Codes

COLORS	EAN	SKU	PLUG TYPE
	8054314920938	ET00AA00_A	Type A
	8054314920945	ET00AA00_C	Type C
	8054314920952	ET00AA00_G	Type G
	8054314920969	ET00AA00_I	Type I
WHITE	8054314921058	ET00AC00	
	8054314920891	ET00AA01_A	Type A
	8054314920907	ET00AA01_C	Type C
	8054314920914	ET00AA01_G	Type G
	8054314920921	ET00AA01_I	Type I
BLACK	8054314921065	ET00AC01	
	HTS/CUSTOMS CODE	8421392590	

Depending on what you have purchased, you will find in the package one or more of the following components.
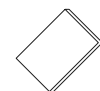
① Air purifier "ETE AP"
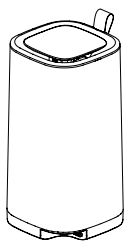
② Air quality monitor "ETE AM"

③ Power supply USB-C

④ Setup-guide

Functions

① Diffused air quality monitoring

② Two-step purification system

③ It works with Google Assistant and Amazon Alexa

④ Different and adjustable fan speed modes

⑤ Real-time and remote control with the Vitesy Hub app

⑥ Charts reports, chronology of air quality, mapping of the environment

⑦ Air quality module – air purifier magnetic pairing

⑧ Air quality feedback with LED signaling

Specification

AIR PURIFICATION

See detailed **Test Report** on our website by clicking on the following link: *https://vitesy.com/research*

AIR QUALITY MODULE SENSORS

→ Temperature accuracy
Higher than ± 0.1°C
→ Humidity Accuracy
±3.5%RH at 20 ~ 80%RH / ±5.0%RH at 0 ~ 100%RH
→ VOCs gas range::
0 ppb ~ 6000 ppb of TVOC
→ CO_2 equivalent

CONNECTIVITY

AIR QUALITY MODULE B2C
→ Wi-Fi 802.11 b/g/n compatible (2.4GHz)
Supported security: Open/WEP/WPA/WPA2-personal (TKIP e AES)/WPA/WPA2-enterprise (contact support for compatible authentication methods)
→ Bluetooth Low Energy (BLE)

ELECTRICAL SPECIFICATION

→ Power supply: USB type-C, 5Vdc, 2.0A or 2.1A, 10.0W or 10.5W exit.
→ Voltage on the board: in addition to the + 5V provided by the USB-C, two other voltages will be generated on the main board, 3.3V and 1.8V, respectively for MCU + radio modules and sensors. On the air purifier board a voltage of + 12V will be generated to power the fan and LED.
→ Absorption: case of realistic use with everything in action it will be less than 1.3A.
→ Power: In the same condition described in the previous point, the system consumes a power of about 7.5W
→ Ratings: module ETE AM: 5Vdc, 0.3A, 1.5W
          module ETE AP: 5Vdc, 1.0A, 5W;
→ Power Supply through USB port *(cable not supplied)*: in order to use this function, it is necessary that the USB port power delivery isn't limited by negotiation rules, otherwise the electrical current won't be powerful enough. In addition, depending on the type of USB port, only some of the device settings may be useable - details below (in order of power consumption):

→ "Silence" and "Off" modes can be managed with port types USB 1.0 or higher.
→ "Standard" mode can be managed with port types USB 3.0 or higher.
→ "Performance" mode can be managed with port types USB-C, USB 3.1 or higher or USB 3.0 charging.

MATERIALS

→ Air purifier: ABS recycled Chemiran
→ Air quality module: ABS recycled Chemiran
→ Filter: ceramic, treated with tungsten trioxide, washable
→ Pre-filter: 3D warp-knit fabric, 100% polyester, washable

LEDS LIGHT

ACTIVATION OF PHOTOCATALYTIC FILTER:
→ 4 polarized LED lights at 15mA of current, 6.5 lumens of maximum brightness (for single led), peak wavelength is 450nm.
AIR QUALITY MODULE LIGHTS:
→ LEDs light: 155124M173200

CONNECTORS

→ Magnetic connector: 4pin, HTP-CON-M417
→ Pogo pin: Spring-loaded Pin with a Standard Tail - 0908-0-15-20-75-14-11-0
→ USB-C - UJC-HP-3-SMT-TR

DIMENSIONS AND WEIGHT

Height: 245 mm
Length: 162 mm
Weight: 1 Kg

APP VITESY HUB

→ Languages: English - Italian - German - Spanish - French
→ iOS requirements: 14.0 minimum required, compatible with iPhone, iPad, and iPod touch
→ Android requirements: OS version 6.0 or higher
→ Device connection B2C + small office: each module connects to WiFi through a simplified flow by Bluetooth connectivity

REGULATORY

In conformity with the essential requirements of the following EU Directive or other normative documents. This declaration is based on the full compliance of the products with the following European standards:

EMC Standards:
- EN 55014-1:2017 + A11
- EN 55014-2:2015
- EN IEC 61000-3-2:2019
- EN 61000-3-3:2013 + A1

Safety Standards:
- EN 62233:2008
- EN 60335-1:2012 + AC:2014 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + A2:2019
- EN 60335-2-65:2003 +A1:2008 + A11:2012
- IEC 60335-2-65:2002 + C1:2004 + A1: 2008 + A2: 2015 (Second Edition) in conjunction with IEC 60335- 1:2010 (Fifth Edition) incl. C1:2010 + C2:2011 + A1:2013 + C1 2014 + A2 2016 + C1 2016

- RoHS Directive (EU) 2015/863 amending Annex II to Directive (2011/65/EU)
- REACH Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH")

In accordance with the following Directive(s):
- 2014/30/EU (EMC – Electromagnetic Compatibility)
- 2014/35/EU (LVD – Low Voltage Directive)
- 2014/53/EU (RED – Radio Emission Directive)

This equipment has been tested and found to comply with:
- Fans and Ventilators [CSA C22.2#113:2018 Ed.11]
- Electric Fans [UL 507:2017 Ed.10+R:27May2020]
- FCC [CFR 47 part 15 subpart B]

Operating Instructions

INTENDED APPLICATION ENVIRONMENTS

Eteria can be placed in every indoor environment. Don't place it on the floor, near heat sources, or in rooms with high levels of humidity. We recommend to place it at least 30cm from the wall.

POWER SUPPLY BY CABLE

The monitoring modules are powered by cable: make sure to place each module near an electrical outlet, in order to ensure proper functioning and continuous monitoring of the air quality. The air purifier is not powered by cable, you need to activate it by pairing it with the *Air Quality Module*.

DON'T OBSTRUCT THE AIR FLOW

Don't place Eteria in a corner or near objects that may interfere with its air flow, both in and out.

ROOM INSULATION

We recommend closing the windows and the doors during operation in order to avoid polluted air coming in and clean air going out.

POSITIONING – MAXIMUM AIR FLOW

Eteria is a personal purifier designed to be used close to the user. It can provide a maximum air flow of 34 m3/h. In order to make desk placement simpler for computer workers, the product can also be powered though an USB port (see dedicated section "Electrical Specification" for more information on this topic).

245

20

75

162