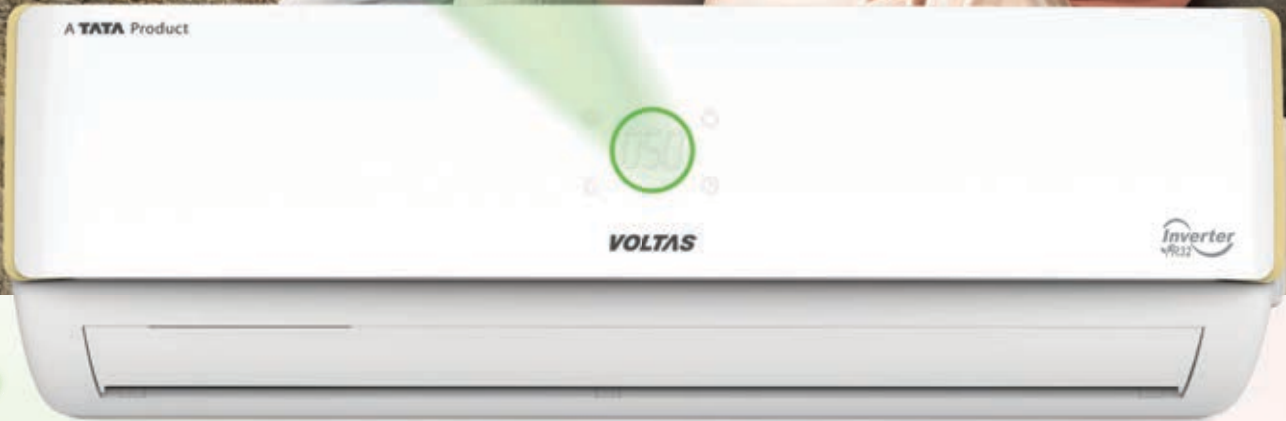


A **TATA** Product

**VOLTAS**

# Bring home the pure mountain breeze

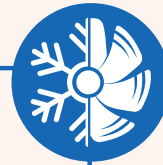


**VOLTAS**  
**PureAir™**  
6 Stage Adjustable AC

VOLTAS PUREAIR  
ADJUSTABLE SPLIT AC RANGE **2023**



# VOLTAS PUREAIR ADJUSTABLE AC



## Leaders in AC Technology

Reasons to choose Voltas PureAir Adjustable AC



### HEPA FILTER

Provides high level of filtration for small and large contaminants



### SUPER UVC TECHNOLOGY

Deactivates germs in the air\*



### 6 STAGE MAHA ADJUSTABLE MODE

Runs at six different cooling capacities



### TITANIUM DIOXIDE COATED FILTER

Effective in removing VOC (Volatile Organic Compound)



### AQI INDICATOR

A multi-colour ring to show the AQI range



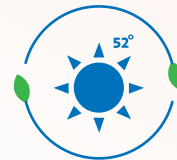
### TURBO COOLING

Room is cooled quickly and uniformly



### ANTI-MICROBIAL AIR FILTRATION

It kills microbes which includes germs, bacteria and fungi



### HIGH AMBIENT COOLING

Keeps you comfortable even at 52°C



### PM 1.0 SENSOR

Detects particulate matter with high accuracy



### SUPER DRY

Quick dehumidification



### SLEEP MODE

Maintains a comfortable temperature by cutting excessive cooling and power consumption



### 100% COPPER

More durable



### ECO-FRIENDLY REFRIGERANT

R32 refrigerant to protect environment



### WIDE OPERATING RANGE

Protects the AC from voltage fluctuations (110V to 285V)



### ANTI-CORROSIVE COATING

Increases life & prevents gas leakages due to corrosion



### FILTER CLEAN INDICATOR

Indicates when the filter needs to be cleaned



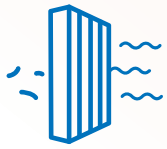
### SUPER SILENT OPERATION

Low noise operation at low load condition



### ICE WASH TECHNOLOGY

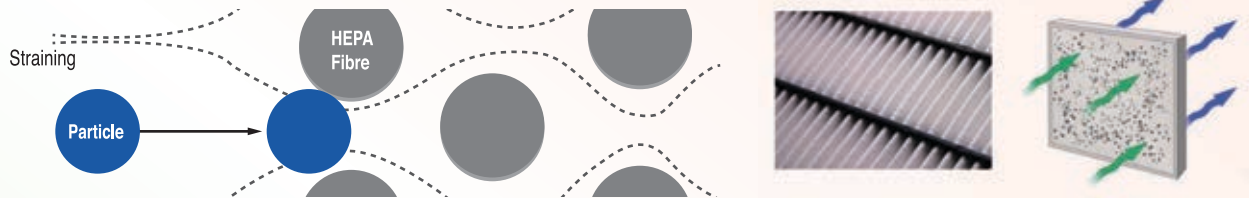
Freezes the cooling coil and removes dirt by melting



