



# GENERATION Z & GENERATION Z ULTRA

UVc Chamber

Photocatalyst Technology

Hepa 13/14 Filter



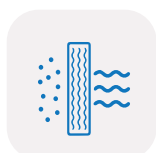


## Generation Z

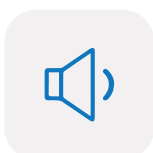
Say hello to the Generation Z air purifier. It contains Mars Purifier's 6 stage world-leading filter technology and is designed for rooms up to 230 m<sup>2</sup>. Place it wherever you want, plug it in, and breathe perfectly clean air 24/7.

The Generation Z Air Purifier is the nuclear weapon of air purification systems. While capable of producing extremely high CADR's, this gentle giant is also able to run at lower speeds near silently. At the same time, its notable presence, like a nuclear deterrent, provides all those around it with the confidence you have an actual medical grade machine keeping them safe!

## Features



6 Stage  
Filtration



Low  
Noise



Remote  
Control



LED Touch  
Screen And  
Display



Child Friendly  
And Child  
Lock



Smart  
Sensor

## Generation Z

Existing air purifiers only have either HEPA filter or ION technology. Mars purifier COMBINES HEPA filter and ION technology along with UVC technology not only absorbs particles but can also KILL airborne VIRUSES.

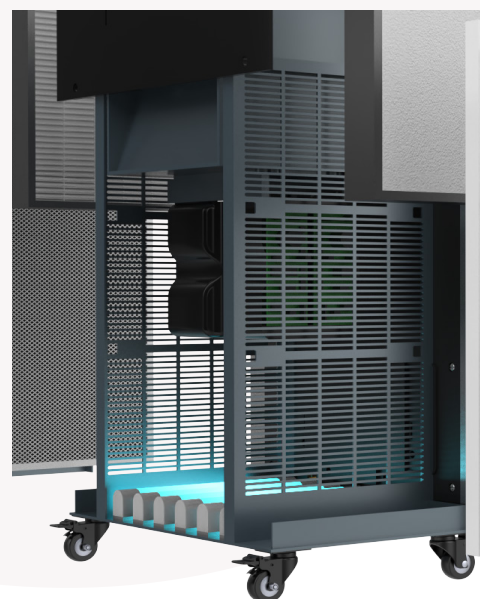
### 6 Stage Filtration

- Photocatalyst Technology
- HEPA 13
- UVC And ION Technology
- Pre filter and carbon filter

## Upgrade Your Generation Z Model

### GENERATION Z ULTRA

- UVc chamber - UVc 1 bulb upgraded to 6 bulbs
- Hepa 13 upgraded to HEPA 14



### UVc Chamber – Generation Z ULTRA

UVc is a disinfection method that uses short wavelength ultraviolet (ultraviolet C or UVc) light to kill or inactivate microorganisms by destroying nucleic acids and disrupting their DNA, leaving them unable to perform vital cellular functions.

