specify, install and use PIXIE with ME Split and Ducted + Smart Zone Controllers



PIXIE + ME APPS



This solution is only available when using the PIXIE PLUS app as the integration is achieved using the PIXIE Gateway and ME Wi-Fi Controller.

The ME Wi-Fi Controller must first be configured and setup using the Mitsubishi Electric Wi-Fi Control App.

Heads Up: Mitsubishi Electric systems can have a maximum of 10-12 Wi-Fi modules in a single system. These systems must first be commissioned and setup using the Mitsubishi Electric Wi-Fi Control App. Using the Wi-Fi Controller DOES NOT provide Zone Control - use the PIXIE Zone Controller to enable Zone Control.

Wi-Fi+ Bluetooth: Depending on which components are used determines the communication protocol. The ME Wi-Fi controller needs Wi-Fi whilst the PIXIE Zone controller needs only Bluetooth Mesh. The PIXIE smart home ecosystem integrates these 2 technologies seamlessly for users across protocols.

PIXIE Products



The Mitsubishi Electric Wi-Fi Controller must be installed on each split or indoor ducted unit which users would like to control from their PIXIE PLUS App.

This requires an active internet connection on site and the PIXIE Gateway must be installed onto this same IP subnet of the site network. Then, using the PIXIE App, simply scan for AC controllers.



The PIXIE Smart Zone Controller has 8 x RJ11 damper inputs suitable for 24V AC dampers only. It requires only a 24V AC power supply for operation.

It has a SPILL ZONE dipswitch, depending on the system design, and on-board testing buttons for each damper for installer testing prior to app operation.

What to tell the AC Contractor?

Ideally, electrical contractors installing PIXIE will co-ordinate with the AC Contractor to minimise on-site issues.

What they should do.

- 1) Install, test and commission the Mitsubishi Electric system components as they normally would, noting the DO NOT's in the panel adjacent to this text → → →
- 2) Supply and install the ME Wi-Fi Controller/s onto each indoor unit - splits and ceiling mount.
- 3) Provide a 24V AC power supply for the PIXIE Smart Zone Controller - if used.
- 4) Connect the 24V AC dampers into the PIXIE Smart Zone controller RJ11 inputs - if used.

What they should not do.

- 1) Do not install zone control wall panel. Install Standard On Wall Remote Control Panel only if using PIXIE Zone Controller.
- 2) Do not add Mitsubishi zone control module, if using Zone Control via PIXIE.
- 3) Do not use 240V dampers. Only use 24V AC dampers for zone control if using PIXIE Zone Controller.

Important Information: Compatible with Mitsubishi Electric Only

ME App users MUST enable "ECHONETLITE" under [Edit Unit] in ME Wi-Fi Control App
The Smart Zone Controller only operates with 24V AC dampers.
The Smart Zone Controller can be used with any 24V AC dampers for any brand of system.

ME Wi-Fi Controller:
MAC-588IF-E

PIXIE Smart Zone Controller:
PZC248N/R/BTAM