

# POWERFUL COOLING LIKE NEVER BEFORE.

Air Cooler Range 2023

### **ABOUT BLUE STAR**

With nearly eight decades of experience in providing expert cooling solutions, Blue Star is India's leading air conditioning and commercial refrigeration company. Built on trust, Blue Star is recognised as an industry leader known for innovation, quality and durability in several countries across the globe.

The Company offers a comprehensive product range that is not only technologically advanced but also sustainable, energy-efficient and intuitively designed. Packed with modern and contemporary features, they ensure the best of comfort and convenience. Further, Blue Star prides itself in offering a world-class customer experience and exemplary after-sales service.

The Company's extensive and continuous investments in research and development are primarily responsible for its success and enviable reputation across the globe. Blue Star has several registered patents, six registered designs and has applied for many new patents.

Blue Star Air Coolers offer wide ranging capacities catering to every segment. These are designed with superior technologies like Dual Cool Technology and Cross Drift Technology for maximum comfort and powerful cooling efficiency.

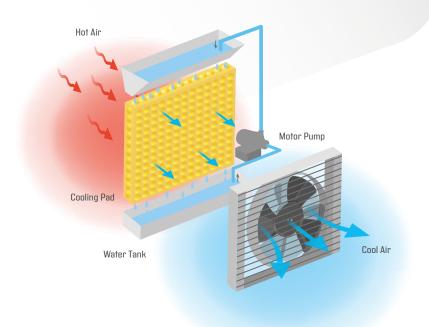


# **HOW AIR COOLERS WORK?**

Air coolers use the power of evaporation to cool the surrounding area. They work on a basic scientific principle that as water evaporates and changes from liquid to gas, it reduces the temperature of the areas around it.

An air cooler has a specially designed pad that absorbs water from the reservoir. When warm air is drawn into the cooler, it passes through the wet cooling pad. The water flowing over the pad absorbs the heat from the air, causing the water to evaporate. The evaporated, cooler air is then propelled into the room by the fan.

The resulting cooler air adds moisture and humidity, lowering the temperature of the



## **BLUE STAR AIR COOLERS**

# SUPERIOR TECHNOLOGY FOR A COMFORTABLE COOLING EXPERIENCE.



### **Cross Drift Technology**

Incorporates a hexagonal pad which ensures that the water spreads across the maximum area resulting in enhanced and faster cooling.



### **Dual Cool Technology**

A combination of Honeycomb and Wood Wool Pads to reduce the temperature and blow cool air into the room.



### Anti-microbial High-efficiency Honeycomb Pads

Special cellulose paper with anti-microbial properties provides safer cooling.



# **UNIQUE FEATURES**



### **Ioniser Purification**

Protects from harmful bacteria and allergens while providing fresh, pure and cool air.



### **Cord Winder**

Special slot to wind and store the electric cord properly for hassle-free usage.



### **Digital Display**

Shows the various settings and timer control on the panel.



### Anti-Drip Mechanism

Unique mechanism minimises unwanted dripping sounds generated when water falls from the Honeycomb pad into the water tank.



### Timer

Operating time can be controlled with different preset times to ensure uninterrupted cooling.



### Automatic Louvers Movement

To cover a wider area for better and uniform cooling.



### **Works on Inverter**

Compatible with inverter operation for non-stop cool air even during power cuts.



### Touch Panel

Gives the user a seamless experience while operating the air cooler.



### Mosquito/Dust Filter

Filters larger particles that enter the air cooler enhancing its life.



# **UNIQUE FEATURES**



# Thermal Overload Protection

Innovative technology to protect the fan and pump motors from overheating and to enhance the life of the cooler.



### **Autofill**

Refills the water tank automatically when the water goes below the required level and ensures uninterrupted cooling.



# PM2.5 Silver Nano Purification

Nano-silver impregnated, activated carbon fabric filter cleans the air up to PM2.5 to deliver purified air free from bacteria and allergens.



### Real Time Humidity Control

Senses and controls the humidity in the room to give maximum comfort and cooling.



# Remote Control Operation

Facilitates easy and convenient operation which can be controlled from a set distance.



### Wide Angle Air Flow

Louvers are designed to deliver a 'breeze effect' at a wide angle. Motorised vertical louvers along with horizontal louvers ensure faster cooling and maximum coverage.



