

Ururu streamer  
technology air purifier  
Air Conditioning  
Technical Data  
MCK55W





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## MCK55W

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# 1 Features

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## Powerful air purification

- 1
  - › Effectiveness against respiratory viruses evaluated by Institute Pasteur de Lille
  - › Pure air thanks to Daikin 'Catch and Clean' approach in decomposing harmful substances
  - › High performance electrostatic HEPA filter which doesn't clog easily, hence causes low pressure loss

- › One of the most silent Air Purifier range on the European market
- › No need to change the filter for ten years, resulting in low maintenance costs
- › Purifies the air in rooms up to 82m<sup>2</sup>, perfect for large living areas



Humidification Flash Streamer

## 2 Specifications

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Technical specifications					MCK55W
Type					Humidifying air purifier
Application					Floor standing type
CADR				m³/h	320 <b>(3)</b>
Casing		Colour			White
Dimensions	Unit	Height	mm	700	
		Width	mm	270	
		Depth	mm	270	
	Packed unit	Height	mm	330	
		Width	mm	798	
		Depth	mm	330	
Weight	Unit	kg		9.5	
	Packed unit	kg		13.5	
Applicable room area				m²	41 <b>(1)</b> / 82 <b>(2)</b>
Air purifying operation	Power input	Turbo	kW	0.056	
		M	kW	0.017	
		L	kW	0.010	
		Silent	kW	0.007	
Humidifying operation	Power input	Turbo	kW	0.058	
		M	kW	0.019	
		L	kW	0.014	
		Silent	kW	0.011	
	Humidifi- cation <b>(4)</b>	Turbo	ml/h	500	
		Medium	ml/h	300	
		Low	ml/h	240	
		Silent	ml/h	200	
	Water tank capacity		l	2.7	
Sound pressure level <b>(5)</b>	Air purifying operation	Turbo	dB(A)	53.0	
		Medium	dB(A)	39.0	
		Low	dB(A)	29.0	
		Silent	dB(A)	19.0	
	Humid- ifying operation	Turbo	dB(A)	53.0	
		Medium	dB(A)	39.0	
		Low	dB(A)	33.0	
		Silent	dB(A)	25.0	
Fan	Type	Multi Blade Fan (Sirocco fan)			
	Air flow rate	Air purifying operation	Turbo	m³/h	330
Fan	Air flow rate	Air purifying operation	Medium	m³/h	192
			Low	m³/h	120
			Silent	m³/h	54
		Humid- ifying operation	Turbo	m³/h	330
			Medium	m³/h	192
			Low	m³/h	144
			Silent	m³/h	102
			Fan motor	Speed	Drive
Dust collecting method					Electrostatic HEPA filter <b>(7)</b>
Deodorizing method					Flash streamer + Deodorizing catalyst
Air filter	Type	Polyethylene terephthalate net			
Sign	Item	01			Dust: 3 stages / Odour: 3 stages / Anti-pollen mode / Water supply lamp / Child proof lock lamp / ON/ OFF lamp / Streamer lamp / Econo mode / MOIST mode / AUTO FAN mode / PM 2.5 sensor lamp: 3 stages / Humildity monitor lamp: 5 stages / Humildity setting: Low/Standard/High / Airflow rate: Quiet/Low/Standard/Turbo / Humidity on/off

Standard accessories: Remote control lid; Quantity: 1;

Standard accessories: Remote control holder; Quantity: 1;

Standard accessories: Electrostatic HEPA filter; Quantity: 1; **(6) (7)**

Standard accessories: Humidifying filter; Quantity: 2; **(6)**

Standard accessories: Deodorising filter; Quantity: 1;

Standard accessories: Operation manual; Quantity: 1;

Standard accessories: Caster; Quantity: 4;

Electrical specifications					MCK55W
Power cord					1.8
Power supply	Phase				1~
	Frequency				50/60
	Voltage				220-240/220-230
	Plug	Type			C

