MITSUBISHI ELECTRIC

SPLIT-TYPE AIR CONDITIONERS

Changes for the Better

Mitsubishi Electric Quality

Wrap Yourself in Comfort and Quiet
Eco-conscious Technologies from Japan

Full Product Line Catalogue 2019 Addendum

for a greener tomorrow eco Changes

M

SERIES

MSZ-H SERIES

Compact, high-performance indoor and outdoor units and advanced inverter technologies provide superior energy savings and comfort in all rooms.

MSZ-HJ25/35/50VA

MSZ-HJ60/71VA

Stylish Design with Flat Panel Front

A stylish flat panel design is employed for the front of the indoor unit. The simple look matches room aesthetics.

Advanced Inverter Control – Efficient Operation All the Time

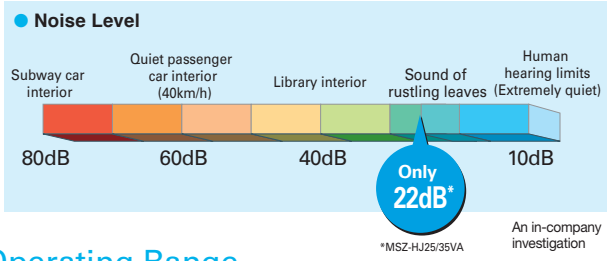
DC Inverter

25/35	25/35	50/60/71	50/60/71
SEER	SCOP	SEER	SCOP
A	A	A+	A+

Mitsubishi Electric's cutting-edge inverter technologies are adopted to provide automatic adjustment of operation load according to need. This reduces excessive consumption of electricity, and thereby realises an Energy Rank "A" rating for 25/35 classes and "A+" for 50/60/71 classes.

Silent Operation

Quiet, relaxing space is within reach. Operational noise is a low 22dB (25/35 classes). Operation is so silent you might even forget the air conditioner is on.



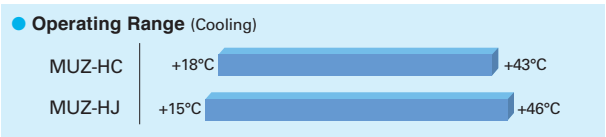
Long Piping Length

Compared to previous models, the piping length is significantly increased, further enhancing the ease and flexibility of installation.

	MSZ-HJ60/71	MSZ-HJ25/35/50	MSZ-HC
Max piping length	30m	20m	10m
Max piping height difference	15m	12m	5m

Operating Range

As a result of an extended operating range in cooling, these models accommodate a wider range of usage environments and applications than previous models.



Compact Units

The widths of both indoor and outdoor units are compact, making installation in smaller, tighter spaces possible.

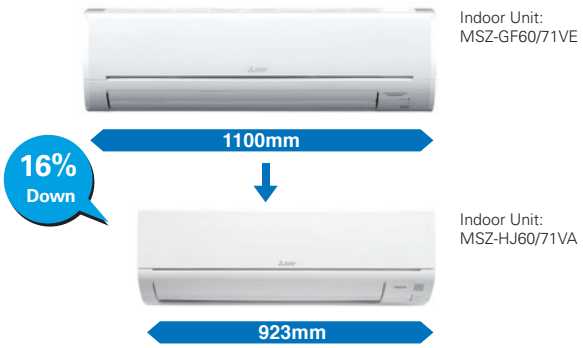
Indoor Unit: MSZ-HJ25/35/50VA

Only 799mm width

Outdoor Unit: MUZ-HJ25/35VA

Only 699mm width

Compared to other models, width is down by 16%.



MSZ-H SERIES

Indoor Unit

MSZ-HJ25/35/50VA

MSZ-HJ60/71VA

Outdoor Unit

MUZ-HJ25/35VA

MUZ-HJ50VA

MUZ-HJ60/71VA

Remote Controller

MSZ-HJ SERIES

Type				Inverter Heat Pump				
Indoor Unit				MSZ-HJ25VA	MSZ-HJ35VA	MSZ-HJ50VA	MSZ-HJ60VA	MSZ-HJ71VA
Outdoor Unit				MUZ-HJ25VA	MUZ-HJ35VA	MUZ-HJ50VA	MUZ-HJ60VA	MUZ-HJ71VA
Refrigerant				R410A(*1)				
Power Supply	Source			Indoor Power supply				
	Outdoor (V / Phase / Hz)			230V/Single/50Hz				
Cooling	Design load		kW	2.5	3.1	5.0	6.1	7.1
	Annual electricity consumption (*2)		kWh/a	171	212	292	354	441
	SEER (*4)			5.1	5.1	6.0	6.0	5.6
		Energy efficiency class		A	A	A+	A+	A+
	Capacity	Rated	kW	2.5	3.15	5.0	6.1	7.1
		Min-Max	kW	1.3 - 3.0	1.4 - 3.5	1.3 - 5.0	1.7 - 7.1	1.8 - 7.1
	Total Input	Rated	kW	0.730	1.040	2.050	1.900	2.330
Heating (Average Season)(*5)	Design load		kW	1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)	4.6 (-10°C)	5.4 (-10°C)
	Declared Capacity	at reference design temperature	kW	1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)	4.6 (-10°C)	5.4 (-10°C)
		at bivalent temperature	kW	1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)	4.6 (-10°C)	5.4 (-10°C)
		at operation limit temperature	kW	1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)	4.6 (-10°C)	5.4 (-10°C)
	Back up heating capacity		kW	0.0 (-10°C)	0.0 (-10°C)	0.0 (-10°C)	0.0 (-10°C)	0.0 (-10°C)
	Annual electricity consumption (*2)		kWh/a	698	885	1267	1544	1854
	SCOP (*4)			3.8	3.8	4.2	4.1	4.0
		Energy efficiency class		A	A	A+	A+	A+
	Capacity	Rated	kW	3.15	3.6	5.4	6.8	8.1
		Min-Max	kW	0.9 - 3.5	1.1 - 4.1	1.4 - 6.5	1.5 - 8.4	1.5 - 8.5
	Total Input	Rated	kW	0.870	0.995	1.480	1.970	2.440
Operating Current (Max)			A	5.8	6.5	9.8	12.5	12.5
Indoor Unit	Input	Rated	kW	0.020	0.021	0.037	0.055	0.055
	Operating Current(Max)		A	0.3	0.3	0.4	0.5	0.5
	Dimensions	H*W*D	mm	290-799-232	290-799-232	290-799-232	305-923-250	305-923-250
	Weight		kg	9	9	9	13	13
	Air Volume (SLo-Lo-Mid-Hi-SHi(*3))(Dry/Wet))	Cooling	m^3/min	3.8 - 5.5 - 7.3 - 9.5	3.8 - 5.7 - 7.8 - 10.9	6.3 - 9.1 - 11.1 - 12.9	9.3 - 12.2 - 15.0 - 19.9	10.0 - 12.2 - 15.0 - 19.9
		Heating	m^3/min	3.5 - 5.5 - 7.5 - 10.0	3.5 - 5.5 - 7.5 - 10.3	6.1 - 8.3 - 11.1 - 14.3	9.4 - 12.5 - 16.0 - 19.9	10.3 - 12.7 - 16.4 - 19.9
	Sound Level (SPL) (SLo-Lo-Mid-Hi-SHi(*3))	Cooling	dB(A)	22 - 30 - 37 - 43	22 - 31 - 38 - 45	28 - 36 - 40 - 45	31 - 38 - 44 - 50	33 - 38 - 44 - 50
		Heating	dB(A)	23 - 30 - 37 - 43	23 - 30 - 37 - 44	27 - 34 - 41 - 47	31 - 38 - 44 - 49	33 - 38 - 44 - 49
	Sound Level (PWL)	Cooling	dB(A)	57	60	60	65	65
Outdoor Unit	Dimensions	H*W*D	mm	538-699-249	538-699-249	550-800-285	880-840-330	880-840-330
	Weight		kg	24	25	36	55	55
	Air Volume	Cooling	m^3/min	31.5	31.5	36.3	47.9	49.3
		Heating	m^3/min	31.5	31.5	34.8	47.9	47.9
	Sound Level (SPL)	Cooling	dB(A)	50	50	50	55	55
		Heating	dB(A)	50	50	51	55	55
	Sound Level (PWL)	Cooling	dB(A)	63	64	64	65	66
	Operating Current (Max)		A	5.5	6.2	9.4	12	12
	Breaker Size		A	10	10	12	16	16
Ext. Piping	Diameter	Liquid/Gas	mm	6.35/9.52	6.35/9.52	6.35/12.7	6.35/15.88	9.52/15.88
	Max.Length	Out-In	m	20	20	20	30	30
	Max.Height	Out-In	m	12	12	12	15	15
Guaranteed Operating Range (Outdoor)		Cooling	℃	+15 ~ +46	+15 ~ +46	+15 ~ +46	+15 ~ +46	+15 ~ +46
		Heating	℃	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24	-10 ~ +24
Refrigerant/GWP				R410A/2088(*1)				
Pre-Charged quantity		Weight	kg	0,70	0,72	1,15	1,80	1,80
		CO_2 equivalent	t	2,02	2,07	3,31	5,18	5,18
Max added quantity		Weight	kg	0,96	0,98	1,41	2,06	2,06
		CO_2 equivalent	t	2,76	2,82	4,06	5,93	5,93

