

**- AIR TO WATER -**  
**ATMOSPHERIC**  
**WATER GENERATOR**



# ATMOSPHERIC WATER GENERATOR



## • AIR TO WATER • DEHUMIDIFIER • AIR PURIFIER • WATER PURIFIER

Kusatsu atmospheric water generator is a high-tech product which are using physical tech to absorb and purify water from air, then processing it into high-quality drinking water. Kusatsu AWGs use 3-layer air filtration, 4 Layer to 8 Layer water filtration exclusive patent high efficiency modified molecular sieve technology) and water molecule activation technology to remove harmful substance and make water fresh, safe and taste good. It has been used in manned spacecrafts "Shenzhou 5" to "Shenzhou 10", water quality is compliance with the World Health Organization's 6 major criteria for healthy drinking water and drinking water standards in developed countries.



# AIR WATER GENERATOR

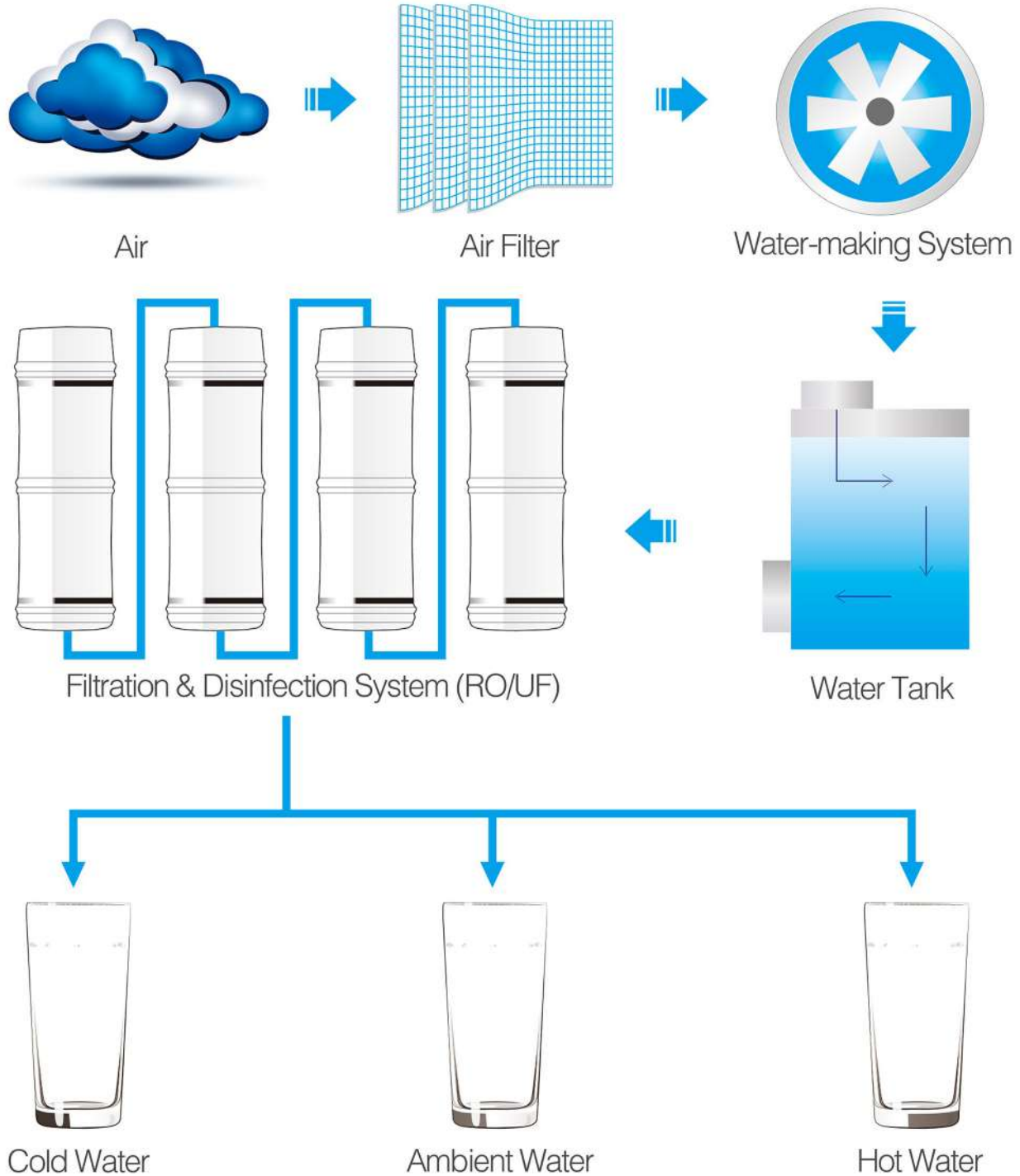
## KG50

Is creating a brand new source Of drinking water and offering solution For the problems of water shortage, water pollution, and inconvenient Access to healthy and safe drinking water for all human beings.

