

# Air purifiers

MA-E85R-E MA-E100R-E



# Why choose a Mitsubishi Electric air purifier?

**MA-E85R-E**



**MA-E100R-E**



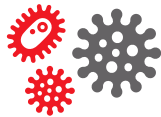




### What is indoor air quality?

The term “Indoor air quality” refers to the air quality in buildings, facilities, and enclosed spaces with a direct impact on occupants’ health and safety.

A space free of impurities and contaminants contributes to personal well-being, helping to:



Avoid illnesses caused by germs and microorganisms, e.g. viruses and bacteria



Reduce allergic symptoms



Improve sleep and rest quality



Improve blood circulation and general health





## Why choose an air purifier and what you need to consider

Air purifiers are generally composed of a fan and a series of high performance filters capable of intercepting and neutralizing the main airborne contaminants.

One of the main parameters used to establish the effectiveness of an air purifier is the **CADR** or Clean Air Delivery Rate provided by the appliance.

**The higher the CADR, the greater the effectiveness and air purification capacity.**





### Why choose our purifiers?



#### High capacity air purification with short cleaning times

Thanks to their very high Clean Air Delivery Rates, Mitsubishi Electric air purifiers can clean the air in rooms of up to 100m<sup>2</sup> with a CADR of up to 612 m<sup>3</sup>/h, one of the highest in the residential air purifiers market.

The filtration system captures more than 99% of microscopic airborne particles with a HEPA filter, removes odours, and neutralizes harmful substances such as formaldehyde by means of an activated carbon filter (combined with a platinum catalytic filter).



#### Easy use and maintenance

Mitsubishi Electric air purifiers are designed so that the filters can last for up to 8 years, resulting in a big reduction in maintenance costs.



#### Perfect for your comfort whatever the space

Minimalist, simple and rational styling with compact dimensions make it possible to install Mitsubishi Electric air purifiers unobtrusively in any convenient corner of the room. The appliances are designed to be easily transportable so they can be easily positioned wherever you prefer.

# The clean air you deserve

MA-E85R-E

CADR  
**508**  
m³/h

## ELEGANT SIMPLICITY

Mitsubishi Electric Air Purifiers offer a minimalist look with clean lines and neutral colours so they blend perfectly with all types of décor.

## ATTENTIVE TO AIR PURITY

Mitsubishi Electric air purifiers monitor air quality in the room, measuring the concentration of PM2.5, dust and odours in the room by means of dedicated sensors.



A tall, white, rectangular Mitsubishi Electric air purifier stands on a light-colored floor against a white brick wall. To its right are two potted plants: a small cactus in a white and grey pot, and a snake plant in a grey pot. A hanging plant with green leaves is visible in the upper left corner. A red banner is overlaid on the right side of the image, containing text about the air purifier's features and specifications.

**MA-E100R-E**

CADR  
**612**  
m<sup>3</sup>/h

## SILENCE IN THE AIR

Clean air sounds like a gentle breeze through leaves (22dB(A)\*), a sound that is emulated by Mitsubishi Electric Air Purifiers in the Low and Night modes.

## DURABLE QUALITY

The minimalist styling of the air purifiers is timeless. Perfect for any room.

Likewise their operation: easy to maintain, quick to clean, and with a lifetime guaranteed for years, Mitsubishi Electric appliances are designed to assure long-lasting performance.

\*For more details, refer to the product's technical specifications.

## MA-E85R-E and MA-E100R-E Air purifiers

### MA-E100R-E

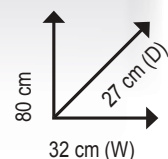
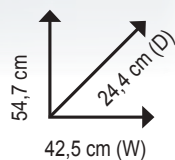
CADR  
**612**  
m<sup>3</sup>/h

- The ideal solution for large spaces
- Occupancy sensor: i-See Sensor
- Automatic movements and louvres control
- One of the highest CADRs in its class
- Styling developed around the minimum possible footprint

### MA-E85R-E

CADR  
**508**  
m<sup>3</sup>/h

- Clean the air in your home in record time
- Self-cleaning system
- Compact dimensions
- Designed for apartments





**Perfect for any room**



# MA-E85R-E Air purifier

## IMPROVE THE AIR YOU BREATHE

Compact, with clean and minimalist lines, model MA-E85R-E offers outstanding air filtration capacity!

