A **TATA** Product

VOLTAS

Bring home the pure mountain breeze
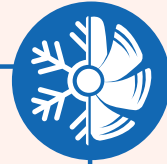
AQI
—INDICATOR—

A **TATA** Product

VOLTAS

Inverter

VOLTAS
PureAir™
6 Stage Adjustable AC

INDIA'S NO.1 AC BRAND^^
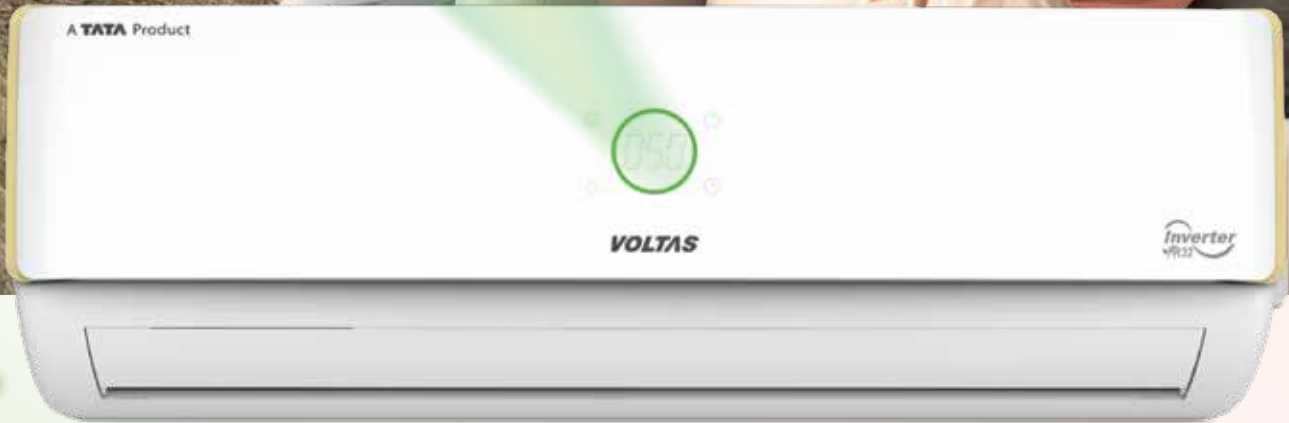
VOLTAS PUREAIR
ADJUSTABLE SPLIT AC RANGE **2023**

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)

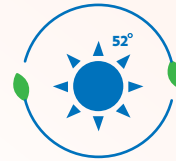**AQI INDICATOR**
A multi-colour ring to show the AQI range

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
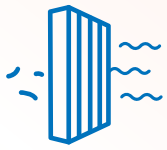Indicates when the filter needs to be cleaned

SUPER SILENT OPERATION
Low noise operation at low load condition

ICE WASH TECHNOLOGY
Freezes the cooling coil and removes dirt by melting

*Features are available in select models only.

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.

Straining

HEPA Fibre
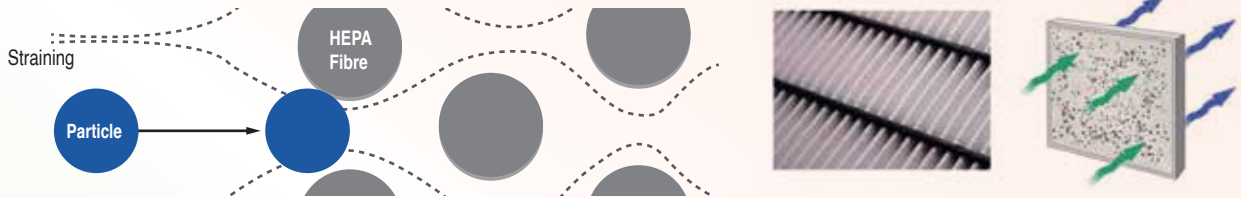
Particle

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	
71 -120	
121 - 170	
171 - 250	
> 250	

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:

DNA STRUCTURE

UV

UV Radiation effect

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 TiO2 filter in UV Chamber.
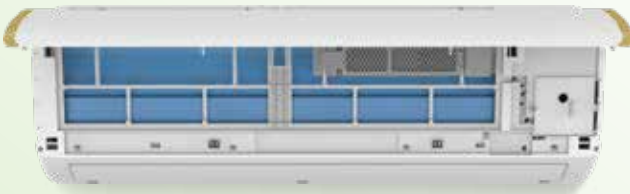
Photo Catalysis Purification

UVC Module Exploded View

UVC LED

TiO2 mesh filter
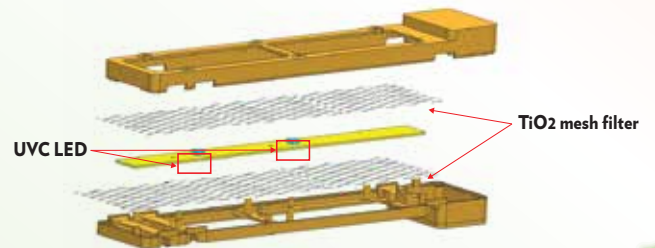
6 STAGE Maha Adjustable Mode

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.

1.0 TON

1.5 TON

2.0 TON

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.
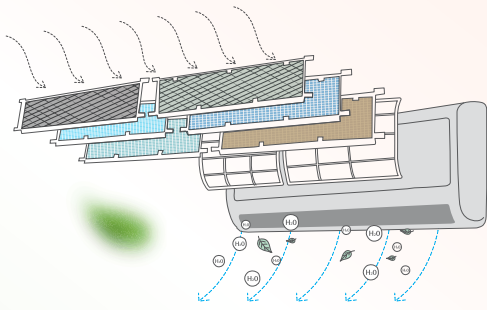
Super Silent Operation

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.
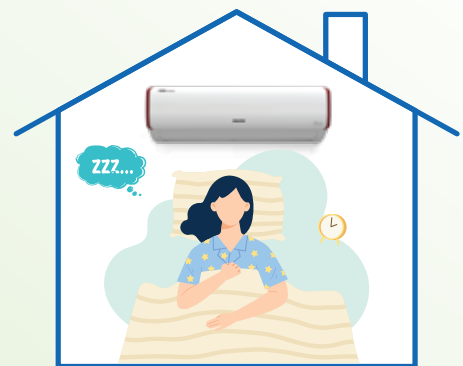
Antimicrobial Air Filtration

It deactivates microbes which include germs, bacteria and fungi.

Ice Wash Technology
Automatic coil cleaning

With the activation of Ice Wash feature, the AC by freezing and de-freezing automatically cleans the evaporator, delivers better cooling and helps the overall performance of the AC.

Anti-Corrosive Coating
For protection & durability

Anti-Corrosive coating on cooling coil enhances life by preventing chances of corrosion.
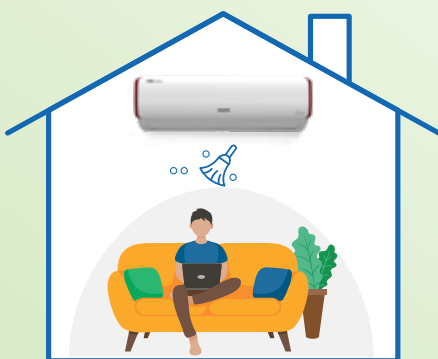
Filter Clean Indicator
CL indicator to remind filter cleaning

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.

TECHNICAL SPECIFICATION

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	31.5/36.5
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
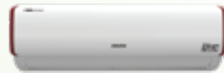
Model		125V Verdant Pearl(4503498)	185V Verdant Pearl(4503501)
Model Type		Voltas SAC	Voltas SAC
Star Rating	Stars	5	5
Rated Cooling Capacity : Full Load (100%)	W	3450	4900
Rated Cooling Capacity : Half Load (50%)	W	1725	2450
Rated Cooling Power : Full Load (100%)	W	820	1295
Rated Cooling Power : Half 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	83.5x55.5x29.5	83.5x55.5x29.5
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).

Features

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 PureAir™
6 Stage Adjustable AC