# **PERSONAL AIR COOLERS**

## ASTRA





High-efficiency Honeycomb Pad with Anti-microbial Properties



Mosquito/ Dust Filter



Ice Chamber



Easy Clean



Thermal Overload Protection



Works on Inverter



Automatic Louver Movement



Cross Drift Technology



High-efficiency Honeycomb Pad with Anti-microbial Properties



Mosquito/ Dust Filter



Ice Chamber



Easy Clean



Cord Winder



Thermal Overload Protection



Works on Inverter





# **TOWER AIR COOLERS**

# PA27PMC 27 Litres AIR FLOW: 1250 m³/hr

# PREMIA



Cross Drift Technology



High-efficiency Honeycomb Pad with Anti-microbial Properties





Mosquito/Dust Filter



Cord Winder



Ice Chamber



Thermal Overload Protection



Works on Inverter



Ultraviolet Protection coat



High-efficiency Honeycomb Pad with Anti-microbial Properties



Mosauito/ Dust Filter



Cord Winder



Ice Chamber



Thermal Overload Protection



Works on Inverter



Castor Wheels

# PA35LMA 35 Litres AIR FLOW: 900 m³/hr

### TA40BMA

40 Litres AIR FLOW: 1000 m<sup>3</sup>/hr





Cooling Efficiency >60%



High-efficiency Honeycomb Pad with Anti-microbial **Properties** 



Wide Angle Air Flow



Cord Winder





Cross Drift Technology



Advanced Ice Chamber



Collapsible Louvers



Easy Clean

# **TOWER AIR COOLERS**

# TA40BEA 40 Litres



Cooling Efficiency >60%



ELITA

Cross Drift Technology



High-efficiency Honeycomb Pad with Anti-microbial Properties



Remote Control Operation



Real Time Humidity Control



Touch Interface



Advanced Ice Chamber



Empty Tank Indicator



AIR FLOW: 1000 m3/hr

Cooling Efficiency >60%

High-efficiency Honeycomb Pad

with Anti-microbial



Cross Drift Technology



Advanced Ice Chamber



Air Flow



Collapsible Louvers



Cord Winder



Easy Clean









Cooling Efficiency >60%



Cross Drift Technology



High-efficiency Honeycomb Pad with Anti-microbial Properties



Remote Control Operation



Real Time Humidity Control



Touch Interface



Advanced Ice Chamber



Empty Tank Indicator

### AURA DUO



60 Litres AIR FLOW: 4000 m³/hr





Cooling Efficiency >70%



Dual Cool Technology



Collapsible Louvers



Metal Blade Fan



Auto Fill



Ice Chamber



Cord Winder



Easy Clean



Cooling Efficiency >70%



Dual Cool Technology



Metal Blade Fan



Auto Fill

Collapsible

Louvers



Ice Chamber



Cord Winder



Easy Clean

#### DA80PMC 80 Litres

80 Litres AIR FLOW: 4000 m³/hr



#### DA90PMC 90 Litres

AIR FLOW: 4000 m<sup>3</sup>/hr





Cooling Efficiency >70%



Dual Cool Technology



Collapsible Louvers



Metal Blade Fan



Auto Fill



Ice Chamber



Cord Winder



Easy Clean

# **UNIQUE FEATURES**



### Ice Chamber

Allows user to pour ice cubes to boost the cooling experience.



### **Multiple Fan Speeds**

Three fan speed options – High, Medium and Low allow you to maintain optimum comfort.



### **Easy Clean**

Innovative technology to protect the fan and pump motors from overheating and to enhance the life of the cooler.



### **Castor Wheels**

Easy mobility whenever and wherever you need.





### Empty Tank Indicator

LED glows when the water level is low to indicate a refill.



# Ultraviolet Protection Coat

UV protection for the air cooler body to protect from direct sunlight.