(*1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO_2, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.
The GWP of R410A is 2088 in the IPCC 4th Assessment Report.
(*2) Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.
(*3) SHi: Super High
(*4) SEER, SCOP and other related description are based on COMMISSION DELEGATED REGULATION (EU) No.626/2011. The temperature conditions for calculating SCOP are based on "Average Season".
(*5) Please see page 63 for heating (warmer season) specifications.

MSH-GF SERIES


MSH-GF25/35VA

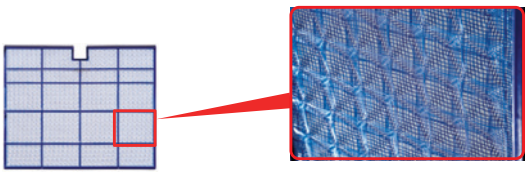

MSH-GF50/60/80VA

The unique product series: The perfect combination of cooling and heating capability. MSH-GF series, featuring Easy Clean Design and a highly effective Nano Platinum air purifying system, brings the most comfort to your room. Furthermore, the perfect combination of cooling and heating capability in a deluxe unit so much saves your investment expense.

Nano Platinum Filter

Nano Platinum

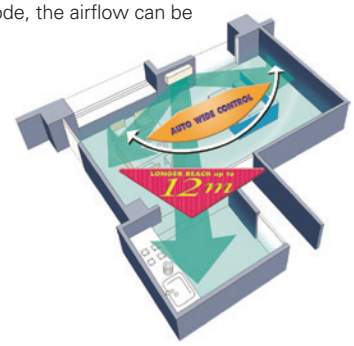
The filter incorporates nanometre-sized platinum-ceramic particles that generate stable antibacterial and deodourising effects.
The size of the three-dimensional surface has been increased as well, enlarging the filter capture area.
These features give the Nano Platinum Filter better dust collection performance than conventional filters. The superior air-cleaning effectiveness raises room comfort yet another level.



✻ It is okay to wash the filter with water

Wide & Long Airflow (50-80)

Bringing extra comfort to your life, left-right vane can be automatically controlled by remote controller. Simply use of Wide-vane mode, you can easily adjust direction of airflow to reach any corner of the room.
The high-power motor combines with a new designed "Long mode" to push air out further, provinding an extended airflow that can reach the far end of the long living rooms or reach the kitchen in open-concept living areas and studios.
When operating in Long mode, the airflow can be extended as far as 12 m.



Air flow reaches up to 12m.

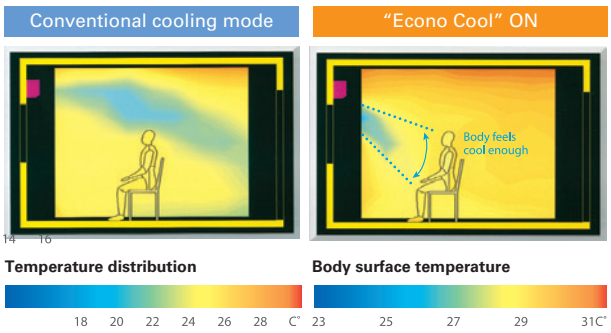
Temperature range Mitsubishi environmental laboratory test results

14 16 18 20 22 24 26 28

Econo Cool - smart save

Econo Cool

The Econo Cool one touch operation automatically adjusts the direction of airflow based on the temperature at the air outlet. The set temperature can therefore be 2 °C above conventional temperature settings without loss of comfort and with a 20% increase in energy efficiency.
Ensures greater comfort even when the temperature setting is 2 °C above conventional settings.



Ensures more comfort even when the set temperature is 2°C higher than the conventional cooling mode.

	Conventional	Econo Cool
Ambient temperature	35°C	35°C
Set temperature	25°C	27°C
Perceived temperature	30°C	29.3°C

Heat Down to -10°C

The granted heating operation range has -10 °C as lower limit.

Cool up to +46°C

Cooling operation up to +46°C for all MSH-GF serie.