The Atmospheric Water Generator is designed for multiple application, home, office, hotel, airport, school, ship, shopping mall, train station, cinema, hospital, library, etc.



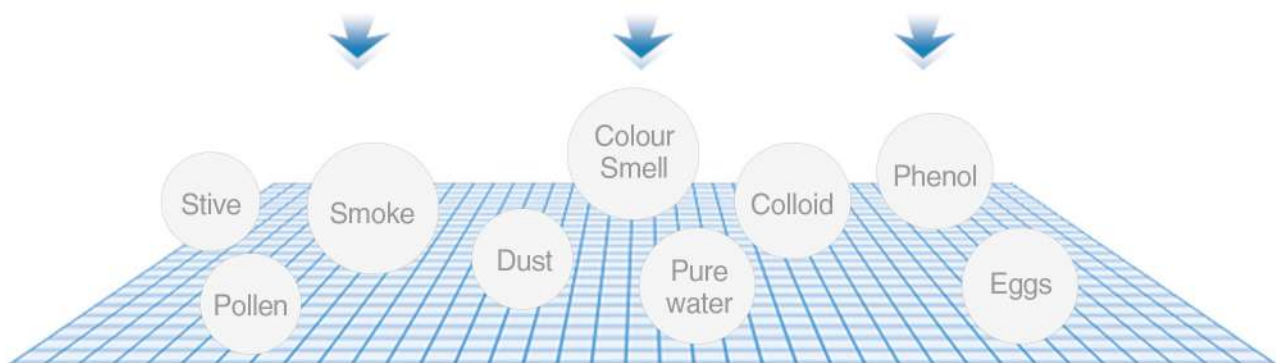
# PRINCIPLE OF MAKING AIR WATER



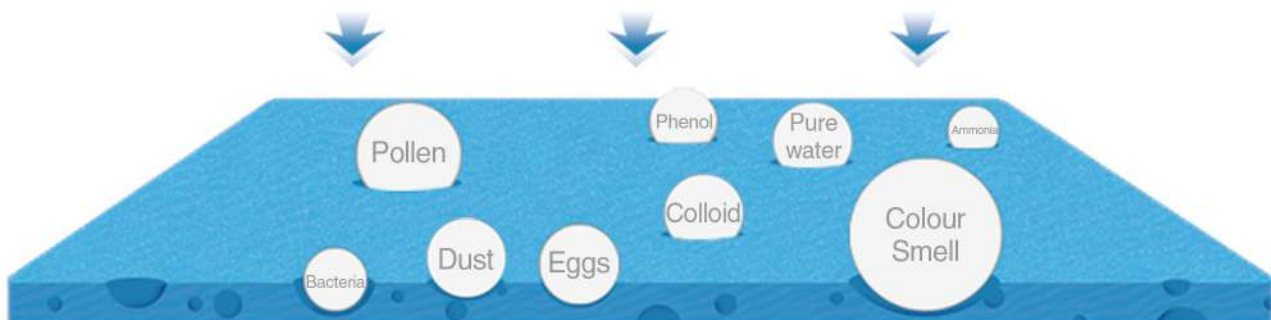
# KUSATSU ATMOSPHERIC WATER GENERATOR

## Aerospace grade 3-layer Air Filtration

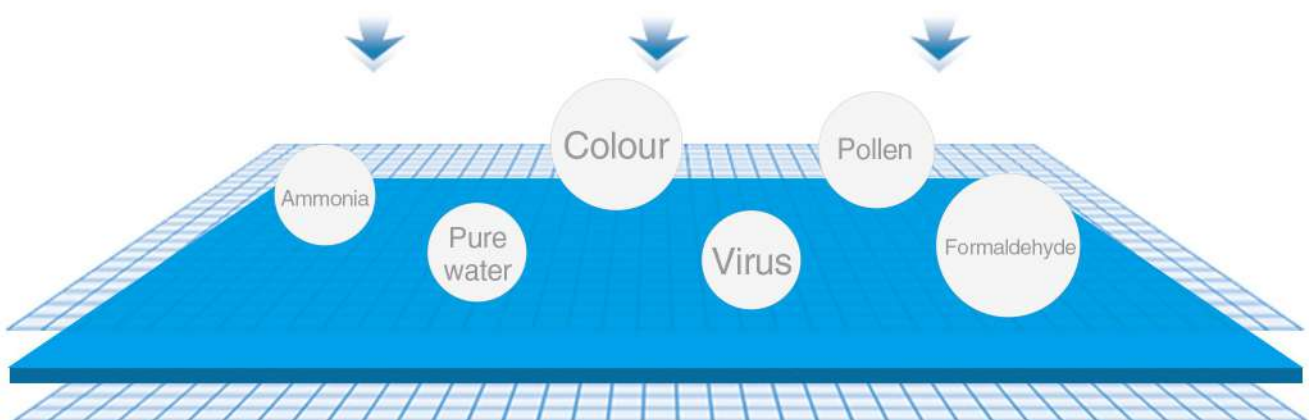
Could efficiently remove bacteria, virus, big particulates, dust, odor etc.



High-density air filter layer



Medical grade HEPA filter

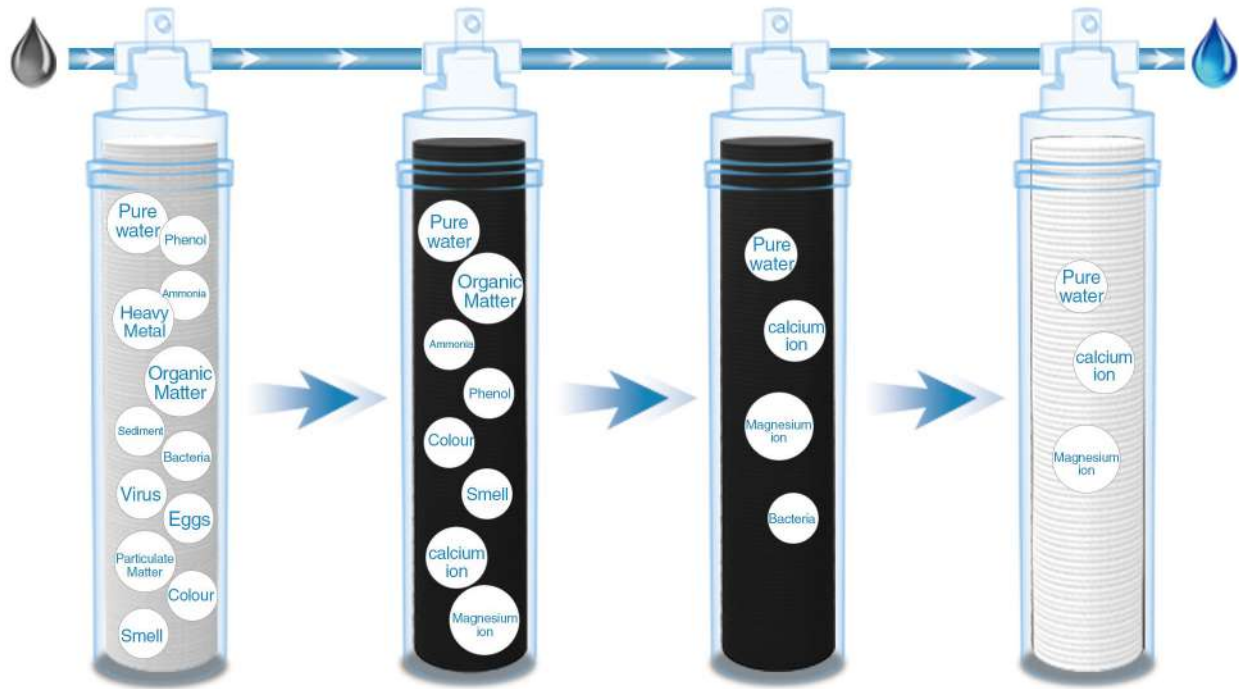


High purity activated carbon filter



## Aerospace grade 4-layer Water Filtration

Could efficiently remove bacteria, virus, Heavy metals, rust, organics, pigment etc.



### PP Sediment Filter

Removes sediments, rust, suspended solids, organic matter, residual chlorine and hazardous odors.

### RO Membrane Filter/ UF Membrane Filter

- 1) Removes dissolved inorganic solids, heavy metals, nitrates, pesticides, sulfates, fluoride, bacteria, pharmaceuticals, arsenic and odors.
- 2) Remove E-coli and other bacteria and reduce the total number of colonies, blocking colloid, reduces turbidity.

