

PEAD SERIES

R32
R410A

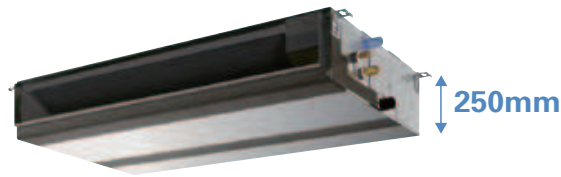
PEAD-M35/50/60/71/100/125/140JA(L)

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 250mm, which makes installation in low ceilings with minimal clearance space possible.



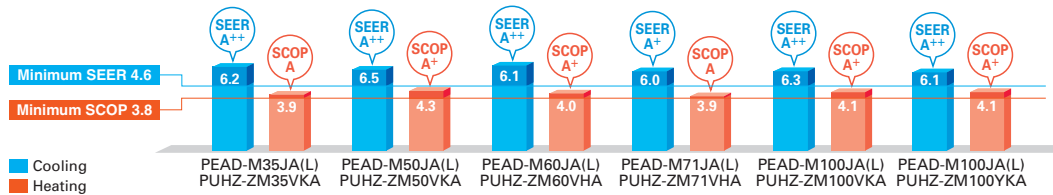
PEAD-M JA(L)

External Static Pressure

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

ErP Lot 10-compliant, Achieving High Energy Efficiency of SEER/SCOP Rank A+ and A++

A direct-current (DC) fan motor is installed in the indoor unit, increasing the seasonal energy efficiency of the newly designed Power Inverter Series (PUHZ-ZRP) and resulting in compliance of the full-capacity models with ErP Lot 10 and energy rankings of A+/A++ for cooling and A/A+ for heating. This contributes to an impressive reduction in the cost of annual electricity.



Drain Pump Option Available with All Models

The line-up consists of two types, models with or without a built-in drain pump.



PEAD-M JA → Drain pump built-in



PEAD-M JAL → No drain pump

* Units with an "L" included at the end of the model name are not equipped with a drain pump.

SERIES SELECTION

Power Inverter Series



Indoor Unit

R32
R410A



PEAD-M35/50/60/71/100/125/140

Outdoor Unit

R32

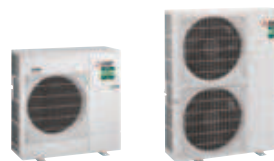
For Single



PUZ-ZM35/50 PUZ-ZM60/71 PUZ-ZM100/125/140

R32

For Multi
(Twin/Triple/Quadruple)



PUZ-ZM71 PUZ-ZM100/125/140/200/250

Remote Controller



Optional



Optional



Optional



Optional

PEAD-M JA Indoor Unit Combinations Indoor unit combinations shown below are possible.

Indoor Unit Combination	Outdoor Unit Capacity																				
	For Single										For Twin					For Triple			For Quadruple		
	35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250	
Power Inverter (PUHZ-ZRP)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	-	-	35x2	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4	
Distribution Pipe	-	-	-	-	-	-	-	-	-	MSDD-50TR2-E					MSDD-50WR2-E		MSDT-111R3-E			MSDF-1111R2-E	

SERIES SELECTION

Standard Inverter Series



Indoor Unit

R32
R410A



PEAD-M35/50/60/71/100/125/140

Outdoor Unit

R32

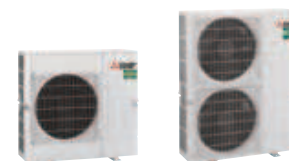
For Single



SUZ-M35 SUZ-M50 SUZ-M60/71 PUZ-M100/125/140

R32

For Multi
(Twin/Triple/Quadruple)



PUZ-M100/125/140 PUZ-M200/250

Remote Controller



Optional



Optional



Optional



Optional

PEAD-M JA Indoor Unit Combinations Indoor unit combinations shown below are possible.