MSH-GF SERIES SERIES SELECTION

Indoor Unit

MSH-GF25/35VA

MSH-GF50/60/80VA

Outdoor Unit

MUH-GF25/35/50VA

MUH-GF60/80VA

Remote Controller

MSH-GF SERIES

Type				Fixed-Speed - Heat Pump				
Indoor Unit				MSH-GF25VA	MSH-GF35VA	MSH-GF50VA	MSH-GF60VA	MSH-GF80VA
Outdoor Unit				MUH-GF25VA	MUH-GF35VA	MUH-GF50VA	MUH-GF60VA	MUH-GF80VA
Refrigerant				R410A				
Power Supply	Source			Outdoor Power Supply				
	Outdoor (V / Phase / Hz)			230 V/ Single / 50				
Cooling	Capacity	Rated	kW	2,65	3,4	4,9	6,2	7,7
		Min-Max	kW	-	-	-	-	-
	Total Input	Rated	kW	0,82	1,07	1,77	2	2,8
	EER			3,23	3,18	2,77	3,1	2,75
	SPL	Indoor Unit (Low/High)	dBA	25 - 36	26 - 40	34 - 42	37 - 45	39 - 47
Heating	Capacity	Rated	kW	3	3,7	5,1	6,7	8,5
		Min-Max	kW	-	-	-	-	-
	Total Input	Rated	kW	0,82	1,08	1,5	2,1	2,82
	COP			3,66	3,43	3,4	3,19	3,01
	SPL	Indoor Unit (Low/High)	dBA	25 - 36	26 - 40	37 - 45	34 - 45	37 - 47
Operating Current (Cool)			A	3,9	4,8	8,1	9,1	12,6
Operating Current (Heat)			A	3,9	5	6,9	9,5	12,7
Indoor Unit	Dimensions	HxWxD	mm	295 - 798 - 232	295 - 798 - 232	325 - 1100 - 238	325 - 1100 - 238	325 - 1100 - 238
	Weight		kg	9	9	16	16	16
	Air Volume	Indoor Unit (High)	m^3/min	7,9	8,8	14,1	16,7	18,7
Outdoor Unit	Dimensions	HxWxD	mm	550 - 800 - 285	550 - 800 - 285	550 - 800 - 285	880 - 840 - 330	880 - 840 - 330
	Weight		kg	33	39	40	67	76
Ext. Piping	Diameter	Liquid/Gas	mm	6,35 / 9,52	6,35 / 9,52	6,35 / 12,7	6,35 / 15,88	9,52 / 15,88
	Max. Length	Out-In	m	20	25	30	30	30
	Max. Height	Out-In	m	10	10	10	10	15
Guaranteed Operating Range (Outdoor DryBulb)		Cooling	°C	21 ~ 46	21 ~ 46	21 ~ 46	21 ~ 46	21 ~ 46
		Heating	°C	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24
Refrigerant/GWP				R410A/2088(*4)				
Pre-Charged quantity		Weight	kg	0,90	1,20	1,45	1,80	2,00
		CO_2 equivalent	t	1,88	2,51	3,03	3,76	4,18
Max added quantity		Weight	kg	1,15	1,35	1,90	2,25	3,13
		CO_2 equivalent	t	2,40	2,82	3,97	4,70	6,53

MS-VA SERIES

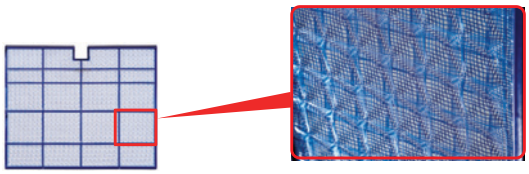
MS-GF20/25/35VA

MS-GF50/60/80VA

Expanded comfort: Benefical wide swing and long air-flow modes.
The new line-up available from Mitsubishi Electric, featuring a highly effective nano platinum air purifying system. Wide & Long operates very silently, fashionable interiors, making it the sensible choice for any room in the house. In addition, these models allow for comfortable airflow to extend to every corner of the room.

Nano Platinum Filter

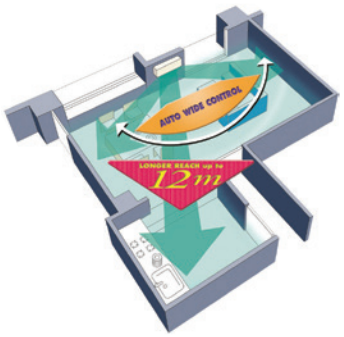
The filter incorporates nanometre-sized platinum-ceramic particles that generate stable antibacterial and deodourising effects.
The size of the three-dimensional surface has been increased as well, enlarging the filter capture area.
These features give the Nano Platinum Filter better dust collection performance than conventional filters. The superior air-cleaning effectiveness raises room comfort yet another level.



✻ It is okay to wash the filter with water

Wide & Long Airflow (50-80)

Bringing extra comfort to your life, left-right vane can be automatically controlled by remote controller. Simply use of Wide-vane mode, you can easily adjust direction of airflow to reach any corner of the room.
The high-power motor combines with a new designed "Long mode" to push air out further, provinding an extended airflow that can reach the far end of the long living rooms or reach the kitchen in open-concept living areas and studios.
When operating in Long mode, the airflow can be extended as far as 12 m.



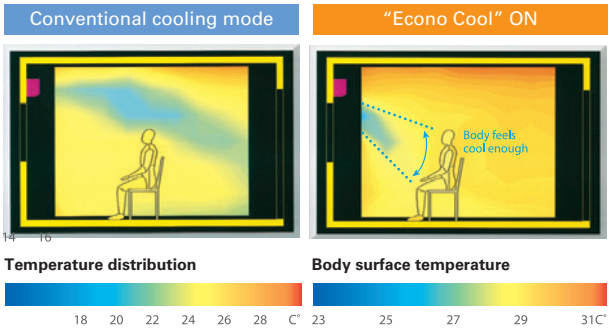
Air flow reaches up to 12m.

Temperature range Mitsubishi environmental laboratory test results

14 16 18 20 22 24 26 28

Econo Cool - smart save

The Econo Cool one touch operation automatically adjusts the direction of airflow based on the temperature at the air outlet. The set temperature can therefore be 2 °C above conventional temperature settings without loss of comfort and with a 20% increase in energy efficiency.
Ensures greater comfort even when the temperature setting is 2 °C above conventional settings.



Ensures more comfort even when the set temperature is 2°C higher than the conventional cooling mode.

	Conventional	Econo Cool
Ambient temperature	35°C	35°C
Set temperature	25°C	27°C
Perceived temperature	30°C	29.3°C

Heat Down to -10°C

The granted heating operation range has -10 °C as lower limit.

Cool up to +46°C

Cooling operation up to +46°C for all MSH-GF serie.