## HEPA Filter

Provides high level of filtration for small and large contaminants.

It is possible to enjoy cool, pristine air like mountain breeze with Voltas PureAir Adjustable AC. HEPA filter provides a very high level of filtration for the smallest, as well as the largest, particulate contaminants. It traps air contaminants in a complex web of fibres. The dusty air passes through it & comes out as Pure Air.



## AQI Indicator

A multi-colour ring to show the AQI range.

The various coloured rings indicate the level of Air Quality.



PM 1.0 LEVEL	COLOUR
0 - 70	Green
71 - 120	Blue
121 - 170	Yellow
171 - 250	Purple
> 250	Red



## PM 1.0 Sensor

Detects particulate matter with high accuracy

It is a highly sensitive PM sensor which detects the presence of particulate matter with highest accuracy. In normal operation, an user can check real time PM 1.0 values by pressing a key on the remote.

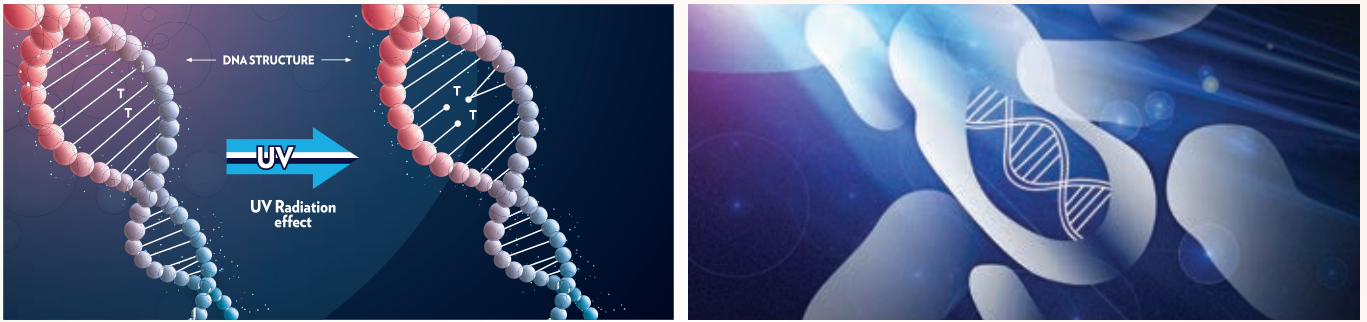


PM 1.0 SENSOR

## UVC Disinfection:

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

## Mechanics of Disinfection:



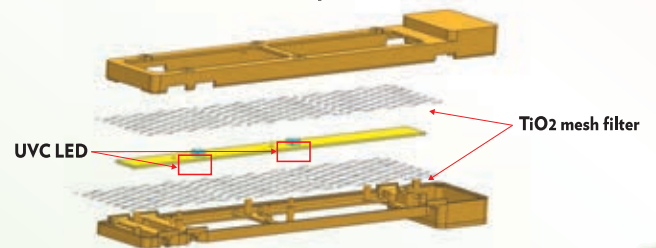
## UV Chamber:

The UV Chamber placed in the indoor unit, aids in disinfecting the bacterial air when the outside air comes in contact with the UV rays and TiO<sub>2</sub> filter in UV Chamber.



## Photo Catalysis Purification

### UVC Module Exploded View



## 6 STAGE Maha Adjustable Mode

Saves power and keeps you comfortable in different conditions

6 Stage Maha Adjustable Mode delivers predefined lower & higher cooling capacity by limiting and exceeding inverter compressor's running frequencies depending on the number of people in the room and ambient weather conditions. It runs on different tonnages (0.7/1/1.2/1.5/1.7/2\*) to optimize power consumption.