Indoor Unit Combination	Outdoor Unit Capacity																				
	For Single										For Twin					For Triple			For Quadruple		
	35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250	
Standard Inverter (PUHZ-P&SUZ)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	-	-	-	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4	
Distribution Pipe	-	-	-	-	-	-	-	-	-	MSDD-50TR2-E					MSDD-50WR2-E		MSDT-111R3-E			MSDF-1111R2-E	


SERIES SELECTION

SERIES SELECTION

Power Inverter Series


Indoor Unit


R32
R410A





PEAD-M35/50/60/71/100/125/140


Outdoor Unit

R410A
 For Single

 PUHZ-ZRP35/50



 PUHZ-ZRP60/71



 PUHZ-ZRP100/125/140


R410A
 For Multi
(Twin/Triple/Quadruple)

 PUHZ-ZRP71



 PUHZ-ZRP100/125/140/200/250

Remote Controller


Optional


Optional



Optional


Optional

Standard Inverter Series


Indoor Unit


R32
R410A





PEAD-M35/50/60/71/100/125/140

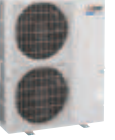
Outdoor Unit

R410A
 For Single

 SUZ-KA35



 SUZ-KA50/60/71



 PUHZ-P100/125/140


R410A
 For Multi
(Twin/Triple/Quadruple)

 PUHZ-P100/125/140



 PUHZ-P200/250

Remote Controller


Optional


Optional


Optional


Optional

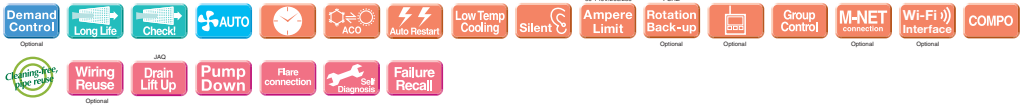
PEAD-M JA(L) Indoor Unit Combinations Indoor unit combinations shown below are possible.

Indoor Unit Combination	Outdoor Unit Capacity																				
	For Single									For Twin					For Triple			For Quadruple			
	35	50	60	71	100	125	140	200	250	71	100	125	140	200	250	140	200	250	200	250	
Power Inverter (PUHZ-ZRP)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	-	-	35x2	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4	
Distribution Pipe	-	-	-	-	-	-	-	-	-	MSDD-50TR-E					MSDD-50WR-E			MSDT-111R-E		MSDF-1111R-E	
Standard Inverter (PUHZ-P&SUZ)	35x1	50x1	60x1	71x1	100x1	125x1	140x1	-	-	-	50x2	60x2	71x2	100x2	125x2	50x3	60x3	71x3	50x4	60x4	
Distribution Pipe	-	-	-	-	-	-	-	-	-	MSDD-50TR-E					MSDD-50WR-E			MSDT-111R-E		MSDF-1111R-E	

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PEAD-M SERIES

POWER INVERTER



Type	Inverter Heat Pump											
Indoor Unit	PEAD-M35JA(L)	PEAD-M50JA(L)	PEAD-M60JA(L)	PEAD-M71JA(L)	PEAD-M100JA(L)	PEAD-M125JA(L)	PEAD-M140JA(L)	PEAD-M140JA(L)	PEAD-M140JA(L)	PEAD-M140JA(L)	PEAD-M140JA(L)	
Outdoor Unit	PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VKA2	PUHZ-ZRP71VKA2	PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	PUHZ-ZRP125VKA3	PUHZ-ZRP125YKA3	PUHZ-ZRP140VKA3	PUHZ-ZRP140YKA3	PUHZ-ZRP140YKA3	
Refrigerant	R410A*1											
Power Supply	Outdoor power supply VKA: VHA:230 / Single / 50, YKA:400 / Three / 50											
Cooling	Capacity	Rated	kW									
	Min - Max	Rated	kW									
	Total Input	Rated	kW									
	EER*2	Rated	-									
Heating (Average Season)	Capacity	Rated	kW									
	Min - Max	Rated	kW									
	Total Input	Rated	kW									
	COP*2	Rated	-									
Operating Current (max)	Input [Cooling / Heating]	Rated	A									
	Operating Current (max)	Rated	A									
	Dimensions <Panel>	H x W x D	mm									
	Weight <Panel>	kg	kg									
	Air Volume [Lo-Mid-Hi]	m ³ /min	m ³ /min									
	External Static Pressure	Pa	Pa									
	Sound Level (SPL) [Lo-Mid-Hi]	dB(A)	dB(A)									
	Sound Level (PWL)	dB(A)	dB(A)									
	Dimensions	H x W x D	mm									
	Weight	kg	kg									
	Air Volume	Cooling / Heating	m ³ /min									
	Sound Level (SPL)	Cooling / Heating	dB(A)									
	Sound Level (PWL)	Cooling	dB(A)									
	Operating Current (max)	A	A									
	Ext. Piping	Diameter	Liquid / Gas	mm								
Max. Length	Out-In	m										
Max. Height	Out-In	m										
Guaranteed Operating Range [Outdoor]	Cooling*3	°C										
	Heating	°C										

