

ENGINEERING DATA

air+health

Model: Skye

Air Purifier

**INNOVATIVE
BIoANALYSIS**
creating solutions | getting results

**99.99%
Reduction
of COVID-19 virus***



Meets California ozone emissions limit: CARB certified



MODEL	PART NUMBER
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Skye Portable	602606300
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REPLACEMENT PARTS

Description	Part Number
Filter Rplcmt, Skye Portable	602606500
Lamp Rplcmt, Skye Portable	602606400

LOGISTICS

Net Weight: 20 lbs (9.07 kgs)
 Net Dimensions: 26" x 11.4" x 11.3" (L x W x H)
 (L 660.4 x W 289.56 x H 287.02mm)
 Package Dimensions: 30" x 15" x 15" (L x W x H)
 (L 762 x W 381 x H 381mm)
 Cord length: 6 ft (1.8m)
 Warranty: 1 year

CONSTRUCTION

ABS

CERTIFICATIONS

cULus Listed: E519261
 Conforms to UL STD 507
 cUL Certified to CSA STD C22.2
 No. 187 2020 Ed.5
 Ozone Test: UL 867 5th Ed Aug 2018
 AHAM Verified: 293 Smoke CADR
 Energy Star: Meets Energy Star E1
 CARB: G-21-300
 Prop. 65 Compliant

air+health

Air Health
 2630 Airport Road
 Kinston, NC 28504

252 522-3031
 Fax: 1 (800) 367-7942

Visit us at: www.airhealth.com

FEATURES

- Smart UVC, HEPA, PCO Portable Air Purifier with patented PRO-Cell technology for cleaner and fresher air than any other purifier on the market
- H13 HEPA filter - Removes >99.97% of 0.3micron particles such as dust, smoke, pollen and particles down to 0.1 microns
- Powerful UVC - Highest UVC in it's Class to neutralize bacteria¹, viruses², and fungi³
- Patented PRO-Cell technology - Photo-reactive Oxidation process breaks down toxic VOCs (Volatile Organic Compounds) like Formaldehyde and Benzene into safe CO₂ and H₂O vapors
- Air Quality Monitoring – Laser particle sensor for PM measurement and extremely high sensitivity MOX type VOC sensor to measure volatile organic gases, as well as some inorganic gases like carbon monoxide, ammonia, and hydrogen
- Color coded IAQ indicator allows for quick view of air quality
- iOS and Android App allows for controlling and monitoring from anywhere, and advanced features such as scheduling, timers, home automation, and fleet management
- Voice control through Amazon Alexa or Google Assistant
- Safety features - Automatic safety switches power off unit if filter panel or inlet panel removed

ELECTRICAL

Rated Voltage: 120V ±10%
 Frequency: 60Hz
 Power: 100W
 Current: 0.83Amp
 Energy Efficiency: 3.1 (CFM/W)

UV-C LAMPS

Number of lamps: 1(dual tube)
 Wattage: 14W
 Material: Quartz Glass
 Intensity: >37 (µW/cm²@1m)
 Lamp Life: 8000 hrs. of operation

MOTOR

Type: DC
 Max rating: 70W
 Temperature Rating: 130°C
 Efficiency ratings: 70%
 Safety Certifications: UL

MODES

Auto mode: Monitors IAQ according to PM and iVOC
 Manual Mode: Fixed Speed
 Interface: Rotate and press dial

OPERATION

For indoor use only
 Operation environment: 0 -104F (0-40C), 20-90% humidity
 11 Speeds, including Ludicrous
 Touch control
 Noise: 59 dB(A) for high speed (perssure level)

IAQ MONITORING

Proprietary IAQ algorithm used to calculate a in real-time IAQ score based on multiple PM and VOC readings

MOBILE APP

iOS and Android

FILTERS

All-in-One PRO-Cell Filter: Pre-Filter, HEPA, Carbon, PCO
 Pre-Filter: Not cleanable
 Particulate filter: H13 HEPA
 Particulate Capture: >99.97% @ 0.3- micron particles
 Carbon: activated carbon
 PRO-Cell: TiO₂ coating
 Filter Life:
 2000 hrs. of operation, fan spd 10
 Recommend Replacement every 6 months of operation.