## High Ambient Cooling

Extreme Ambient Temperature Operation

The Voltas Inverter AC cools even at 52°C. With its superior cooling capacity, it cools easily at high temperatures.



## Superdry

Quick Dehumidification

Superdry Mode dehumidifies the room quickly. The AC runs on predefined set temperature and at lower indoor blower speed. It will capture the extra water vapour in the air.

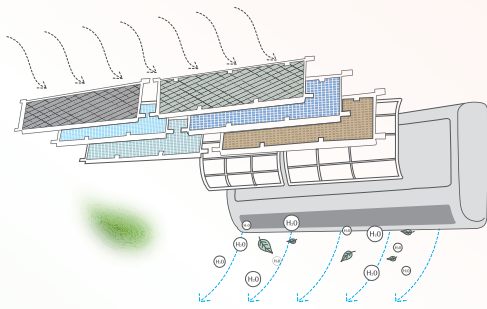


## Super Silent Operation

Low noise operation at low load condition

Cooling is something you feel, not hear. Voltas Air Conditioners operate at a noise level as low as 28dB(A). So, it gives you a peaceful and comfortable experience.





## Antimicrobial Air Filtration

It deactivates microbes which include germs, bacteria and fungi.



## Ice Wash Technology

Automatic coil cleaning

If an AC performs better and longer, all the credit goes to its clean evaporator. With activation of Ice Wash feature, the AC automatically cleans the evaporator and delivers better cooling and helps overall performance.



## Anti-Corrosive Coating

For protection & durability

Anti-Corrosive coating on cooling coil enhances life by preventing chances of corrosion.



## Filter Clean Indicator

CL indicator to remind filter cleaning

With a CL indicator feature in the AC, one is timely intimated that it's time to clean the filter. This filter acts as the protection layer which keeps all the micro matter like dust, contaminants, fur and fibres away from entering the AC. Thus, it blows only clean air into your home.



## 5 STAR INVERTER WITH HEPA FILTER

Model		185V Verdant Exotica(4503500)
Model Type		Voltas SAC
Star Rating	Stars	5
Rated Cooling Capacity : Full Load (100%)	W	4820
Rated Cooling Capacity : Half Load (50%)	W	2410
Rated Cooling Power : Full Load (100%)	W	1230
Rated Cooling Power : Half Load (50%)	W	445
ISEER		5.0
Power Supply	V/Hz/Ph	230 / 50 / 1 Phase
Air Flow Volume - Indoor	CMH	850
*Noise Level - Indoor	..dB(A)	47/45/43/38/28
Operation		LCD Remote
Compressor Type		High EER Twin Rotary - BLDC
Wide Operating Voltage Range	V	110-285
Max Operating Ambient Temp Range	Deg C	52° C
Refrigerant Gas		R32
Indoor Unit Dimension (WxHxD)	cm	98.2x31.8x24.4
Indoor Unit Net / Gross Weight	Kg	10.5/13.5
Outdoor Unit Dimension (WxHxD)	cm	87x60x35.5
Outdoor Unit Net / Gross Weight	Kg	TBD
Connecting Pipe	type	Cu-Cu(12.7mm & 6.35mm)
Condenser Coil		Copper
Multi Adjustable Mode		6 Step
Filter		Triple Filter Protection
HEPA Filter		Yes
PM 1.0 Display		Yes
Evaporator Fin		Blue
Anti-Corrosive Coating (IDU HP Side)		Yes
LED Display		Yes
Self Diagnosis		Yes
Auto Restart		Yes
Ice Wash		Yes
Filter Clean Indicator		Yes
Ultra Silent Mode		Yes
Sleep Mode		Yes
Dual Temp Display		Yes
5D Concept		Yes

