

Technical Specifications **AurAir Aero 1**

PLATFORM		AurAir
GENERAL		
MODEL	AurAir A1	
DIMENSIONS (LxWxH)	138.6mm x 54.1mm x 77.4mm	
WEIGHT	186 grams	
POWER INPUT/OUTPUT	230VAC, 50Hz	
MAXIMUM LOAD	3500W	
POWER USAGE	1.5W (idle) ~ 4W (Max)	
OPERATING TEMPERATURE	Range: 0 ~ 50 degrees C	
RELATIVE HUMIDITY	Range: 0 ~ 100 %RH (NOT suitable for wet areas!)	
SOCKET	Type F	
PLUG	Type F (Hybrid)	
IP CLASS	IP40	
FEATURES		
INTERFACES	WiFi 802.11 b/g/n	
FREQUENCY BAND	2.4 GHz	
LEDS (INTERNAL)	Red: Solid when user AC socket is powered; Blue: blinks when unit is connected and associated to an WiFi network	
CONTROLS	3 Push Buttons for display, graph and settings	
ANTENNA	Internal	
LOCKING MECHANISM	Kensington Security Slot	
SENSORS		
PARTICULATE MATTER	Mass concentration range: 0 ~ 1.000 µg/m ³ Mass concentration accuracy: 0 ~ 100 µg/m ³ : ±10 µg/m ³ 100 ~ 1.000 µg/m ³ : ±10 % Mass concentration resolution: 1 µg/m ³ Mass concentration size range: PM1.0: 0.3 ~ 1.0 µm PM2.5: 0.3 ~ 2.5 µm PM4: 0.3 ~ 4.0 µm PM10: 0.3 ~ 10.0 µm	
TEMPERATURE	Range: 0 ~ 65 degrees C, Accuracy: ±1 C	
HUMIDITY	Range: 0 ~ 100 %RH, Accuracy: ±3% RH	
PRESSURE	Range: 300 ~ 1100 hPa, Accuracy: ±1 hPa	
VOLATILE ORGANIC COMPONENTS	Range: 0 ~ 500 IAQ, Accuracy: ±15 IAQ	
NETWORKING & SECURITY		
WiFi DATA RATE	150Mbps (max)	
TRANSMIT POWER	+20.5dBm (802.11b); +18dBm (802.11n)	
RECEIVER SENSITIVITY	Automatic Gain Control (AGC)	
ADMIN SECURITY	Website Digest Password Protected	
OVERLOAD PROTECTION	1A/230VAC Fuse protection for PCB and sensors	
TEMPERATURE PROTECTION	Temperature fuse	
CERTIFICATIONS		
RoHS	Compliant according to the EU Directive 2011/65/EC	
CE	Compliant according to the EU Directive 2008/768/EC	

PART NUMBERS	DESCRIPTION
AAAIFNL	AurAir Model A1 with type F Socket and type F Hybrid Plug