MS-VA SERIES SERIES SELECTION

Indoor Unit

MS-GF20/25/35VA

MS-GF50/60/80VA

Outdoor Unit

MS-GF20/25/35VA

MS-GF60/80VA

MS-GF50VA

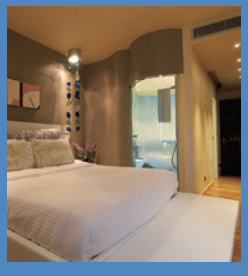
Remote Controller

MS-VA SERIES

Type				Fixed - Speed					
Indoor Unit				MS-GF20VA	MS-GF25VA	MS-GF35VA	MS-GF50VA	MS-GF60VA	MS-GF80VA
Outdoor Unit				MU-GF20VA	MU-GF25VA	MU-GF35VA	MU-GF50VA	MU-GF60VA	MU-GF80VA
Refrigerant				R410A					
Power Supply	Source			Outdoor Power Supply					
	Outdoor (V/Phase/Hz)			230 / Single / 50					
Cooling	Capacity	Rated	kW	2,3	2,5	3,45	4,85	6,4	7,8
		Min-Max	kW	-	-	-	-	-	-
	Total Input	Rated	kW	0,71	0,775	1,12	1,48	2,17	2,78
	EER			3,24	3,23	3,08	3,28	2,95	2,81
	SPL	Indoor Unit [Lo - Mid - Hi - SHi]	dB(A)	25 - 31 - 36 - 40	25 - 31 - 36 - 40	26 - 33 - 40 - 44	34 - 38 - 42 - 45	37 - 41 - 45 - 48	39 - 43 - 47 - 50
Operating Current			A	3,2	3,6	5	6,7	9,7	12,5
Indoor Unit	Dimensions	HxWxD	mm	798 - 295 - 232	798 - 295 - 232	798 - 295 - 232	1100 - 325 - 238	1100 - 325 - 238	1100 - 325 - 238
	Weight		kg	9	9	9	16	16	16
	Air Volume	Indoor Unit (High)	m^3/min	7,9	7,9	9,3	14,5	15,7	18,1
Outdoor Unit	Dimensions	HxWxD	mm	718 - 525 - 255	718 - 525 - 255	718 - 525 - 255	800 - 550 - 285	840 - 880 - 330	840 - 880 - 330
	Weight		kg	25	25	34	38	57	72
Ext. Piping	Diameter	Liquid/Gas	mm	6,35 / 9,52	6,35 / 9,52	6,35 / 9,52	6,35 / 12,7	6,35 / 15,88	9,52 / 15,88
	Max.Length	Out-In	m	20	20	25	30	30	30
	Max.Height	Out-In	m	10	10	10	10	10	15
Guaranteed Operating Range (Outdoor)		Cooling	℃	+21 ~ +46	+21 ~ +46	+21 ~ +46	+21 ~ +46	+21 ~ +46	+21 ~ +46
Refrigerant/GWP				R410A/2088[*4]					
Pre-Charged quantity		Weight	kg	0,65	0,65	1,10	1,20	1,30	1,85
		CO_2 equivalent	t	1,87	1,87	3,17	3,46	3,74	5,33
Max added quantity		Weight	kg	0,9	0,9	1,35	1,65	1,75	2,30
		CO_2 equivalent	t	2,59	2,59	3,89	4,75	5,04	6,62

P

SERIES



PLA SERIES

PLA-SM71/100/125/140

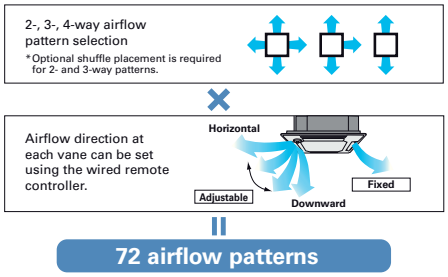
A complete line-up including deluxe units that offer added energy savings. The synergy of higher energy efficiency and more comfortable room environment results in the utmost user satisfaction.

Optimum Airflow

Individual Vane Settings

Optimum airflow settings provide maximum comfort throughout the room.

In addition to the selection of variable airflow patterns (i.e., 2-, 3- or 4-way), this function allows the independent selection of vertical airflow levels for each vane, thereby maintaining a comfortable room environment with even temperature distribution.



Wide Airflow

Wide-angle outlets distribute airflow to all corners of the room.

The outlets are larger than those of previous models and the shape has been improved for better wide-angle ventilation.

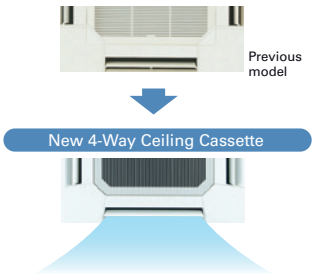
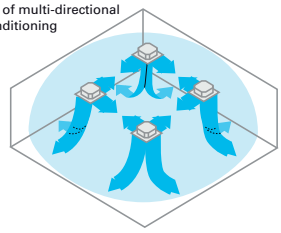


Image of multi-directional air conditioning



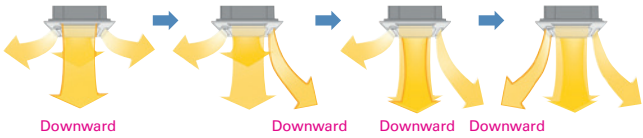
Individual Vane Setting + Wide Airflow

The combination of individual vane setting, which enables the optimal outlet setting for each room layout, and the wide airflow function works to ensure even temperature distribution throughout each room. The result is uniformly comfortable air conditioning.

Wave Airflow – Thoroughly warming all corners of the room!

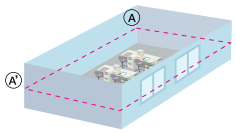
Wave Airflow Operation

"Wave Airflow" is essentially the advanced control of the vanes directing the airflow from the unit. Blown-air is repeated dispersed from the unit in horizontal and downward directions at time-lagged intervals to provide uniform heating throughout the room.



] Wave Airflow is possible only when using the heating mode

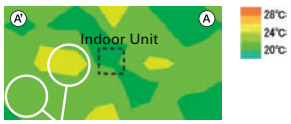
Thermograph of Wave Control Effect



Horizontal Airflow

Temperature gap
Uneven temperature distribution

Wave Airflow



Temperature gap is minimized.
Warm air is supplied throughout the room, minimizing uneven temperature distribution.

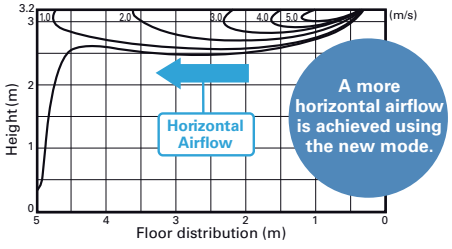
Temperature distribution comparison approximately 20min after turning on a PLA-SP71BA 4-Way ceiling cassette. The measurement point for comparison is a plane 1.2m above the floor.

Horizontal Airflow

A "Horizontal Airflow" function has been added to reduce drafty-feeling distribution. Horizontal Airflow prevents cold drafts from striking the body directly, thereby keeping the body from becoming over-chilled.

[Airflow Distribution]

PLA-SM125EA
Flow angle, cooling at 20°C (ceiling height 3.2m)

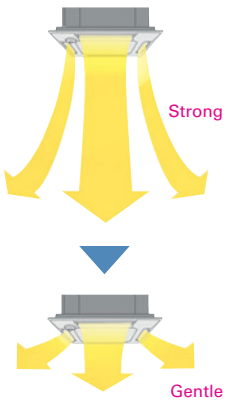


* Smudge spots on the ceiling may form where the airflow is not evenly distributed.

Automatic Air-speed Adjustment

An automatic air-speed mode that adjusts airflow speed automatically is adopted to maintain comfortable room conditions at all times. This setting automatically adjusts the air-speed to conditions that match the room environment.

At the start of heating/cooling operation, the airflow is set to high-speed to quickly heat/cool the room.



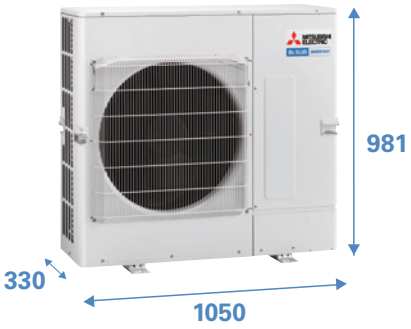
When the room temperature reaches the desired setting, the airflow speed is decreased automatically for stable comfortable heating/cooling operation.

New Outdoor Units

Mitsubishi Electric introduces a new model of outdoor units for PUHZ-SP, less than one meter high. The unit is available in sizes 12,5/14 kW 1-phase and 10/12,5/14 kW 3-phase.
This new one-fan chassis allows for great flexibility and reduced impact of the unit on sight.