## AURA DUO



60 Litres AIR FLOW: 4000 m³/hr





Cooling Efficiency >70%



Dual Cool Technology



Collapsible Louvers



Metal Blade Fan



Touch Interface



Remote Control Operation



Humidity Control



Auto Fill

### AURA NEO



High-efficiency Honeycomb Pad with Anti-microbial Properties



Collapsible Louvers



Metal Blade Fan



Ice Chamber



Auto Fill



Easy Clean



Wide Angle Air Flow



Thermal Overload Protection

#### DA75PMH 75 Litres AIR FLOW: 3800 m<sup>3</sup>/hr



#### DA90PMH 90 Litres

AIR FLOW: 4200 m<sup>3</sup>/hr





High-efficiency Honeycomb Pad with Anti-microbial Properties



Collapsible Louvers



Metal Blade Fan



Ice Chamber



Auto Fill



Easy Clean



Wide Angle Air Flow



Thermal Overload Protection

# AURA JUNIOR







High-efficiency Honeycomb Pad with Anti-microbial Properties



Collapsible Louvers



Auto Fill



Ice Chamber



Easy Clean



Wide Angle Air Flow



Thermal Overload Protection



Works on Inverter

### MAGNA



Cross Drift Technology



High-efficiency Honeycomb Pad with Anti-microbial Properties





PM2.5 Silver Nano Purification



Anti-Drip Mechanism



Cord Winder



Wide Angle Air Flow



Thermal Overload Protection

### DA60EMA

60 Litres AIR FLOW: 3500 m³/hr



### DA35LMB

35 Litres AIR FLOW: 3900 m³/hr





High-efficiency Honeycomb Pad with Anti-microbial Properties



CELESTA

Uniform Drip Technology



Easy Clean



Cord Winder



Wide Angle Air Flow



Thermal Overload Protection



Works on Inverter



Castor Wheels

# CELESTA

50 Litres AIR FLOW: 3900 m<sup>3</sup>/hr

### DA50LMB





High-efficiency Honeycomb Pad with Anti-microbial Properties



Uniform Drip Technology



Easy Clean



Cord Winder



Wide Angle Air Flow



Thermal Overload Protection



Works on Inverter



Castor Wheels



High-efficiency Honeycomb Pad with Anti-microbial Properties



Uniform Drip Technology



Easy Clean



Cord Winder



Wide Angle Air Flow



Thermal Overload Protection



Works on Inverter



Castor Wheels







# **WINDOW AIR COOLERS**

# FABIA-







Humidity Control



Auto Fill



Wide Angle Air Flow



Works on Inverter



Mosquito/ **Dust Filter** 



Uniform Drip Technology



Thermal Overload Protection



Automatic Louver Movement



High-efficiency Honeycomb Pad with Anti-microbial **Properties** 



Cord Winder



Uniform Drip Technology



Wide Angle Air Flow



Thermal Overload Protection



Works on Inverter



Automatic Louver Movement



Ice Chamber



### **OA70PMW**

70 Litres AIR FLOW: 5000 m<sup>3</sup>/hr





18 Inch Fan



Large Tank Capacity



Wide Angle Air Flow



Works on



Collapsible Louvers



Uniform Drip Technology



Thermal Overload Protection



Automatic Louver Movement

# TECHNICAL SPECIFICATIONS











	PERSONAL A	AIR COOLERS	WINDOW AIR COOLERS				
	AS.	TRA	FABIA				
Model Number	PA10PMA	PA17LMA	OA54PMW	OA60LMB	OA70PMW		
Tank Capacity (up to Brim-Ltr)	10	17	54	60	70		
Air Delivery (m³/h)	650	1150	1750 1600 23.5 21.5		5000		
Coverage Area (sq.m.)	8	14	23.5 21.5		50		
Coverage Area (sq.ff.)	85	150	250 235		540		
Cooling Medium	Anti-Microbial Honeycomb Pad	Anti-Microbial Honeycomb Pad	250   235		Wood Wool		
Cross Drift Technology	No	Yes	No No		No		
PM2.5 Silver Nano Purification	No	No	No No		No		
Mosquito/Dust Filter	Yes	Yes	Yes No		Yes		
Ultraviolet Protection Coat	No	No	No No		No		
Remote Control	No	No	No	No	No		
Auto Fill	No	No	Yes	No	Yes		
Ice Chamber	Yes	Yes	No	Yes	No		
Castor Wheels	No	Yes	On Trolley	No	On Trolley		
Input Power (Watts)	130	140 200 30		300	175		
Net Weight (Kg)	5.3	8.3	12.8	13.8	18.3		
Net Dimension (WxDxH) (mm)	290x265x515	450x340x680	645x540x560	640x500x655	685x670x845		



