

NATURAL AIR PURIFIER AND MONITORING SYSTEM

Designed and manufactured in Italy, Natede Smart is the first air purification and monitoring system that combines the power of plants, called phyto-purification, with the latest generation of photocatalytic technology. Natede Smart combines nature, technology and design. It captures and eliminates VOCs (Volatile Organic Compounds), viruses, odors, and bacteria from your indoor spaces. It analyzes the quality of the indoor air you breathe in real-time and you can monitor the data through the Vitesy Hub app.

**BOOST THE POWER OF PLANTS**

Thanks to phytoremediation, living plants can accumulate and render harmless contaminants in soils, water, or air. Natede Smart boosts the natural phytoremediation power of plants to eliminate pollutants from the air indoors.

NO FILTER REPLACEMENT

Natede Smart is equipped with a photocatalytic filter. Thanks to a natural process, it captures and decomposes VOCs, viruses, odors, and bacteria. The filter doesn't need to be replaced; just wash it under running water about every 2 months, being careful to handle it only with clean gloves.

EQUIPPED WITH TOP-NOTCH SENSORS

Natede Smart features the most advanced sensors that accurately measure temperature and humidity, as well as Volatile Organic Compounds (VOCs), fine particulates (PM2.5), and carbon dioxide (CO₂).

REAL-TIME MONITORING

The free mobile app Vitesy Hub, shows real-time monitoring of the IAQ (Internal Air Quality). You can remotely manage the operation of Natede Smart, choosing from 6 different modes (Automatic, Standard, Performance, Silent, Custom or Timer).

IOT READY

Natede Smart can connect to other smart home devices, and it is compatible with Amazon Alexa and Google Assistant. Easily interact with your smart assistant through voice commands to control your Natede Smart and the values of your air.

EASY INTERACTION

Natede Smart features a proximity sensor that allows you to turn it on or off by simply moving your hand close to it. Natede Smart has a bright heart that beats flat or fast depending on the level of your indoor air quality. When it features a fixed light, you know you're breathing excellent air.

SELF-WATERING

Natede Smart features a self-watering system that helps to further reduce water consumption. Its water tank can bring water to the plant for about a month.

MADE IN ITALY AND GREEN

Natede Smart is made in Italy with recycled plastic. The product has been designed to be easily recyclable; all parts are interlocking and assembled without any glue.

Functions

- ① Indoor air quality monitoring
- ② Natural air purification
- ③ Works with Google Assistant and Amazon Alexa
- ④ Six adjustable fan speed modes
- ⑤ Remote control with the app Vitesy Hub
- ⑥ Indoor air quality charts and chronology
- ⑦ Touchless gesture interaction
- ⑧ IAQ feedback with LED signal

Codes → TARIC: 8421392590

COLORS



WHITE

EAN

8054314920815
8054314920822
8054314920839

COMMERCIAL CODE

NTD1
NTD1
NTD1

PLUG TYPE

Plug A
Plug G-I
Plug C

What's in the box

① Outer pot



② Ceramic filter



③ Water Tank



④ Base with tech unit



⑤ Expanded Clay



⑥ Power Supply



⑦ Setup Guide



N.B Plant is not included

Specification

AIR PURIFICATION

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

A plant in Natede is equivalent to the action of about 7 plants in common pots in terms of air purification.

SENSORS

- Temperature Accuracy: Higher than $\pm 0.1^{\circ}\text{C}$
- Humidity Accuracy: $\pm 3.5\%\text{RH}$ at $20 \sim 80\%\text{RH}$ / $\pm 5.0\%\text{RH}$ at $0 \sim 100\%\text{RH}$
- VOC Gas range: 0 ppb \sim 6000 ppb of TVOC
- PM 2.5
- Detectable particle size: $> 0.85 \mu\text{m}$
- Concentration : $300 \mu\text{g}/\text{m}^3$
- Count : 8,000 pcs / 283ml
- CO₂: equivalent