With its three filters (+1) it cleans the air of PM2.5 particles, viruses, bacteria, dust, and allergens, also removing unpleasant odours.



**Traps large diameter particles**  
and transfers them  
to the dedicated dust box

**Self-cleaning pre-filter  
with dust-capture system**





# The last word in filtration, with 3+1 levels

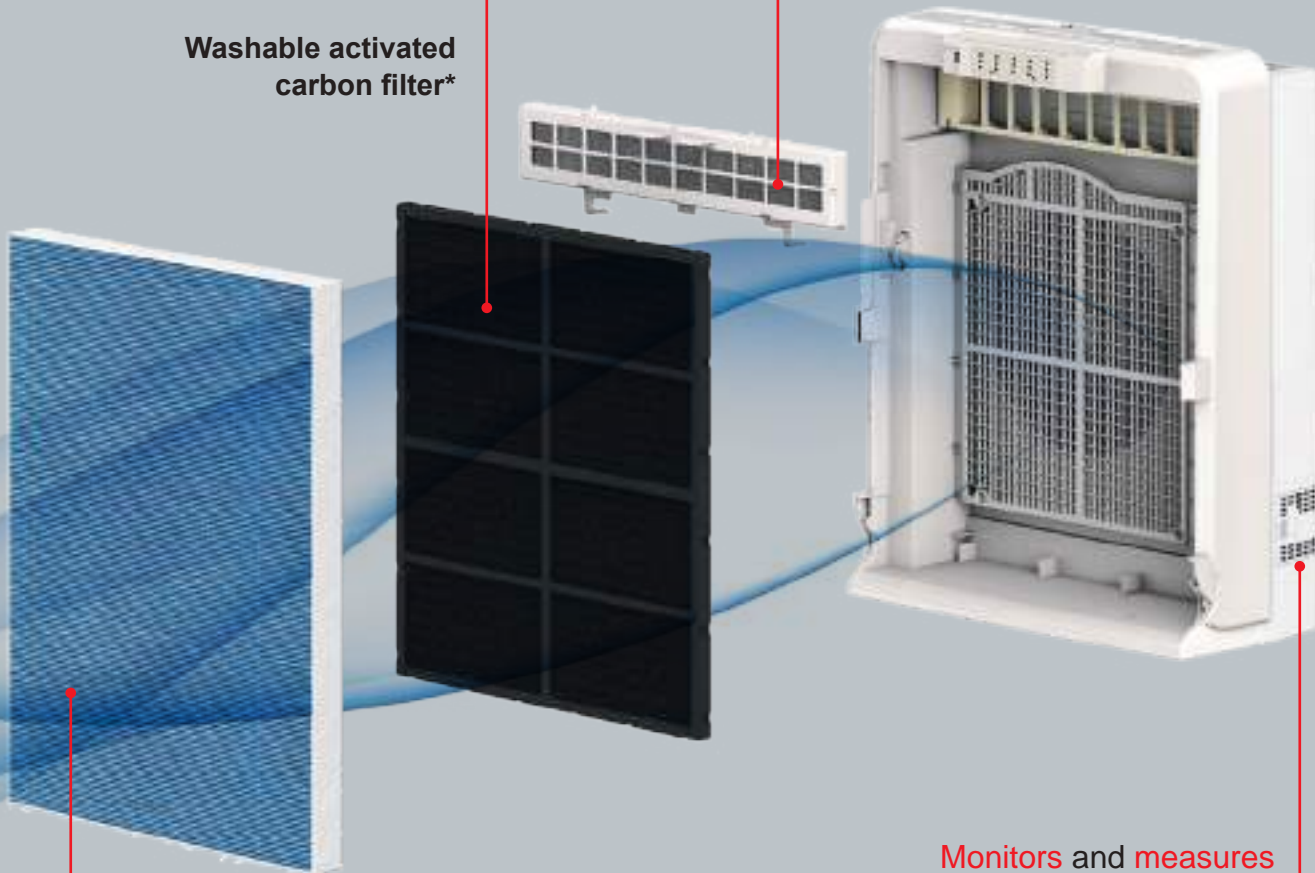
Purifies and deodorizes  
the air,  
removing up to 99%  
of formaldehyde, VOCs,  
ammonia and benzene