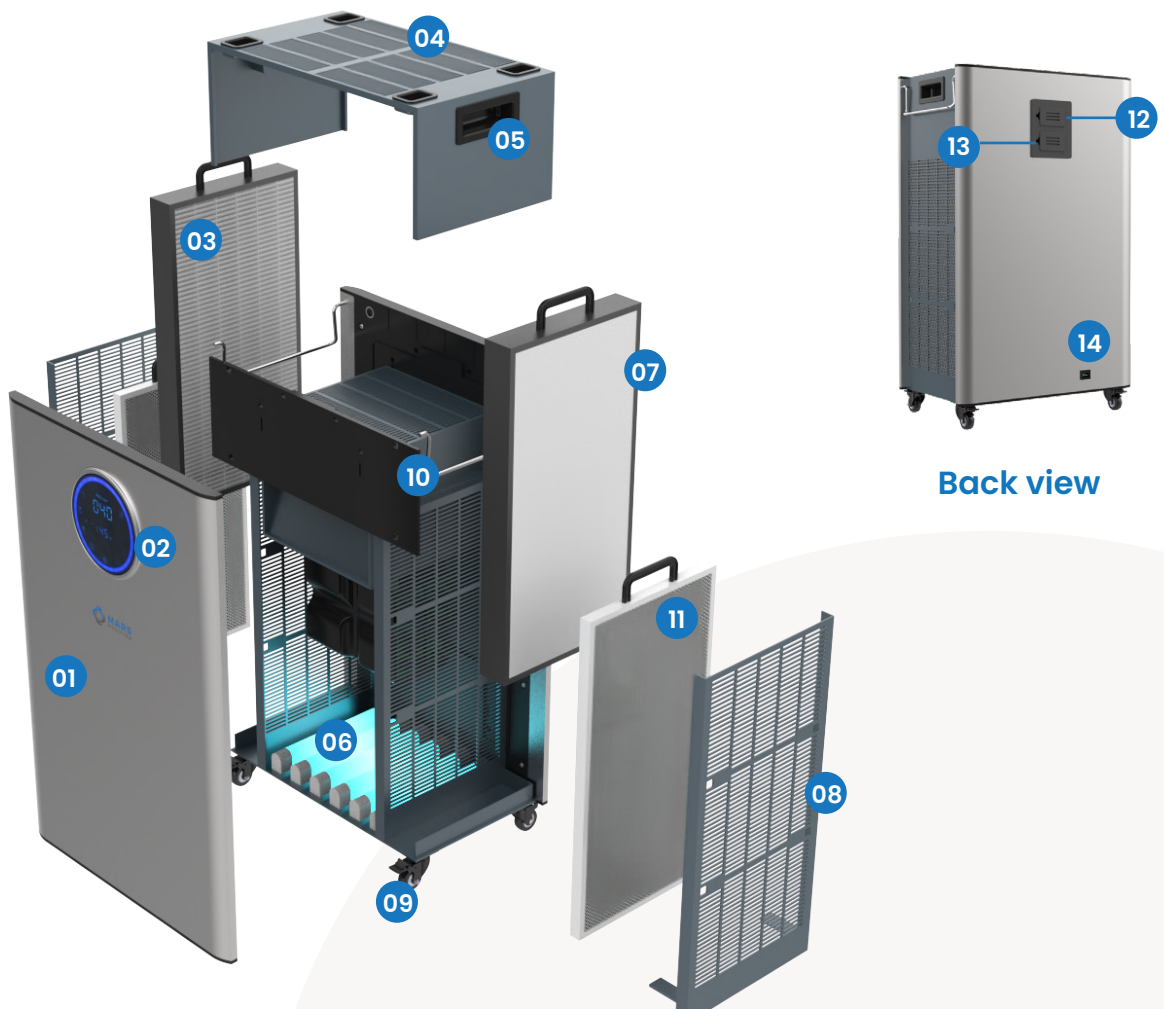
Model	Generation Z ULTRA
Filter	UVc CHAMBER
Ultraviolet wavelength	256nm
UVc number of lamps	6
Total UVc electrical power (W)	48
Ultraviolet leakage	<1uw/CM
Ultraviolet illumination	95uw/CM





	Generation Z	Generation Z ULTRA
<b>FEATURES</b>		
Suitable area	230m <sup>2</sup>	230m <sup>2</sup>
CADR Purification	1156m <sup>3</sup> /h	1156m <sup>3</sup> /h
Noise	≤60dB	≤60dB
Filtration	6 stage filtration	6 stage filtration
LED display	Yes	Yes
Smart Phone Compatible	Yes	Yes
<b>DESCRIPTION</b>		
Colour	Grey	Grey
Power (Wattage)	110W	110W
Voltage	220V/50Hz	220V/50Hz
Product Dimension	890x530x330mm	890x530x330mm
Package Dimension	950x600x400mm	950x600x400mm
Net/Gross Weight	27kg/32kg	27kg/32kg
<b>SPECIFICATION</b>		
Motor	DC	DC
Sensor	Dust Sensor (infrared sensor) Temperature Sensor Humidity Sensor	Dust Sensor (infrared sensor) Temperature Sensor Humidity Sensor
Air Quality Indication	LED Screen	LED Screen
Filter	Pre-Filter Hepa H-13 Activated Carbon Cold-catalyst (or Photocatalyst)	Pre-Filter Hepa H-14 Activated Carbon Cold-catalyst (or Photocatalyst)
Anion	10 million/cm <sup>3</sup> Negative ions	10 million/cm <sup>3</sup> Negative ions
UV	UV Light	UVc Chamber
UV wavelength	256nm	256nm
UVc number of lamps	1	6
Total UVc election power (W)	8	48
Remote Control	With, Without	With, Without
Fan Speed Option	4 Speeds	4 Speeds
Speed Mode	Yes	Yes
Auto Mode	Yes	Yes
Sleep Mode	Yes	Yes
Timer	Yes	Yes
Filter Life Remainder	Yes	Yes
PM 25 Display	Yes	Yes
Child Lock	Yes	Yes

