

| Malfunction status sheet | | |
|--|--|------------|
| Malfunction name | Malfunction type | Nixie tube |
| Zero cross detection circuit malfunction | Hardware malfunction | U8 |
| Malfunction protection of jumper cap | Hardware malfunction | C5 |
| Feedback of without IDU motor | Hardware malfunction | H6 |
| Indoor ambient temperature sensor is open/short circuited | Hardware malfunction | F1 |
| Indoor evaporator temperature sensor is open/short circuited | Hardware malfunction | F2 |
| Liquid valve temperature sensor is open/short circuited | Hardware malfunction | b5 |
| Gas valve temperature sensor is open/short circuited | Hardware malfunction | b7 |
| Modular temperature sensor is open/short circuited | Hardware malfunction | P7 |
| Outdoor ambient temperature sensor is open/short circuited | Hardware malfunction | F3 |
| Outdoor condenser middle pipe temperature sensor is open/short circuited | Hardware malfunction | F4 |
| Outdoor discharge temperature sensor is open/short circuited | Hardware malfunction | F5 |
| Communication malfunction | Hardware malfunction | E6 |
| Malfunction of phase current detection circuit for compressor | Hardware malfunction | U1 |
| Compressor demagnetization protection | Viewing malfunction code through remote controller within 200s; displayed directly on nixietube after 200s | HE |
| Malfunction of voltage dropping for DC bus-bar | | U3 |
| Module high temperature protection | | P8 |
| Refrigerant lacking or blockage protection of system (not available for residential ODU) | | F0 |
| Charging malfunction of capacitor | Hardware malfunction | PU |
| High pressure protection of system | Hardware malfunction | E1 |
| Low pressure protection of system (reserved) | Hardware malfunction | E3 |

Model:

AM2O_5OHRDC1A

Error codes list



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|---|--|----|
| Compressor overload protection | Viewing malfunction code through remote controller within 200s; displayed directly on nixietube after 200s | H3 |
| Indoor unit and outdoor unit do not match | Hardware malfunction | LP |
| Malfunction of memory chip | Hardware malfunction | EE |
| Wrong connection of communication wire or malfunction of electronic expansion valve | Hardware malfunction | dn |
| Malfunction of complete units current detection | Hardware malfunction | U5 |
| Malfunction protection of outdoor fan 1 | Hardware malfunction | L3 |
| Detection status of wrong connection of communication wire or malfunction of electronic expansion valve | Operation status | dd |
| Mode conflict | Operation status | E7 |
| Refrigerant recycling mode | Operation status | Fo |
| X-fan | Operation status | AL |
| Defrosting or oil return in heating mode | Operation status | H1 |
| Start failure of compressor | Viewing malfunction code through remote controller within 200s; displayed directly on nixietube after 200s | Lc |
| High discharge temperature protection of compressor | | E4 |
| Overload protection | | E8 |
| Whole unit overcurrent protection | | E5 |
| Compressor phase current protection | | P5 |
| Compressor desynchronizing | | H7 |
| Compressor phase-lacking/phase-inverse protection | | Ld |
| IPM modular protection | | H5 |
| DC bus-bar low voltage protection | | PL |
| DC bus-bar high voltage protection | | PH |
| PFC protection | | HC |
| The four-way valve is abnormal | | U7 |

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