Dispite reduced dimensions capacity and **piping lenght is the same:**

- Max piping length: 40m (30m for 100)
- Max vertical difference: 30m



PUHZ-SP125/140VKA
PUHZ-SP100/125/140YKA

Also, model PUHZ-SP140V/YKA allows for Free Compo Twin connection:

Only PUHZ-SP140V/YKA

PLA-SM71

2x

PEAD-SM71

Joints:
Twin: MSDD-50TR2-E NEW

OU Capacity	Twin
	50:50
140	71:2

PLA SERIES SERIES SELECTION

Indoor Unit

PLA-SM71/100/125/140EA

Outdoor Unit

SUZ-SA71VA3
SUZ-SA100VA2

PUHZ-SP125/140VKA
PUHZ-SP100/125/140YKA

Optional

PLP-6EA - Panel only
PLP-6EAL - Panel with signal receiver
PLP-6EALM - Panel with signal receiver and wireless remote controller

PAR-40MAA
DELUXE

PAC-YT52CRA

PAR-SL100A*

*Enclosed with PLP-6EALM

PLA SERIES

Type				Inverter Heat Pump						
Indoor Unit				PLA-SM71EA	PLA-SM100EA		PLA-SM125EA		PLA-SM140EA	
Outdoor Unit				SUZ-SA71VA3	SUZ-SA100VA2	PUHZ-SP100YKA	PUHZ-SP125VKA	PUHZ-SP125YKA	PUHZ-SP140VKA	PUHZ-SP140YKA
Refrigerant				R410A(*1)						
Power Supply	Source			Outdoor unit power supply						
	Outdoor (V / Phase / Hz)			VA · VKA:230 / Single / 50, YKA:400 / Three / 50						
Cooling	Capacity	Rated	kW	7,1	9,4	9,4	12,1		13,6	
		Min-Max	kW	3,2-8,1	5-9,9	3.7-10.6	5.6-13.0		5.8-14.1	
	Total Input	Rated	kW	2,218	3,122	3,29	4,24		5,64	
	EER			3,20	3,01	2,85	2,85		2,41	
	EEL Rank			-	-	-	-		-	
	Design load		kW	7,1	9,4	9,4	12,1		13,6	
	Annual electricity consumption (*2)		kWh/a	421	576	576	1360		1531	
	SEER			5,9	5,7	5,7	210,6%		210,1%	
	Energy efficiency class			A+	A+	A+	-		-	
Heating (Average Season)	Capacity	Rated	kW	8,0	11,2	11,2	13,5		15	
		Min-Max	kW	3,5-8,9	5,1-11,5	2,8-12,5	4.8-15.0		4.9-15.8	
	Total Input	Rated	kW	2,49	3,48	3,48	3,95		4,82	
	COP			3,21	3,21	3,21	3,41		3,11	
	EEL Rank			-	-	-	-		-	
	Design load		kW	6,0	8,0	8,0	8,5		9,4	
	Declared Capacity	at reference design temperature	kW	5,2(-10°C)	5,9(-10°C)	6,3(-10°C)	8.5(-10°C)		9.4(-10°C)	
		at bivalent temperature	kW	5,4(-7°C)	7,1(-7°C)	7.0(-7°C)	8.5(-10°C)		9.4(-10°C)	
		at operation limit temperature	kW	5,2(-10°C)	5,9(-10°C)	4.5(-15°C)	6.0(-15°C)		7.0(-15°C)	
	Back up heating capacity		kW	0,8	2,1	1,7	0		0	
	Annual electricity consumption (*2)		kWh/a	2081	2685	2727	3110		3436	
	SCOP			3,9	4,1	4,1	150,1%		150,2%	
	Energy efficiency class			A	A+	A+	-		-	
	Operating Current (Max)		A	16,4	16,6	12,0	27,2	12,2	30,7	12,2
Indoor Unit	Input	Rated	kW	0,04	0,07	0,07	0,10	0,10	0,10	0,10
	Operating Current(Max)		A	0,27	0,46	0,46	0,66	0,66	0,66	0,66
	Dimensions <Panel>	H*W*D	mm	258x840x840<40x950x950>			298x840x840<40x950x950>			
	Weight <Panel>		kg	21<5>	24<5>		26<5>			
	Air Volume (Lo-Mi2-Mi1-Hi)		m^3/min	14-17-19-21	19-23-26-29		21-25-28-31		24-26-29-32	
	Sound Level (SPL) (Lo-Mi2-Mi1-Hi)		dB(A)	28-30-32-34	31-34-37-40		33-37-41-44		36-39-42-44	
	Sound Level (PWL)		dB(A)	56	61		65		65	
Outdoor Unit	Dimensions	H*W*D	mm	880x840x330		981x1050x330				
	Weight		kg	52	56	78	84	85	84	85
	Air Volume	Cooling	m^3/min	50,1	53,57	79	86		86	
		Heating	m^3/min	48,2	53,71	-	-		-	
	Sound Level (SPL)	Cooling	dB(A)	55	55	51	54		56	
		Heating	dB(A)	55	55	54	56		57	
	Sound Level (PWL)	Cooling	dB(A)	69	69	70	72		75	
	Operating Current(Max)		A	16,1	16,1	11,5	26,5	11,5	30	11,5
	Breaker Size		A	20	20	16	32	16	40	16
Ext. Piping	Diameter	Liquid/Gas	mm	9.52 / 15.88						
	Max.Length	Out-In	m	30			40			
	Max.Height	Out-In	m	30						
Guaranteed Operating Range (Outdoor)		Cooling	℃	-10 ~ +46			-15 ~ +46			
		Heating	℃	-10 ~ +24			-15 ~ +24			
Refrigerant/GWP				R410A/2088(*4)						
Pre-Charged quantity		Weight	kg	1,8	2,2	3,3	3,8	3,8	3,8	3,8
		CO_2 equivalent	t	3,76	4,59	6,89	7,93	7,93	7,93	7,93
Max added quantity		Weight	kg	2,95	3.35	3,9	4,4	4,4	4,4	4,4
		CO_2 equivalent	t	6,16	6,99	8,14	9,19	9,19	9,19	9,19

(*1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO 2 , over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.
(*2) Energy consumption based on standard test results.Actual energy consumption will depend on how the appliance is used and where it is located.
(*3) Optional air protection guide is required where ambient temperature is lower than -5°C.