1. 99.63% reduction of Bacillus Subtilis, 99.92% reduction of Clostridium sporogenes.
 2. 99.99% reduction of COVID-19 pathogen, active SARS-CoV-2 virus
 3. >99.99% reduction of Aspergillus Brasiliensis in 60 mins

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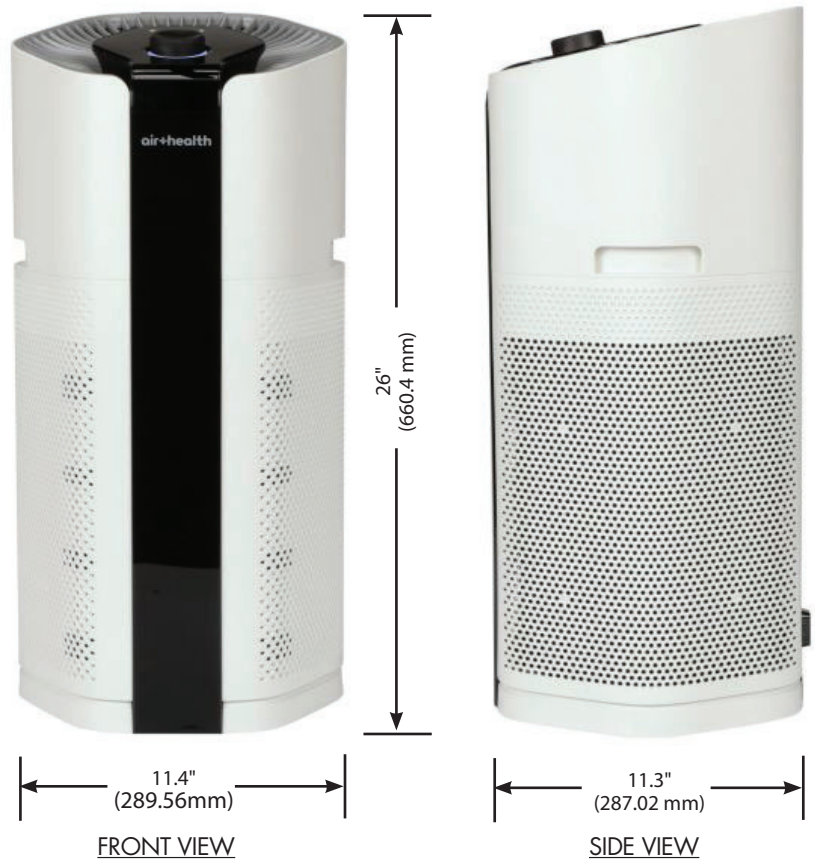
FAN SPEED INFORMATION

	CADR	CFM	Noise Level dB(A)	Power
FAN SPEED 1	80 ft ³ /m (136 m ³ /h)	118 ft ³ /m (200 m ³ /h)	21	20 ± 5W
FAN SPEED 6	181 ft ³ /m (308 m ³ /h)	266 ft ³ /m (452 m ³ /h)	46	67 ± 5W
FAN SPEED 7	200 ft ³ /m (340 m ³ /h)	294 ft ³ /m (500 m ³ /h)	49	78 ± 5W
FAN SPEED 8	230 ft ³ /m (391 m ³ /h)	338 ft ³ /m (574 m ³ /h)	52	86 ± 5W
FAN SPEED 9	260 ft ³ /m (442 m ³ /h)	382 ft ³ /m (649 m ³ /h)	56	97 ± 5W
FAN SPEED 10	280 ft ³ /m (476 m ³ /h)	412 ft ³ /m (699 m ³ /h)	59	105 ± 5W
LUDICROUS	293 ft ³ /m (498 m ³ /h)	431 ft ³ /m (732 m ³ /h)	60	111 ± 5W

EXPLODED DETAIL VIEW



PRODUCT VIEWS AND GENERAL DIMENSIONS



IAQ - AIR QUALITY INDICATOR

PROJECT INFORMATION

Quoted by:	Date:
Project:	Remarks:
Quantity:	
Model:	
Site:	
Architect:	
Engineer:	
Contractor:	

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