

TROUBLESHOOTING

| Error Code | Error Content                                            | Error History Times | Error Definition and Protection   |
|------------|----------------------------------------------------------|---------------------|-----------------------------------|
| E0         | Indoor and outdoor communication failure                 | 1                   | Hardware Error                    |
| E1         | Indoor ambient temperature sensor failure                | 2                   | Hardware Error                    |
| E2         | Indoor fan coil temperature sensor failure               | 3                   | Hardware Error                    |
| E3         | Outdoor fan coil temperature sensor failure              | 4                   | Hardware Error                    |
| E4         | Abnormal system malfunction(lack of fluorine)            | 5                   | Hardware Error                    |
| E5         | Model configuration error                                | 6                   | Hardware Error                    |
| E6         | Indoor PG/DC fan failure                                 | 7                   | Hardware Error                    |
| E7         | Outdoor ambient temperature sensor failure               | 8                   | Hardware Error                    |
| E8         | Outdoor exhaust temperature sensor failure               | 9                   | Hardware Error                    |
| E9         | Outdoor IPM module failure/compressor drive failure      | 10                  | Hardware Error                    |
| EA         | Outdoor current sensor failure                           | 11                  | Hardware Error                    |
| Eb         | PCB and display screen communication Failure             | 12                  | Hardware Error                    |
| EC         | Outdoor modules Communication failure                    | 13                  | Hardware Error                    |
| EE         | Outdoor EEPROM fault                                     | 14                  | Hardware Error                    |
| EF         | Outdoor DC fan failure                                   | 15                  | Hardware Error                    |
| EH         | Outdoor suction sensor failure                           | 16                  | Hardware Error                    |
| EP         | Outdoor compressor casing top failure                    | 17                  | Hardware Error                    |
| EU         | Outdoor voltage sensor failure                           | 18                  | Hardware Error                    |
| Ej         | Outdoor central coil temperature sensor failure          | 30                  | Hardware Error                    |
| En         | Outdoor air pipe temperature sensor failure              | 31                  | Hardware Error                    |
| Ey         | Outdoor liquid pipe temperature sensor failure           | 32                  | Hardware Error                    |
| pO         | IPM module protection                                    | 19                  | Others Error                      |
| P1         | Overvoltage and under voltage protection                 | 20                  | Others Error                      |
| P2         | Overcurrent protection                                   | 21                  | Others Error                      |
| P3         | Other protections                                        | 22                  | Others Error                      |
| P4         | Protection against excessive outdoor exhaust temperature | 23                  | Others Error                      |
| P5         | Cooling protection against over cooling                  | 24                  | Others Error                      |
| P6         | Cooling and anti-over heating protection                 | 25                  | Others Error                      |
| P7         | Heating and anti-over heating protection                 | 26                  | Others Error                      |
| p8         | Protection against high or low outdoor temperature       | 27                  | Remote control display adjustment |
| P9         | Compressor drive protection (abnormal load)              | 28                  | Others Error                      |
| pA         | Communication failure/mode conflict                      | 29                  | Others Error                      |
| F0         | Infrared human sensing sensor failure                    | 33                  | Remote control display adjustment |

| Error Code | Error Content                                                                  | Error History Times | Error Definition and Protection   |
|------------|--------------------------------------------------------------------------------|---------------------|-----------------------------------|
| F1         | Battery module failure                                                         | 34                  | Remote control display adjustment |
| F2         | Exhaust temperature sensor failure protection                                  | 35                  | Others Error                      |
| F3         | Failure protection of outer tube temperature sensor                            | 36                  | Others Error                      |
| F4         | Abnormal protection of refrigerant circulation                                 | 37                  | Others Error                      |
| F5         | PFC protection                                                                 | 38                  | Others Error                      |
| F6         | Compressor missing/reverse phase protection                                    | 39                  | Others Error                      |
| F7         | Module temperature protection                                                  | 40                  | Others Error                      |
| F8         | Abnormal commutation of four-way valve                                         | 41                  | Others Error                      |
| F9         | Module temperature sensor circuit malfunction                                  | 42                  | Hardware Error                    |
| FA         | Compressor phase current detection fault                                       | 43                  | Hardware Error                    |
| Fb         | Cooling and heating overload protection limit frequency reduction              | 44                  | Remote control display adjustment |
| FC         | High power protection limit/frequency reduction                                | 45                  | Remote control display adjustment |
| FE         | Module current (compressor phase current) protection limit/frequency reduction | 46                  | Remote control display adjustment |
| FF         | Module temperature protection limit/frequency reduction                        | 47                  | Remote control display adjustment |
| FH         | Drive protection limit/frequency reduction                                     | 48                  | Remote control display adjustment |
| FP         | Anti-condensation protection limit/frequency reduction                         | 49                  | Remote control display adjustment |
| FU         | Anti-freezing protection limit/frequency reduction                             | 50                  | Remote control display adjustment |
| Fj         | Exhaust protection limit/frequency reduction                                   | 51                  | Remote control display adjustment |
| Fn         | External AC current protection limit/frequency reduction                       | 52                  | Remote control display adjustment |
| Fy         | Fluorine deficiency protection                                                 | 53                  | Others Error                      |
| H1         | High pressure switch malfunction                                               | 54                  | Hardware Error                    |
| H2         | Low pressure switch malfunction                                                | 55                  | Hardware Error                    |
| bf         | TVOC sensor failure                                                            | 56                  | Remote control display adjustment |
| bc         | PM2.5 sensor failure                                                           | 57                  | Remote control display adjustment |
| bj         | Humidity sensor failure                                                        | 58                  | Remote control display adjustment |
| bE         | CO2 sensor malfunction                                                         | 59                  | Hardware Error                    |
| bd         | Fresh air fan failure                                                          | 60                  | Hardware Error                    |
| d4         | Water full protection                                                          | 61                  | Others Error                      |
| d5         | Access control protection                                                      | 62                  | Hardware Error                    |