PLA-SM SERIES NOVITÀ SERIES SELECTION

Indoor Unit

PLA-SM71/100/125/140EA

Outdoor Unit

SUZ-SM71VA

PUZ-SM100/125/140VKA
PUZ-SM100/125/140YKA

Optional

PLP-6EAJ - Panel only
PLP-6EALM - Panel with signal receiver and wireless remote controller

PAR-40MAA
DELUXE

PAC-YT52CRA

PAR-SL100A*

*Enclosed with PLP-6EALM

PLA-SM SERIES

Type				Inverter Heat Pump						
Indoor Unit				PLA-SM71EA	PLA-SM100EA		PLA-SM125EA		PLA-SM140EA	
Outdoor Unit				SUZ-SM71VA	PUZ-SM100VKA	PUZ-SM100YKA	PUZ-SM125VKA	PUZ-SM125YKA	PUZ-SM140VKA	PUZ-SM140YKA
Refrigerant				R32(*1)						
Power Supply	Source			Outdoor power supply						
	Outdoor (V / Phase / Hz)			VA · VKA:230 / Single / 50, YKA:400 / Three / 50						
Cooling	Capacity	Rated	kW	7,1	9,5	9,5	12,1		13,4	
		Min-Max	kW	2,2-8,1	4,0-10,6	4,0-10,6	5,8-13,0		5,8-14,1	
	Total Input	Rated	kW	1,97	2,79	2,79	4,17		5,13	
	EER			3,6	3,4	3,4	2,9		2,61	
	EEL Rank			-	-	-	-		-	
	Design load		kW	7,1	9,5	9,5	12,1		13,4	
	Annual electricity consumption (*2)		kWh/a	410	554	554	-		-	
	SEER			6	6	6	-		-	
	Energy efficiency class			A+	A+	A+	-		-	
Heating (Average Season)	Capacity	Rated	kW	8	11,2	11,2	13,5		15	
		Min-Max	kW	2,0-10,2	2,8-12,5	2,8-12,5	4,1-15,0		4,2-15,8	
	Total Input	Rated	kW	2,28	3,1	3,1	3,73		4,54	
	COP			3,5	3,61	3,61	3,61		3,3	
	EEL Rank			-	-	-	-		-	
	Design load		kW	5,8	8	8	8,5		9,4	
	Declared Capacity	at reference design temperature	kW	5,2 (-10°C)	6,0 (-10°C)	6,0 (-10°C)	8,5 (-10°C)		9,4 (-10°C)	
		at bivalent temperature	kW	5,2 (-7°C)	7,0 (-7°C)	7,0 (-7°C)	8,5 (-10°C)		9,4 (-10°C)	
		at operation limit temperature	kW	5,2 (-10°C)	4,5 (-15°C)	4,5 (-15°C)	6,0 (-15°C)		7,0 (-15°C)	
	Back up heating capacity		kW	0,6	2	2	0		0	
	Annual electricity consumption (*2)		kWh/a	2066	2482	2482	-		-	
	SCOP			3,9	4,5	4,5	-		-	
	Energy efficiency class			A	A+	A+	-		-	
Operating Current (Max)			A	15,1	20,5	12,5	27,2	12,2	30,7	12,2
Indoor Unit	Input (cooling/heating)	Rated	kW	0,04	0,07	0,07	0,1	0,1	0,1	0,1
	Operating Current (Max)		A	0,27	0,46	0,46	0,66	0,66	0,66	0,66
	Dimensions <Panel>	HxWxD	mm	258x840x840<40x950x950>	298x840x840<40x950x950>					
	Weight <Panel>		kg	21<5>	24<5>		26<5>			
	Air Volume (Lo-Mid-Hi)		m³/min	14-17-19-21	19-23-26-29		21-25-28-31		24-26-29-32	
	Sound Level (Lo-Mid-Hi) (SPL)		dB(A)	28-30-32-34	31-34-37-40		33-37-41-44		36-39-42-44	
	Sound Level (PWL)		dB(A)	56	61		65		65	
Outdoor Unit	Dimensions	HxWxD	mm	880x840x330	981x1050x330 (+40)					
	Weight		kg	55	56	78	84	85	84	85
	Air Volume	Cooling	m³/min	50,1	53,57	79	86		86	86
		Heating	m³/min	50,1	53,71	-	-		-	-
	Sound Level (SPL)	Cooling	dB(A)	49	55	51	54		56	56
		Heating	dB(A)	51	55	54	56		57	57
	Sound Level (PWL)	Cooling	dB(A)	66	69	70	72		75	75
	Operating Current (Max)		A	14,8	16,1	11,5	26,5	11,5	30	11,5
	Breaker Size		A	20	20	16	32	16	40	16
Ext. Piping	Diameter	Liquid/Gas	mm	9,52 / 15,88						
	Max. Length	Out-In	m	30			40			
	Max. Height	Out-In	m	30						
Guaranteed Operating Range (Outdoor)		Cooling	°C	-15 ~ +46						
		Heating	°C	-10 ~ +24	-15 ~ +21					
Refrigerant/GWP				R32/675(*4)						
Pre-Charged quantity		Weight	kg	1,45	3,1	3,1	3,6	3,6	3,6	3,6
		CO_2 equivalent	t	0,98	2,09	2,09	2,43	2,43	2,43	2,43
Max added quantity		Weight	kg	2,37	4,1	4,1	5	5	5	5
		CO_2 equivalent	t	1,6	2,77	2,77	3,38	3,38	3,38	3,38

(*1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less te global warming than a refrigerant with higher GWP, if leaked te the atmosphere. This appliance contains a refrigerant fluid with a GWP equal te 1975. This means that if 1 kg of this refrigerant fluid would be leaked te the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO 2, aver a period of 100 years. Never try to interiere with the refrigerant circuit yourself or disassemble the produci yourself and always ask a professional.
(*2) Energy consumption based on standard test results.Actual energy consumption will depend on how the appliance is used and where it is located.
(*3) Optional air protection guide is required where ambient temperature is lower than -5°C.
(*4) This GWP value is based on Regulation(EU) No 517/2014 from IPCC 4th edition,

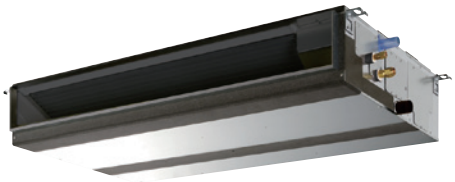
PEAD SERIES

PEAD-SP71/100/125/140JAL

The thin, ceiling-concealed indoor units of this series are the perfect answer for the air conditioning needs of buildings with minimum ceiling installation space and wide-ranging external static pressure. Energy-saving efficiency has been improved, reducing electricity consumption and contributing to a further reduction in operating cost.

Compact Indoor Units

The height of the models from 35-140 has been unified to 250 mm. Compared to the previous PEAD-EA model, the height has been reduced by as much as 75 mm (models 100-140), making installation in low ceilings with minimal clearance space possible.



PEAD-SM JAL

Reduction of **75mm** (models 100–140) compared to PEAD-EA

External Static Pressure

External static pressure conversion can be set up to five stages. Capable of being set to a maximum of 150 Pa, units are applicable to a wide range of building types.

■External static pressure setting

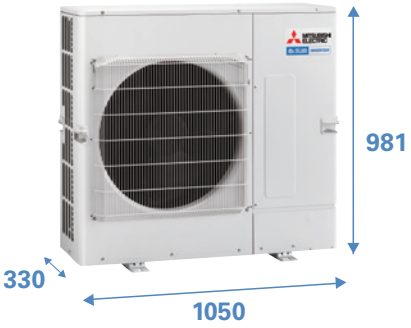
Series	71	100	125	140
PEAD-SM JAL	35/50/70/100/150 Pa			

New Outdoor Units

Mitsubishi Electric introduces a new model of outdoor units for PUHZ-SP, less than one meter high. The unit is available in sizes 12,5/14 kW 1-phase and 10/12,5/14 kW 3-phase.
This new one-fan chassis allows for great flexibility and reduced impact of the unit on sight.