Washable activated  
carbon filter\*



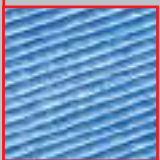
Deodorizing  
action

Platinum  
catalytic filter



Monitors and measures  
the substances found in the  
air to optimize purification

PM2.5 Sensor



Captures more than 99%  
of airborne particles from 0.1  
micron and above, including  
viruses, allergens, dust, and  
bacteria

High efficiency  
HEPA filter

# Evolved air management solutions

**Monitors the room**

and detects the presence of people: no more annoying draughts

**i-See sensor**

**Detects** the substances found in the air to optimize purification

**PM2.5 Sensor**

**Purifies and deodorizes**

the air, removing up to 99% of formaldehyde, VOCs, ammonia and benzene

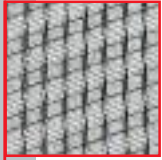
**Washable activated carbon filter\***

**Captures more than 99%** of airborne particles from 0.1 micron and above, including viruses, allergens, dust, and bacteria

**Dual level high-efficiency HEPA filter**

\*For more details, refer to the product's technical specifications.





**Captures** larger diameter particles

**Prefilter**

## A CLEAN AND COMFORTABLE ENVIRONMENT



Apart from its incredible air filtration and purification abilities, the MA-E100R-E air purifier monitors the environment around it: air quality is enhanced and living spaces become more agreeable.



The air flow is self-regulated and directed to wherever it is needed

**Auto turn and motorized louvers**

Detects airborne odours

# Exceptionally high air quality

## Which is the best air purifier for my needs?

MA-E85R-E and MA-E100R-E are designed to meet the needs of everyone, in all types of surroundings.

Higher **CADR** values mean less time required to clean the air in the room.

Model **MA-E85R-E** is the perfect solution if you need a compact appliance that's easy to transport and position in different rooms.

Model **MA-E100R-E** is the perfect solution if you're looking for an appliance with minimalist styling and high performance, ideal also for large rooms.



Viruses



Bacteria



Pollen



Pollutants



Cigarette  
Smoke



Dust



CADR  
**508**  
m<sup>3</sup>/h

MA-E85R-E		
m <sup>2</sup> Room	Minutes to clean the entire room*	Air replace- ments per hour
10	3	19
15	5	12
20	6	10
25	8	8
30	10	6
40	13	4
50	16	3



CADR  
**612**  
m<sup>3</sup>/h

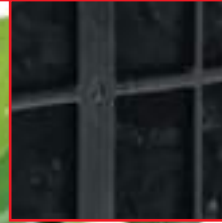
MA-E100R-E		
m <sup>2</sup> Room	Minutes to clean the entire room*	Air replace- ments per hour
10	3	23
15	4	15
20	5	12
25	7	9
30	8	8
40	11	5
50	13	4
60	16	3

\*Calculation considering ceiling height of 2.7m, with the air purifier operating at the maximum speed. Estimated time to clean the entire volume of air in the room.

## ACTIVATED CARBON FILTER

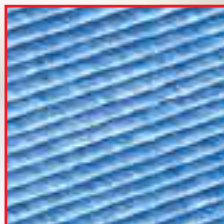
The activated carbon filter in Mitsubishi Electric air purifiers removes up to 99% of harmful substances. The activated carbon absorbs and removes formaldehyde, benzene, ammonia, VOCs, fumes, and odours present in the air.

The filter is washable and easy to service for longer life while guaranteeing the maximum performance at all times.



## HEPA FILTER

Mitsubishi Electric has developed a HEPA filter that can remove airborne viruses, allergens, dust, bacteria, and pollutant particles from 0.1 micron and above. The result is exceptionally effective air purification with the removal of more than 99% of particles of 0.1 micron and above, and 99.97% of particles of 0.3 micron and above: a guarantee of truly clean air.





# Enjoy the air around you

## 5 DIRECTIONS FOR A SUPER-IMMERSIVE AIR FLOW

### AN IMMERSIVE AIR FLOW

The purified air flow produced by Mitsubishi Electric air purifiers is massive in order to provide rapid and complete filtration.

