

# Technical Specifications **AurAir Base 2**

## PLATFORM

AurAir

### GENERAL

MODEL	AurAir B2
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 ~ 5000 ppm Accuracy: $\pm 50\text{ppm} + 5\%$ reading value Warmup/startup time: 180 seconds Automatic calibration based on lowest value in 24 hours
TEMPERATURE	Range: 0 ~ 65 degrees C, Accuracy: $\pm 1$ C
HUMIDITY	Range: 0 ~ 100 %RH, Accuracy: $\pm 3\%$ RH
PRESSURE	Range: 300 ~ 1100 hPa, Accuracy: $\pm 1$ hPa

### 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

AAB2FNL

AurAir Model B2 with type F Socket and type F Plug