Dispite reduced dimensions capacity and **piping lenght is the same:**

- Max piping length: 40m (30m for 100)
- Max vertical difference: 30m



PUHZ-SP125/140VKA
PUHZ-SP100/125/140YKA

Also, model PUHZ-SP140V/YKA allows for Free Compo Twin connection:

Only PUHZ-SP140V/YKA

PLA-SM71

2x

PEAD-SM71

Joints:
Twin: MSDD-50TR2-E NEW

OU Capacity	Twin
	50:50
140	71:2

PEAD SERIES

SERIES SELECTION

Indoor Unit

PEAD-SM71/100/125/140JAL

Outdoor Unit

SUZ-SA71VA3
SUZ-SA100VA2

PUHZ-SP125/140VKA
PUHZ-SP100/125/140YKA

Remote Controller (Optional)

PAR-40MAA
Optional

PAC-YT52CRA
Optional

PAR-FL32MA
Optional

PEAD-SM SERIES

Type				Inverter Heat Pump						
Indoor Unit				PEAD-SM71JAL	PEAD-SM100JAL		PEAD-SM125JAL		PEAD-SM140JAL	
Outdoor Unit				SUZ-SA71VA3	SUZ-SA100VA2	PUHZ-SP100YKA	PUHZ-SP125VKA	PUHZ-SP125YKA	PUHZ-SP140VKA	PUHZ-SP140YKA
Refrigerant				R410A(*1)						
Power Supply	Source			Outdoor unit power supply						
	Outdoor (V / Phase / Hz)			VA · VKA:230 / Single / 50, YKA:400 / Three / 50						
Cooling	Capacity	Rated	kW	7,1	9,4	9,4	12,1		13,6	
		Min-Max	kW	3,2-8,1	5-9,9	3.7-10.6	5.6-13.0		5.8-14.1	
	Total Input	Rated	kW	2,35	3,12	3,08	4,3		5,4	
	EER			3,02	3,01	3,05	2,81		2,51	
		EEL Rank		-	-	-	-		-	
	Design load		kW	7,1	9,4	9,4	12,1		13,6	
	Annual electricity consumption*2		kWh/a	477	711	712	1534		1689	
	SEER			5,2	4,6	4,6	186,30%		190,20%	
		Energy efficiency class		A	B	B	-		-	
Heating (Average Season)	Capacity	Rated	kW	8	11,2	11,2	13,5		15	
		Min-Max	kW	3,5-8,9	5,1-11,5	2,8-12,5	4.8-15.0		4,9-15.8	
	Total Input	Rated	kW	2,21	3,1	3,02	3,84		4,39	
	COP			3,61	3,61	3,7	3,51		3,41	
		EEL Rank		-	-	-	-		-	
	Design load		kW	6	8	8	8,5		9,4	
	Declared Capacity	at reference design temperature	kW	5,2(-10°C)	5,9(-10°C)	6.3(-10°C)	8.5(-10°C)		9.4(-10°C)	
		at bivalent temperature	kW	5,4(-7°C)	7,1(-7°C)	7.0(-7°C)	8.5(-10°C)		9.4(-10°C)	
		at operation limit temperature	kW	5,2(-10°C)	5,9(-10°C)	4.5(-15°C)	6.0(-15°C)		7.0(-15°C)	
	Back up heating capacity		kW	0,8	1,6	1,7	0		0	
	Annual electricity consumption*2		kWh/a	2189	2927	2937	3122		3676	
	SCOP			3,8	3,8	3,8	149,50%		140,20%	
		Energy efficiency class		A	A	A	-		-	
Indoor Unit	Input	Rated	kW	0.17 / 0.15	0.25 / 0.23	0.25 / 0.23	0.36 / 0.34	0.36 / 0.34	0.39 / 0.37	0.39 / 0.37
	Operating Current(Max)		A	1,97	2,65	2,65	2,76	2,76	2,78	2,78
	Dimensions	HxWxD	mm	250-1100-732						
	Weight		kg	33	39		40		44	
	Air Volume (Lo-Mi2-Mi1-HI)		m^3/min	17.5 - 21.0 - 25.0	24.0 - 29.0 - 34.0		29.5 - 35.5 - 42.0		32.0 - 39.0 - 46.0	
	Sound Level (SPL) (Lo-Mi2-Mi1-Hi)		dB(A)	26 - 30 - 34	29 - 34 - 38		33 - 36 - 40		34 - 38 - 43	
	Sound Level (PWL)		dB(A)	58	62		72		75	
Outdoor Unit	Dimensions	HxWxD	mm	880x840x330		981x1050x330				
	Weight		kg	52	56	78	84	85	84	85
	Air Volume	Cooling	m^3/min	50,1	53,57	79	86		86	
		Heating	m^3/min	48,2	53,71	-	92		92	
	Sound Level (SPL)	Cooling	dB(A)	55	55	51	54		56	
		Heating	dB(A)	55	55	54	56		57	
	Sound Level (PWL)	Cooling	dB(A)	69	69	70	72		75	
	Operating Current (Max)		A	16,1	16,1	11,5	26,5	11,5	30	11,5
	Breaker Size		A	20	20	16	32	16	40	16
Ext. Piping	Diameter	Liquid/Gas	mm	9.52 / 15.88						
	Max.Length	Out-In	m	30			40			
	Max.Height	Out-In	m	30						
Guaranteed Operating Range (Outdoor)		Cooling	°C	-10 ~ +46			-15 ~ +46			
		Heating	°C	-10 ~ +24			-15 ~ +24			
Refrigerant/GWP				R410A/2088(*4)						
Pre-Charged quantity		Weight	kg	1,80	2,20	3,30	3,80	3,80	3,80	3,80
		CO_2 equivalent	t	3,76	4,59	6,89	7,93	7,93	7,93	7,93
Max added quantity		Weight	kg	2,95	3,35	3,90	4,40	4,40	4,40	4,40
		CO_2 equivalent	t	6,16	6,99	8,14	9,19	9,19	9,19	9,19

(*1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO 2 , over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.
(*2) Energy consumption based on standard test results.Actual energy consumption will depend on how the appliance is used and where it is located.
(*3) Optional air protection guide is required where ambient temperature is lower than -5°C.