## 2 Specifications

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2

Electrical specifications				MCK55W
Running current	Air purifying operation	Turbo	A	0.50
		Medium	A	0.19
		Low	A	0.12
		Silent	A	0.09
	Humidifying operation	Turbo	A	0.50
		Medium	A	0.20
		Low	A	0.15
		Silent	A	0.13

(1)The applicable room area is appropriate for operating the unit of maximum fan speed (HH). Applicable room area indicates the space where a certain amount of dust particles can be removed in 30 minutes. (JEM 1467) |

(2)Converted to NRCC standards from test values in accordance with JEM1467. |

(3)Converted to CADR standards from test values in accordance with JEM1467. |

(4)Humidification amount changes in accordance with indoor and outdoor temperature and humidity. Measurement condition: 20°C in temperature, 30% in humidity. |

(5)Operating sound levels are the average of values measured at 1m away from the front, left, right and top of the unit. (These are equal to the values in an anechoic chamber) |

(6)Electrostatic HEPA filter and humidifying filters are attached in the unit. |

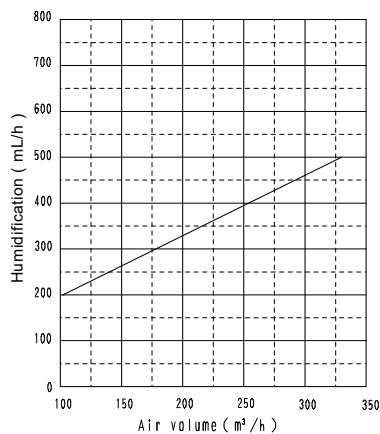
(7)Requirements according to JEM1467. |

# 3 Capacity tables

## 3 - 1 Cooling/Heating Capacity Tables

MCK55W

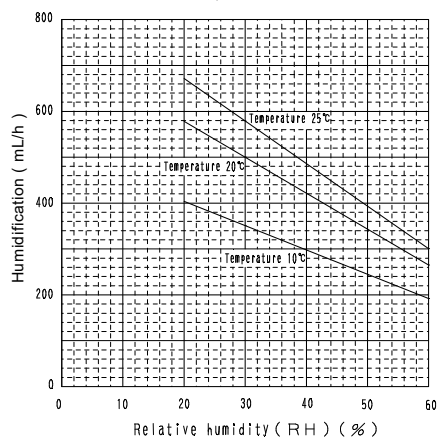
Humidification vs. Air volume



Operating condition

Power source	220V-240V/220-230V 50/60Hz
Temperature and Humidity setting	JEM 1426
Temperature	20°C
Humidity	30%
Humidity setting	High

Humidification vs. Relative Humidity



Operating condition

Power source	220V-240V/220-230V 50/60Hz
Air volume	Turbo
Humidity setting	High

Measurement condition on terms : 20°C in temperature  
30% in humidity. (JEM 1426)