	TOWER AIR COOLERS						
	PRE	MIA	ELITA				
Model Number	PA27PMC	PA35LMA	TA40BMA	ТА55ВМА	TA40BEA	TA55BEA	
Tank Capacity (up to Brim-Ltr)	27	35	40	55	40	55	
Air Delivery (m³/h)	1250	900	1000	1000	1000	1000	
Coverage Area (sq.m.)	17.5	12	20	20	20	20	
Coverage Area (sq.ft.)	180	130	215	215	215	215	
Cooling Medium	Anti- Microbial Honeycomb Pad	Anti- Microbial Honeycomb Pad	Anti- Microbial Honeycomb Pad	Anti- Microbial Honeycomb Pad	Anti- Microbial Honeycomb Pad	Anti- Microbial Honeycomb Pad	
Cross Drift Technology	Yes	No	Yes	Yes	Yes	Yes	
PM2.5 Silver Nano Purification	Yes	No	No	No	No	No	
Mosquito/Dust Filter	Yes	Yes	Yes (Dual)	Yes (Dual)	Yes (Dual)	Yes (Dual)	
Ultraviolet Protection Coat	No	Yes	No	No	No	No	
Remote Control	No	No	No	No	Yes	Yes	
Auto Fill	No	No	No	No	No	No	
Ice Chamber	Yes	Yes	Yes	Yes (Functional)	Yes (Functional)	Yes (Functional)	
Castor Wheels	Yes	Yes	Yes	Yes	Yes	Yes	
Input Power (Watts)	130	140	200	200	200	200	
Net Weight (Kg)	9.8	10.5	13.8	15.3	13.8	15.3	
Net Dimension (WxDxH) (mm)	340x355x930	340x370x1220	452x416x1135	452X416X1245	452x416x1135	452X416X1245	



	DESERT AIR COOLERS						
	AURA JUNIOR		AURA DUO				
Model Number	DA43PMH	DA60PMC	DA80PMC	DA60PEC	DA90PMC		
Tank Capacity (up to Brim-Ltr)	43	60	80	60	90		
Air Delivery (m³/h)	2400	4000	4000	4000	4000		
Coverage Area (sq. m.)	27.8	39	39	39	39		
Coverage Area (sq. ft.)	300	420	420	420	420		
Cooling Medium	Anti- Microbial Honeycomb Pad	Dual Cool Technology	Dual Cool Technology	Dual Cool Technology	Dual Cool Technology		
Cross Drift Technology	No	No	No	No	No		
PM2.5 Silver Nano Purification	No	No	No	No	No		
Mosquito/Dust Filter	No	No	No	No	No		
Ultraviolet Protection Coat	No	No	No	No	No		
Remote Control	No	No	No	Yes	No		
Auto Fill	Yes	Yes	Yes	Yes	Yes		
Ice Chamber	Yes	Yes	Yes	Yes	Yes		
Castor Wheels	Yes	Yes	Yes	Yes	Yes		
Input Power (Watts)	110	190	190	190	190		
Net Weight (Kg)	9.6	15	15.6	15	15.8		
Net Dimension (WxDxH) (mm)	520x350x995	610x405x1100	610x405x1190	610x405x1100	610x405x1210		



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	DESERT AIR COOLERS					
	AURA NEO		CELESTA			MAGNA
Model Number	DA75PMH	DA90PMH	DA35LMB	DA50LMB	DA75LMB	DA60EMA
Tank Capacity (up to Brim-Ltr)	75	90	35	50	75	60
Air Delivery (m³/h)	3800	4200	3900	3900	4700	3500
Coverage Area (sq. m.)	37	41	35	35	50	37
Coverage Area (sq. ft.)	400	440	375	375	540	400
Cooling Medium	Anti- Microbial Honeycomb Pad	Anti- Microbial Honeycomb Pad	Anti- Microbial Honeycomb Pad	Anti- Microbial Honeycomb Pad	Anti- Microbial Honeycomb Pad	Anti-Microbial Honeycomb Pad
Cross Drift Technology	No	No	No	No	No	Yes
PM2.5 Silver Nano Purification	No	No	No	No	No	Yes
Mosquito/Dust Filter	No	No	No	No	No	Yes
Ultraviolet Protection Coat	No	No	No	No	No	No
Remote Control	No	No	No	No	No	No
Auto Fill	Yes	Yes	No	No	No	Yes
Ice Chamber	Yes	Yes	Yes	Yes	Yes	No
Castor Wheels	Yes	Yes	Yes	Yes	Yes	Yes
Input Power (Watts)	175	175	190	190	175	200
Net Weight (Kg)	14.4	15	15.4	15.9	16.6	19.1
Net Dimension (WxDxH) (mm)	620x405x1210	620x405x1225	610x405x1040	610x405x1115	655x520x1118	520x645x1150





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