PEAD-SM SERIES NOVITÀ

SERIES SELECTION

Indoor Unit

PEAD-SM71/100/125/140JAL

Outdoor Unit

SUZ-SM71VA

PUZ-SM100/125/140VKA
PUZ-SM100/125/140YKA

Remote Controller (Optional)

PAR-40MAA
Optional

PAC-YT52CRA
Optional

PAR-FL32MA
Optional

PEAD-SM SERIES

Type				Inverter Heat Pump						
Indoor Unit				PEAD-SM71JA (L)	PEAD-SM100JA (L)	PEAD-SM100JA (L)	PEAD-SM125JA (L)	PEAD-SM125JA (L)	PEAD-SM140JA (L)	PEAD-SM140JA (L)
Outdoor Unit				SUZ-SM71VA	PUZ-SM100VKA	PUZ-SM100YKA	PUZ-SM125VKA	PUZ-SM125YKA	PUZ-SM140VKA	PUZ-SM140YKA
Refrigerant				R32(*1)						
Power Supply	Source			Outdoor power supply						
	Outdoor (V / Phase / Hz)			VA · VKA:230 / Single / 50, YKA:400 / Three / 50						
Cooling	Capacity	Rated	kW	7,1	9,5	9,5	12,1		13,4	
		Min-Max	kW	2,2-8,1	4,0-10,6	4,0-10,6	6,0-13,0		6,1-14,1	
	Total Input	Rated	kW	2,08	2,95	2,95	4,17		4,96	
	EER			3,41	3,21	3,21	2,9		2,7	
	EEL Rank			-	-	-	-		-	
	Design load		kW	7,1	9,5	9,5	12,1		13,4	
	Annual electricity consumption (*2)		kWh/a	451	626	626	-		-	
	SEER			5,5	5,3	5,3	-		-	
	Energy efficiency class			A	A	A	-		-	
Heating (Average Season)	Capacity	Rated	kW	8	11,2	11,2	13,5		15	
		Min-Max	kW	2,0-10,2	2,8-12,5	2,8-12,5	4,1-15,0		4,2-15,8	
	Total Input	Rated	kW	2,21	3,02	3,02	3,85		4,28	
	COP			3,61	3,7	3,7	3,5		3,5	
	EEL Rank			-	-	-	-		-	
	Design load		kW	5,8	8	8	8,5		9,4	
	Declared Capacity	at reference design temperature	kW	5,2 (-10°C)	6,0 (-10°C)	6,0 (-10°C)	8,5 (-10°C)		9,4 (-10°C)	
		at bivalent temperature	kW	5,2 (-7°C)	7,0 (-7°C)	7,0 (-7°C)	8,5 (-10°C)		9,4 (-10°C)	
		at operation limit temperature	kW	5,2 (-10°C)	4,5 (-15°C)	4,5 (-15°C)	6,0 (-15°C)		7,0 (-15°C)	
	Back up heating capacity		kW	0,6	2	2	0		0	
	Annual electricity consumption (*2)		kWh/a	2080	2865	2865	-		-	
	SCOP			3,9	3,9	3,9	-		-	
	Energy efficiency class			A	A	A	-		-	
Operating Current (Max)			A	16,8	22,7	14,2	29,3	14,3	32,8	14,3
Indoor Unit	Input (cooling/heating)	Rated	kW	0,17 / 0,15	0,25 (0,23) / 0,23	0,25 (0,23) / 0,23	0,36 (0,34) / 0,34	0,36 (0,34) / 0,34	0,39 (0,37) / 0,37	0,39 (0,37) / 0,37
	Operating Current (Max)		A	1,97	2,65	2,65	2,76	2,76	2,78	2,78
	Dimensions	HxWxD	mm	250-1100-732	250-1400-732	250-1400-732	250-1400-732	250-1400-732	250-1600-732	250-1600-732
	Weight (L:No Drain Pump)		kg	30 (29)	39 (38)	39 (38)	40 (39)	40 (39)	44 (43)	44 (43)
	Air Volume (Lo-Mid-Hi)		m³/min	17,5-21,0-25,0	24,0-29,0-34,0	24,0-29,0-34,0	29,5-35,5-42,0	29,5-35,5-42,0	32,0-39,0-46,0	32,0-39,0-46,0
	External Static Pressure		Pa	35 / 50 / 70 / 100						
	Sound Level (Lo-Mid-Hi) (SPL)		dB(A)	26-30-34	29-34-38		33-36-40		34-38-43	
	Sound Level (PWL)		dB(A)	58	62		66		67	
Outdoor Unit	Dimensions	HxWxD	mm	880x840x330	981x1050x330 (+40)					
	Weight		kg	55	76	78	84	85	84	85
	Air Volume	Cooling	m³/min	50,1	79	79	86	86	86	86
		Heating	m³/min	50,1	79	79	92	92	92	92
	Sound Level (SPL)	Cooling	dB(A)	49	51	51	54	54	55	55
		Heating	dB(A)	51	54	54	56	56	57	57
	Sound Level (PWL)	Cooling	dB(A)	66	70	70	72	72	73	73
	Operating Current (Max)		A	14,8	20	11,5	26,5	11,5	30	11,5
	Breaker Size		A	20	32	16	32	16	40	16
Ext. Piping	Diameter	Liquid/Gas	mm	9,52 / 15,88						
	Max. Length	Out-In	m	30			40			
	Max. Height	Out-In	m	30						
Guaranteed Operating Range (Outdoor)		Cooling(*3)	°C	-15 ~ +46						
		Heating	°C	-10 ~ +24	-15 ~ +21					
Refrigerant/GWP				R32/675(*4)						
Pre-Charged quantity		Weight	kg	1,45	3,10	3,10	3,60	3,60	3,60	3,60
		CO_2 equivalent	t	0,98	2,09	2,09	2,43	2,43	2,43	2,43
Max added quantity		Weight	kg	2,37	4,10	4,10	5,00	5,00	5,00	5,00
		CO_2 equivalent	t	1,60	2,77	2,77	3,38	3,38	3,38	3,38

(*1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warrning would be 1975 times higher than 1 kg of CO 2, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the produci yourself and always ask a professional.
(*2) Energy consumption based on standard test results.Actual energy consumption will depend on how the appliance is used and where it is located.
(*3) Optional air protection guide is required where ambient temperature is lower than -5°C.
(*4) This GWP value is based on Regulation(EU) No 517/2014 from IPCC 4th edition,


EXIT


MITSUBISHI
ELECTRIC
LIVING ENVIRONMENTAL SYSTEMS

MITSUBISHI ELECTRIC

LIVING ENVIRONMENTAL SYSTEMS

Centro Direzionale Colleoni
Viale Colleoni, 7 - Palazzo Sirio
20864 Agrate Brianza (MB)
tel. 039.60531 - fax 039.6053211
e-mail: clima@it.mee.com

climatizzazione.mitsubishielectric.it/en/

eco Changes **for a greener tomorrow**

Eco Changes is the Mitsubishi Electric Group's environmental statement, and expresses the Group's stance on environmental management. Through a wide range of businesses, we are helping contribute to the realization of a sustainable society.

⚠ NOTICE

- Do not install indoor units in areas (e.g., mobile phone base stations) where the emission of VOCs such as phthalate compounds and formaldehyde is known to be high as this may result in a chemical reaction.
- Our air-conditioning equipments and heat pumps contain a fluorinated greenhouse gas, R410A (GWP: 2088) or R22 (GWP: 1700). *These GWP values are based on Regulation (EU) No.517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows. R410A (GWP: 1975), R22 (GWP: 550)
- When installing or relocating or servicing the air conditioners, use only the specified refrigerant (R410A or R22) to charge the refrigerant lines.
  Do not mix it with any other refrigerant and do not allow air to remain in the lines.
  If air is mixed with the refrigerant, then it can be the cause of abnormal high pressure in the refrigerant lines, and may result in an explosion and other hazards.
  The use of any refrigerant other than that specified for the system will cause mechanical failure, system malfunction or unit breakdown. In the worst case, this could lead to a serious impediment to securing product safety.

ENVIRONMENTAL VISION 2021

15871