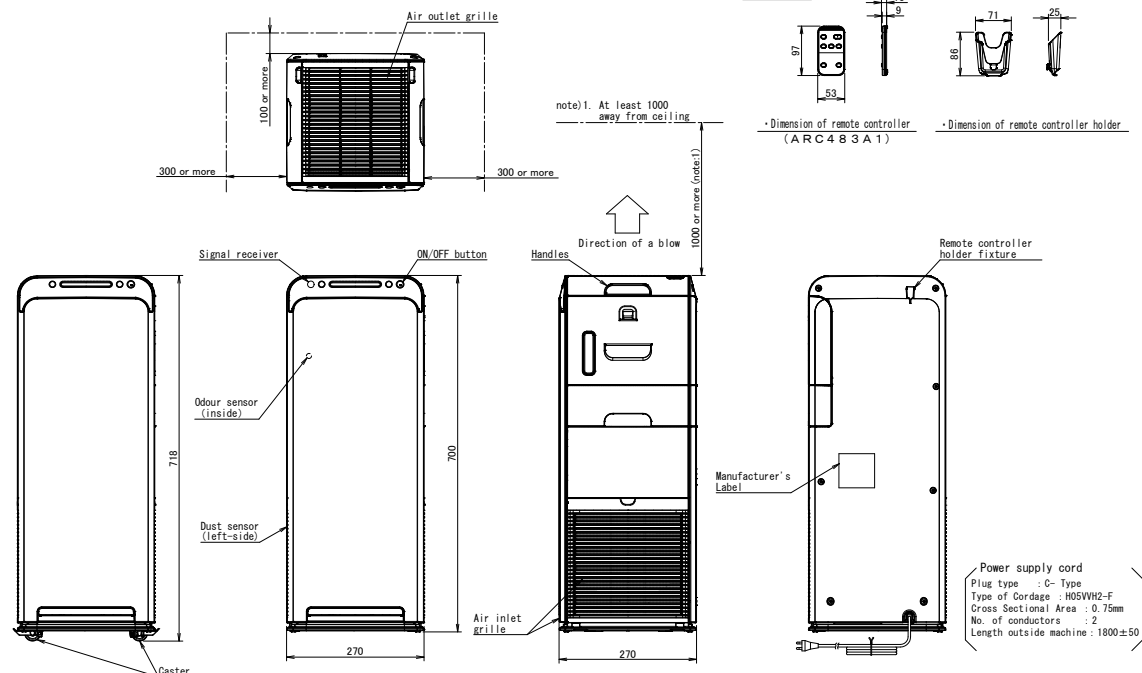
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# 4 Dimensional drawings

## 4 - 1 Dimensional Drawings

### MCK55W

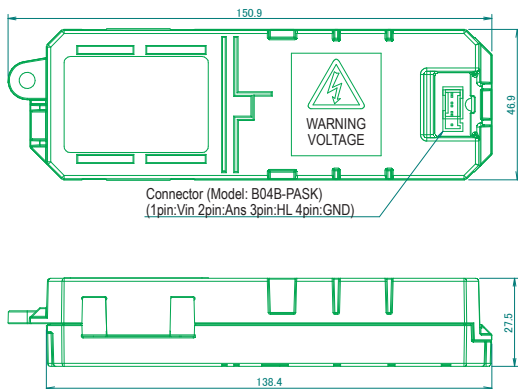
• Required installation space (If installed on the floor)



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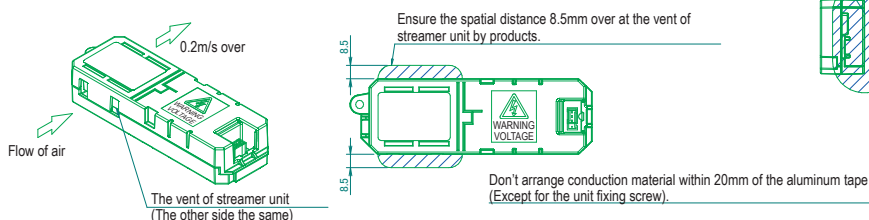
### MC55W MC55VB MCK55W

• Outside size



• Method of mounting

Don't blockage the vent of streamer unit.  
Ensure the exit wind speed 0.2m/sec of the vent.  
Ensure the spatial distance 8.5mm over at the vent of streamer unit.



• Main specifications

Items	Contents
Outside	Outside size: 150.9×46.9×27.5mm
	Weight: 100g
Material of resin	Material: ABS
	Flame retardance: UL94-5VA
	Tracking index: Over CTI600V
Applicable laws	Electrical Appliance and Material Safety Act IEC60335-1(4th), IEC60335-2-65(4th)
Ambient conditions	Storage temperature: -25~70 (Non-Energization) Operating ambient temperature: -10~60 (Energization) Operating ambient humidity: 5~95%RH (No dew deposit)
Basic specifications	Input voltage: 14V±5% Maximum output voltage: 6.5±0.5kV Rating output voltage: 5.0±0.5kV Rating output current: Hi 55.5µA±10%, Lo 10µA±10% ON/OFF: Inputted voltage into Vin (ON/OFF) Hi ↔ Lo Switching: Inputted 5V into HL (Loe tap) Current monitor: Yes Detectable over current: Yes Detectable low voltage: Under 3kV
Generation amount of Ozone	4.26ml/hr (Hi 14±2; 50±10%RH)
Method of mounting	Fixing by the right and left hook Fixing by the screw section