### M-Cell Filter

Using modified molecular cell filtration technology, effectively remove heavy metals, iron, manganese, ammonia and other harmful ingredients.

### Carbon Filter

Removes pesticides and other organic matter, remove the hazardous odors, residual chlorine and improve taste.

UV Water Purification systems use special lamps that emit UV light of a particular wavelength that have the ability, based on their length, to disrupt the DNA of micro-organisms. These UV light waves are also referred to as the Germicidal Spectrum or Frequency.



# APPLICATIONS





## PRODUCT DESCRIPTION AIR WATER GENERATOR



### KP50A

Model	KP50A
Capacity (30°C + 80%RH)	50L/D
Operating Temperature	15°C -43°C
Operating Humidity	>25%
Total Power	900W
Water Making Power	800W
Refrigerant	R410a
Water Tank Volume	19L
Rated Voltage	220V / Adjustable
Frequency	50Hz / Adjustable
Net Weight	48 Kg
Dimension (W*L*H)	400 x 730 x 920 mm



### KP50C

Model	KP50C
Capacity (30°C + 80%RH)	50L/D
Operating Temperature	15°C -43°C
Operating Humidity	>25%
Total Power	2100W
Water Making Power	900W
Refrigerant	R410a
Water Tank Volume	19L
Rated Voltage	220V / Adjustable
Frequency	50Hz / Adjustable
Net Weight	48 Kg
Dimension (W*L*H)	400 x 730 x 920 mm



# PRODUCT DESCRIPTION

## AIR WATER GENERATOR



### KP50AS

Model	KP50AS
Capacity (30°C + 80%RH)	50L/D
Operating Temperature	15°C -43°C
Operating Humidity	>25%
Total Power	900W
Water Making Power	800W
Refrigerant	R410a
Water Tank Volume	19L
Rated Voltage	220V / Adjustable
Frequency	50Hz / Adjustable
Net Weight	48 Kg
Dimension (W*L*H)	400 x 730 x 920 mm



### KG50

Model	KG50
Capacity (30°C + 80%RH)	50L/D
Operating Temperature	15°C -43°C
Operating Humidity	>25%
Total Power	2200W
Water Making Power	900W
Refrigerant	R410a
Water Tank Volume	19L
Rated Voltage	220V / Adjustable
Frequency	50Hz / Adjustable
Net Weight	53 Kg
Dimension (W*L*H)	450 x 475 x 1350 mm

## PRODUCT DESCRIPTION AIR WATER GENERATOR



### KF20

Model	KF20
Capacity (30°C + 80%RH)	20L/D
Operating Temperature	15°C -43°C
Operating Humidity	>25%
Total Power	450W
Water Making Power	400W
Refrigerant	R134a
Water Tank Volume	9L
Rated Voltage	220V / Adjustable
Frequency	50Hz / Adjustable
Net Weight	21 Kg
Dimension (W*L*H)	430 x 290 x 660 mm



### KF20S

Model	KF20S
Capacity (30°C + 80%RH)	20L/D
Operating Temperature	15°C -43°C
Operating Humidity	>25%
Total Power	1700W
Water Making Power	400W
Refrigerant	R134a
Water Tank Volume	9L
Rated Voltage	220V / Adjustable
Frequency	50Hz / Adjustable
Net Weight	21 Kg
Dimension (W*L*H)	430 x 290 x 660 mm



# PRODUCT DESCRIPTION

## AIR WATER GENERATOR



### KB138

Model	KB138
Capacity (30°C + 80%RH)	100L/D
Operating Temperature	15°C -43°C
Operating Humidity	>25%
Total Power	2100W
Water Making Power	1250W
Refrigerant	R410a
Water Tank Volume	56L
Rated Voltage	220V / Adjustable
Frequency	50Hz / Adjustable
Net Weight	85 Kg
Dimension (W*L*H)	505 x 610 x 1210 mm



### KC138

Model	KC138
Capacity (30°C + 80%RH)	100L/D
Operating Temperature	15°C -43°C
Operating Humidity	>25%
Total Power	3500W
Water Making Power	1250W
Refrigerant	R410a
Water Tank Volume	52L
Rated Voltage	220V / Adjustable
Frequency	50Hz / Adjustable
Net Weight	173 Kg
Dimension (W*L*H)	657 x 640 x 1720 mm



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