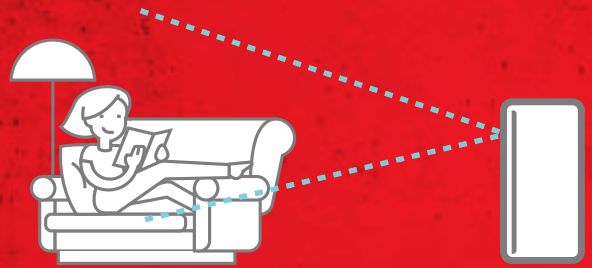
Model MA-E85R-E guarantees a clean air delivery rate of 508 m<sup>3</sup>/h, while model MA-E100R-E guarantees a clean air delivery rate of 612 m<sup>3</sup>/h, values that are among the highest on the market.





## IDENTIFIES AND TRAPS IMPURITIES

Thanks to "Smart search" and the motorized louvres, model MA-E85R-E can identify the contaminants present in the air and optimize its filtration actions. MA-E100R-E uses the iSee Sensor, Auto Turn, motorized louvres and different fan speeds to capture harmful substances in the air and direct the clean air delivery flow without disturbance.









# Technical Information



## Product characteristics overview

Technical specifications AIR PURIFIERS				
MODEL			MA-E85R-E	MA-E100R-E
Filtration	Prefilter		Yes (Self-cleaning)	Yes
	Main filter		Hepa (3.38 m <sup>2</sup> )	Hepa (3.73 m <sup>2</sup> )
	Deodorizing filter		Washable activated carbon (500 grams)	Washable activated carbon (500 grams)
	Catalytic filter		Platinum catalyst	-
	Main filter lifetime	Years (turbo - silent)	1.6 - 8*	0.8 - 4.5*
Functions	Motorized louvre		Vertical and horizontal	Vertical and horizontal
	I-see sensor		-	Yes (150° angle)
	Smart search		Yes	-
	Auto turn		-	Yes (90° rotation)
	Night Mode		Yes	Yes
	Indicator (Dust - PM2.5 - Odour)		Yes	Yes
	PM 2.5 sensor		Yes	Yes
Air Delivery	CADR	m <sup>3</sup> /h	508	612
	Room size	m <sup>2</sup>	35 - 60	43 - 73
	Sound pressure (Sil-Low-Mid-Hi-Turb)	dB(A)	22-27-33-43-55	22-40-55
Dimensions	Dimensions (H x W x D)	mm	547 x 425 x 244	800 x 320 x 270
	Weight	kg	9.9	13.4
Power	Power (Standby - Min - Max)	Watts	1.0 - 6.0 - 86.0	1.0 - 7.0 - 82.0
Made in			Made in Japan	Made in Japan

\*Data for continuous operation 24h/day



## Filtration characteristics and test methods employed

Value	Test room	Test method	MA-E85R-E	MA-E100R-E
CADR		GB/T18001-2015	508m³/h	612m³/h
Viruses capture	25 m³	JEM1467	11 min	11 min
PM2.5 capture after 10 minutes		GB/T18001-2015	93,6%	96,1%
99% PM2.5 capture	30 m³	JEM1467	18 min	16 min
99% PM2.5 capture	30 m³	GB/T18001-2015	20 min	20 min
99% formaldehyde capture	30 m³	GB/T18001-2015	25 h	18 h
99% benzene capture	30 m³	GB/T18001-2015	3 h	2 h
99% VOCs capture	30 m³	GB/T18001-2015	3 h	2 h
99% ammonia capture	30 m³	GB/T18001-2015	1 h	1 h
99% 0.1 micron particulate capture		GB/T18001-2008 GB/T18883-2002	1 h	1 h





Centro Direzionale Colleoni  
Viale Colleoni, 7 - Palazzo Sirio  
20864 Agrate Brianza (MB)  
tel. 039.60531 - fax 039.6053223  
e-mail: clima@it.mee.com



The equipment described in this catalogue contain fluorinated gasses such as HFC-32 (GWP 675), HFC-410A (GWP 2088). Installation of those equipment must be executed by professional installer based on EU reg. 303/2008 and 517/2014

Air Purifiers Brochure  
E-2105258(16890)

*Specifications are subject to change without notice*



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[les.mitsubishielectric.it/en/products/](https://les.mitsubishielectric.it/en/products/)