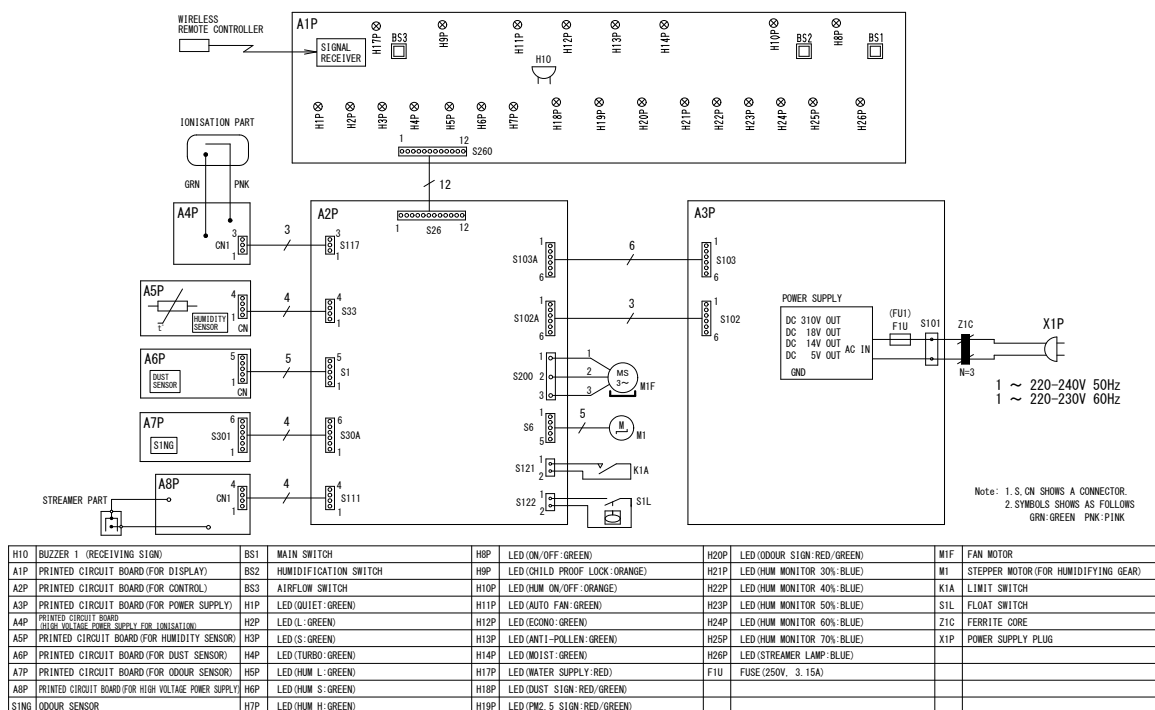
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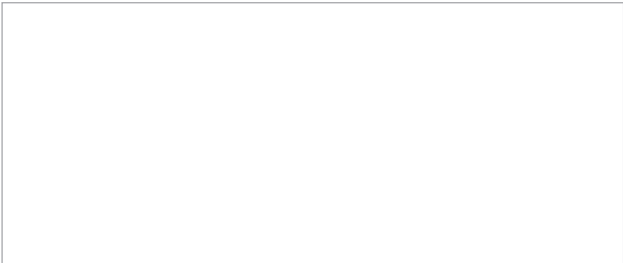
# 5 Wiring diagrams

## 5 - 1 Wiring Diagrams - Single Phase

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