ELECTRICAL SPECIFICATION

- Power supply: 100-240 Vac; 50-60 Hz
- Output Voltage: 12 Vdc
- Absorption: average consumption 500mA (depends on the mode of use), maximum consumption 1.5 A
- Power: 18 W

MATERIALS

- Plastic Parts: ABS recycled Chemiran and PC Makrolon
- Base: XL EXTRALIGHT® Organix 3.0, super-lightweight foam made 30% by the use of waste/circular by-products
- Filter: ceramic, treated with tungsten trioxide, washable

LEDs

- Photocatalytic filter quantity: 4 polarized at 15mA of current, 6.5 lumens of maximum light intensity (for a single LED), peak wavelength is 450nm
- Interaction LED
- Colour temperature: Min. - Typical 6.000 K (cold white)
- Luminous intensity: 6.000 mcd (for single led).

DIMENSIONS AND WEIGHT

- Height: 252 mm; 9.9 in Width: 271 mm; 10.7 in
- Length: 264 mm; 10.4 in Weight: 2.8 Kg; 6.2 lb
- Inner pot diameter: 159 mm; 6.3 in
- Inner pot height: 100 mm; 3.9 in
- Water tank capacity: 1.000 ml
- Cable length: 1500 mm; 59 in

CONNECTIVITY

- Wi-Fi 802.11 b/g/n compatible (2.4GHz)
- Supported security: Open/WEP/WPA/WPA2-personal (TKIP and AES)/WPA/WPA2-enterprise (contact support for compatible authentication methods)
- Bluetooth Low Energy (BLE)
- Managed only on project:
- 5 GHz WiFi router
- Networks requiring proxy authentication
- Login portals
- Managed login networks

REQUIREMENTS

- Strong Wi-Fi connection
- Download Vitesy Hub app for free
- Available on the App Store and on Google Play Store

APP VITESY HUB

- Languages: English - Italian - German - Spanish - French
- Requirements iOS 14.0 minimum required, compatible with iPhone, iPad, and iPod touch
- Android 6.0 minimum required
- Connected device
- Unlimited devices can connect to one Natede Smart.
- Unlimited Natede Smart can be controlled from one app account

WARRANTY

- Limited 2 years warranty
- For assistance, contact us at www.vitesy.com/contact

CERTIFICATIONS

- 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

- 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")

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

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

PLACEMENT

Natede Smart can be placed on the floor, on a table or on any available elevated surface. Make sure you have an electrical outlet nearby to ensure the connection and operation of the device.

DO NOT OBSTRUCT THE AIRFLOW

Do not place Natede Smart in a corner, or next to objects that can interfere with its airflow.

ROOM ISOLATION

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

SIZING

To ensure the best results we recommend to place a Natede Smart every 12-20 square meters.

Logistics → Packaging dimensions and weight

RETAIL PACKAGING

Dimensions: 265 x 275 x 265 mm; 10.4 x 10.8 x 10.4 in
Total weight: 3.9 Kg; 8.6 lb

EPAL 1 WITH RETAIL PACKAGING

Dimensions: 1200 x 800 x 1784 mm; 47.2 x 31.5 x 70.2 in
Total weight: 210 Kg; 462.1 lb
Total boxes: 48

EPAL 2 WITH RETAIL PACKAGING

Dimensions: 1200 x 1000 x 1802 mm; 47.2 x 39.3 x 70.9 in
Total weight: 316 Kg; 696.6 lb
Total boxes: 72

SHIPPING PACKAGING

Dimensions: 330 x 330 x 330 mm; 12.9 x 12.9 x 12.9 in
Total weight: 4.7 Kg; 10.4 lb

EPAL 1 WITH SHIPPING PACKAGING

Dimensions: 1200 x 800 x 1844 mm; 47.2 x 31.5 x 72.5 in
Total weight: 164 Kg; 361.5 lb
Total boxes: 30