## Generation Z Body Parts



- |                                    |                    |                  |                     |
|------------------------------------|--------------------|------------------|---------------------|
| 01 Body Case                       | 02 Display Panel   | 03 Carbon Filter | 04 Air Outlet Panel |
| 05 Filter Cover Handle             | 06 UVC Chamber     | 07 HEPA Filter   | 08 Air Inlet Panel  |
| 09 Moving Wheels                   | 10 Purifier Handle | 11 Pre Filter    | 12 Sensor Cover     |
| 13 Temperature and humidity sensor | 14 Adapter Plug    |                  |                     |

## HEPA Filter

### HEPA-14

- Medical-grade purification that effectively filters 99.995% of pollutants in the air.
- HEPA-14 filtration efficiency is 10x higher than HEPA-13 filters and captures 0.1 microns.
- The size of coronavirus is 0.12 microns.
- Designed for commercial use

### H13 HEPA

- Effectively captures 99.97% of harmful particles down to 0.3 microns.
- Commonly referred to as "medical-grade air filtration."

HEPA – 14	HEPA – 13
99.9995%	99.97%

## Keeping you safe

We understand that patient and staff safety is of the highest priority, however you can have the best solution in the world but if it can not pass a regulatory inspection by CQC, GDC or similar, it will not provide you the business continuity you are looking for.

Virus Removal Rate	Bacterial Removal Rate
>99.9%	>99.9%

## ISO:14644 Accredited





The clean air delivery rates (CADR) for all speed settings for this unit have been externally validated to ISO:14644.

## CADR 1156 M<sup>3</sup>/hr | Size 115m<sup>2</sup>/1238 sq. ft.





Don't underestimate this beast of a unit. Being able to throttle from a CADR as low as 174 m<sup>3</sup> to 1156 m<sup>3</sup> provides you with a business continuity plan. Generation Z can be placed into any space and achieve the required air changes like a breeze.

This can serve your surgical space and is also ideal for improving the safety of your staff and patients in the waiting area, which is often too large for other purification systems on the market to handle.

## CADR Performance to ISO:14644 m<sup>3</sup>/hr

Speed Setting	1	2	3	4
				
Generation Z	174	704	973	1156

## Noise – Decibel Volume

Speed Setting	1	2	3	4
				
Generation Z (dB[A])	37	45	55	60

## Dimension



<b>Product Dimension</b>	890x530x330mm
<b>Package Dimension</b>	950x600x400mm

## Mars Purifier is the UK's First ISO:14644 Certified

Mars Purifier is the leading brand in commercial air purification for airborne contamination and infection control, and the only purification brand to achieve ISO 14644 accreditation. We provide certified solutions to manage a broad range of particulate, chemical, gaseous and odour contamination.

Our air purification solutions have enabled dentists to reduce fallow time and NHS hospitals reduce air-to-surface contamination of MRSA, COVID-19 and other airborne viruses and particulates.

We work closely with hospitals, laboratories, dental clinics, hotels, health clubs and offices both across the UK and globally. We have a scientific approach to airborne contamination control and only install solutions that are individually tested, certified and guaranteed to perform as promised.



Contact us today for  
expert advice.



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