

Technical Specifications **AurAir Pro 1**

PLATFORM	AurAir
GENERAL	
MODEL	AurAir P1
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
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 a WiFi network
CONTROLS	3 Push Buttons for display, graph and settings
ANTENNA	Internal
LOCKING MECHANISM	Kensington Security Slot
SENSORS	
CO2	NDIR Infrared gas module, range: 400 ~ 10.000 ppm Accuracy: $\pm 70\text{ppm} + 3\%$ reading value Warmup/startup time: 0 seconds Automatic calibration based on lowest value in 8 days
TEMPERATURE	Range: 0 ~ 65 degrees C, Accuracy: ± 1 C
HUMIDITY	Range: 0 ~ 100 %RH, Accuracy: $\pm 3\%$ 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	
AAP1FNL	AurAir Model P1 with type F Socket and type F Plug

