

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 ²)	Hepa (3.73 m ²)
	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 ³ /h	508	612
	Room size	m ²	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