

# 10 Wiring diagrams

## 10 - 1 Wiring Diagrams - Single Phase

**FXFA-A**  
**Wiring diagram**

**Control box layout**

| Indoor unit |  | Indoor unit                 |                                    |
|-------------|--|-----------------------------|------------------------------------|
| A1P         | Printed circuit board (main)           | Z1F                         | Noise filter                       |
| C105        | Capacitor                              | PS                          | Switching power supply             |
| F1U         | Fuse (T, 3.15A, 250V)                  | Y1E                         | Electronic expansion valve         |
| HAP         | Flashing lamp (service monitor: green) | Q1R                         | Residual current device            |
| M1P         | Motor (drain pump)                     | Q1C                         | Circuit breaker                    |
| M1F         | Motor (indoor fan)                     | NE                          | Noiseless earth                    |
| R1          | Resistor                               | CN1                         | Gas sensor connector               |
| R1T         | Thermistor (air)                       | A2P                         | Printed circuit board (gas sensor) |
| R2T, R3T    | Thermistor (coil)                      | <b>Wired remote control</b> |                                    |
| S1L         | Float switch (drain pump)              | R1T                         | Thermistor (air)                   |
| V1R         | Diode bridge                           | <b>Decoration panel</b>     |                                    |
| V2R         | Igbt power module                      | M1S-M4S                     | Motor (swing blade)                |
| X7A-X901A   | Connector                              |                             |                                    |
| X1M         | Terminal block (remote controller)     |                             |                                    |
| X2M         | Terminal block (power supply)          |                             |                                    |
| Z1C         | Ferrite core                           |                             |                                    |

**NOTES**

- : terminal block, □ : connector, - : field wiring
- X24A, X33A, X35A, X38A, X39A, X40A, X81A, X801A are connected when optional accessories are being used, see wiring diagram of this accessory.

**WIRE COLOURS**  
BLK: black, RED: red, BLU: blue, WHT: white, YLW: yellow, GRN: green, BRN: brown, PNK: pink, GRY: grey, ORG: orange

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