## 5 STAR INVERTER WITH UVC



Model		125V Verdant Pearl(4503498)	185V Verdant Pearl(4503501)
Model Type		Voltas SAC	Voltas SAC
Star Rating	Stars	5	5
Rated Cooling Capacity : Full Load (100%)	W	3450	4900
Rated Cooling Capacity : Half Load (50%)	W	1725	2450
Rated Cooling Power : Full Load (100%)	W	820	1295
Rated Cooling Power : Half Load (50%)	W	338	440
ISEER		5.00	5.00
Power Supply	V/Hz/Ph	230 / 50 / 1 Phase	230 / 50 / 1 Phase
Air Flow Volume - Indoor	CMH	650	930
*Noise Level - Indoor	..dB(A)	46/44/42/38	47/45/43/38/28
Operation		LCD Remote	LCD Remote
Compressor Type		High EER Rotary - BLDC	High EER Twin Rotary - BLDC
Wide Operating Voltage Range	V	110-285	110-285
Max Operating Ambient Temp Range	Deg C	52° C	52° C
Refrigerant Gas		R32	R32
Indoor Unit Dimension (WxHxD)	cm	84x29x21	96x31.7x23.5
Indoor Unit Net / Gross Weight	Kg	9.5/11.5	11.8/14.3
Outdoor Unit Dimension (WxHxD)	cm	85.5x55.5x29.5	85.5x55.5x29.5
Outdoor Unit Net / Gross Weight	Kg	26.2/31.5	27.6/32.6
Connecting Pipe	type	Cu-Cu(12.7mm & 6.35mm)	Cu-Cu(12.7mm & 6.35mm)
Condenser Coil		Copper	Copper
Multi Adjustable Mode		6 Step	6 Step
Filter		Quadra Filter Protection	Quadra Filter Protection
UVC & TiO2 Filter		Yes	Yes
Evaporator Fin		Blue	Blue
Anti-Corrosive Coating (IDU HP Side)		Yes	Yes
LED Display		Yes	Yes
Self Diagnosis		Yes	Yes
Auto Restart		Yes	Yes
Ice Wash		-	Yes
Filter Clean Indicator		-	Yes
Ultra Silent Mode		-	Yes
Sleep Mode		Yes	Yes
Dual Temp Display		Yes	Yes
5D Concept		-	Yes

\*Claim not applicable to Coronavirus (COVID-19). Voltas Pure Air AC has been tested and certified by NABL accredited lab. \*Kills Germs - It is meant for informational purpose only and not intended to replace the prescription/precaution suggested by Medical Practitioners.\* Noise level reflects the levels in Anechoic Chamber. All above performance data are as per IS 1391 Rated conditions. As a continuing policy of product innovation at Voltas, the designs and specifications are subjected to change without prior notice. Product images are for illustrative purposes only and may differ from the actual product. Adjustable mode for Verdant series (HEPA & UVC filter) 1.5 Ton-6 steps (0.7/1/1.2/1.5/1.7/2). Verdant series (UVC filter) 1 Ton-6 steps (0.6/0.7/0.8/1/1.1/1.2).



HEPA FILTER



SUPER UVC TECHNOLOGY



6 STAGE MAHA ADJUSTABLE MODE



AQI INDICATOR



PM 1.0 SENSOR



ANTI-CORROSIVE COATING



FILTER CLEAN INDICATOR



SUPER SILENT OPERATION



ICE WASH TECHNOLOGY

# VOLTAS Pure Air™

6 Stage Adjustable AC



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Ⓔ In India, E-Waste (Management and Handling) Rules 2016 r/w E-Waste Management Amendment Rules 2018 have been notified by the Ministry of Environment, Forests and Climate Change, Government of India. Voltas Limited (Voltas) stands committed to implement E-Waste Rules. Voltas has done tie-up with the government authorised E-Waste Recycler for facilitating our Channel partners/customers to dispose and/or discard Electrical and Electronic Products after its end-of-life (when a product/part is non-operational or non-repairable) and including spare parts. The authorised recycler has expertise in assisting Voltas in fulfilling their compliances related to EPR and E-waste Management. Channel partners/customers need to get in touch with Voltas Call Centre (9650694555) to dispose and/or discard Electrical and Electronic Products after its end-of-life. Channel partners/Consumers should contribute to resource conservation and prevent potential environmental problems by a simple action - the proper depositing of their old consumer durable products, its accessories or defective spares with authorised recyclers. E-waste should be disposed of separately from the general waste stream via designated collection facilities identified by Voltas.

\* Voltas PureAir Adjustable AC can deliver cooling at multiple tonnage capacities, as selected by the user on the AC remote, hence optimizing power consumption. The HEPA Filter, PM1.0 Sensor & AQI Indicator help in reduction and monitoring pollutant rate, as tested under the third party standard lab condition. Features are available in select models only. \*\*As per third party report. T & C apply. As a continuous policy of product innovations at Voltas, design and specifications are subject to change without prior notice.



