

UK TYPE EXAMINATION CERTIFICATE

Radio Equipment Regulations 2017 (as amended)



Certificate Number AB2906.2024.000110
Project Number GZ-CERT241204661

Product Model Number(s) AV-TTW6-W
Brand/Trade Name AIRWOODS
Product Type Single room heat recovery ventilator

Manufacturer GUANGZHOU AIRWOODS
ENVIRONMENT
TECHNOLOGY CO., LTD
Address Room2101, No.25 Headquarter Center,
Tian An Ecological Park,
No.555 Panyudadao North Road,
Panyu District, Guangzhou,
China (511400)

Essential Requirements	Results
Regulation 6.1(a) - Health	Conforms
Regulation 6.1(a) - Safety	Conforms
Regulation 6.1(b) - EMC	Conforms
Regulation 6.2 - Radio Spectrum	Conforms

Technical Documentation: GZ-CERT241204661-01

Based upon an examination of the Technical Documentation and supporting evidence, the above listed equipment was found to conform with those essential requirements of the Radio Equipment Regulation 2017 (SI 2017/1206) as noted above.

This certificate is issued for only the equipment mentioned above and is subject to the conditions and restrictions listed in the Annex. This type examination certification is issued under Schedule B of the Radio Equipment Regulation 2017 (SI 2017/1206), applying the Approved Body Identification Number adjacent to the UKCA Marking is NOT permitted. No changes/modifications to the equipment which would require a re-assessment are allowed - any such change will invalidate this type examination certificate.

This certificate is valid for 5 years from the date of issue unless changes/modifications have been made to the applied standard(s) or assesses type of equipment.

Authorized By:  Certificate Issue Date
January 15, 2025

Sen Lv
Certifier

AB2906



This certificate is issued by the company under its General Conditions for Certification Services accessible at <https://www.sgs.com/en/terms-and-conditions>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this Certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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ESSENTIAL REQUIREMENTS

Regulation 6.1(a) - Health
Regulation 6.1(a) - Safety

Regulation 6.1(b) - EMC

Regulation 6.2 - Spectrum

APPLIED STANDARD(S)

EN IEC 62311: 2020
EN 60335-1: 2012 +A11:2014 +A13:2017
+A1:2019 +A14:2019 +A2:2019 +A15:2021
EN 60335-2-80:2003+A1:2004+A2:2009
EN 62233:2008
EN IEC 55014-1: 2021
EN IEC 55014-2: 2021
EN IEC 61000-3-2:2019+A1:2021
EN 61000-3-3:2013+A1:2019+A2:2021
EN 301 489-1 V2.2.3
EN 301 489-3 V2.3.2
EN 301 489-17 V3.3.1
EN 300 328 V2.2.2
EN 300 220-1 V3.1.1
EN 300 220-2 V3.2.1

PRODUCT TECHNICAL DETAILS

Model Number(s) AV-TTW6-W, AV-TTW6, AV-TTW6/1, AV-TTW6/2, AV-TTW6/3, AV-TTW6/H1, AV-TTW6/H2, AV-TTW6/H3, AV-TTW6/F1, AV-TTW6/F2, AV-TTW6/F3, AV-TTW6-W1, AV-TTW6-W2, AV-TTW6-W3, AV-TTW6-WH1, AV-TTW6-WH2, AV-TTW6-WH3, AV-TTW6-WF1, AV-TTW6-WF2, AV-TTW6-WF3

HW Version: AV-TTW6-W

SW Version: AV-TTW6-W

EQUIPMENT DETAIL

Radio	Frequency range (MHz)	Antenna Type	Modulation	Transmit Power
433.92MHz Transmitter	433.92	Note 1	GFSK	-9.07dBm ERP
433.92MHz Transceiver	433.92	Note 1	GFSK	-33.28dBm ERP
802.11b/g/n(20MHz)	2412-2472	Note 2	DSSS, OFDM	17.61 dBm EIRP
Bluetooth LE	2402-2480	Note 2	GFSK	7.61 dBm EIRP

- Notes
- 1) Integral Antenna, 3.0dBi gain
 - 2) Integral Antenna, 2.5dBi gain

MODEL DIFFERENCE DESCRIPTION

Model Numbers:AV-TTW6-W, AV-TTW6, AV-TTW6/1, AV-TTW6/2, AV-TTW6/3, AV-TTW6/H1, AV-TTW6/H2, AV-TTW6/H3, AV-TTW6/F1, AV-TTW6/F2, AV-TTW6/F3, AV-TTW6-W1, AV-TTW6-W2, AV-TTW6-W3, AV-TTW6-WH1, AV-TTW6-WH2, AV-TTW6-WH3, AV-TTW6-WF1, AV-TTW6-WF2, AV-TTW6-WF3

Above models are identical on circuitry design, PCB layout, electrical components used, internal wiring and functions, only difference on appearance and colour.

CONDITIONS/RESTRICTIONS

The following conditions and restrictions apply:

- 1) None