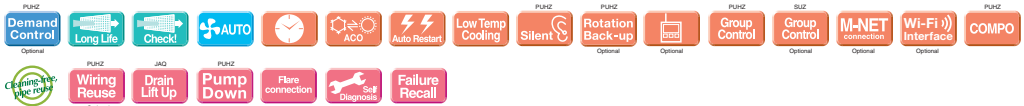
*1 Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 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 CO₂ 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 Optional air protection guide is required where ambient temperature is lower than -5°C. *4 EER/COP and SEER/SCOP for M35-71 are measured at ESP 35Pa, for M100 at ESP 37Pa, for M125/140 at ESP 50Pa.

PEAD-M SERIES

STANDARD INVERTER



Type	Inverter Heat Pump											
Indoor Unit	PEAD-M35JA(L)	PEAD-M50JA(L)	PEAD-M60JA(L)	PEAD-M71JA(L)	PEAD-M100JA(L)	PEAD-M125JA(L)	PEAD-M140JA(L)	PEAD-M140JA(L)	PEAD-M140JA(L)	PEAD-M140JA(L)	PEAD-M140JA(L)	
Outdoor Unit	SUZ-KA35VA6	SUZ-KA50VA6	SUZ-KA60VA6	SUZ-KA71VA6	PUHZ-P100VKA	PUHZ-P100YKA	PUHZ-P125VKA	PUHZ-P125YKA	PUHZ-P140VKA	PUHZ-P140YKA	PUHZ-P140YKA	
Refrigerant	R410A*1											
Power Supply	Outdoor power supply VA: VKA:230 / Single / 50, YKA:400 / Three / 50											
Cooling	Capacity	Rated	kW									
	Min - Max	Rated	kW									
	Total Input	Rated	kW									
	EER*2	Rated	-									
Heating (Average Season)	Capacity	Rated	kW									
	Min - Max	Rated	kW									
	Total Input	Rated	kW									
	COP*2	Rated	-									
Operating Current (max)	Input [Cooling / Heating]	Rated	A									
	Operating Current (max)	Rated	A									
	Dimensions <Panel>	H x W x D	mm									
	Weight <Panel>	kg	kg									
	Air Volume [Lo-Mid-Hi]	m ³ /min	m ³ /min									
	External Static Pressure	Pa	Pa									
	Sound Level (SPL) [Lo-Mid-Hi]	dB(A)	dB(A)									
	Sound Level (PWL)	dB(A)	dB(A)									
	Dimensions	H x W x D	mm									
	Weight	kg	kg									
	Air Volume	Cooling / Heating	m ³ /min									
	Sound Level (SPL)	Cooling / Heating	dB(A)									
	Sound Level (PWL)	Cooling	dB(A)									
	Operating Current (max)	A	A									
	Ext. Piping	Diameter	Liquid / Gas	mm								
Max. Length	Out-In	m										
Max. Height	Out-In	m										
Guaranteed Operating Range [Outdoor]	Cooling*3	°C										
	Heating	°C										

*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 CO₂ 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 Optional air protection guide is required where ambient temperature is lower than -5°C. *4 EER/COP and SEER/SCOP for M35-71 are measured at ESP 35Pa, for M100 at ESP 37Pa, for M125/140 at ESP 50Pa.