PRODUCT INFORMATION(1)

Model(s): Information to identify the model(s) to which the information relates:

Outdoor: PUHZ-P125YKA

Indoor: PEAD-M125JA

Outdoor side heat exchanger of air conditioner: air

Indoor side heat exchanger of air conditioner: air

Type: compressor driven vapour compression

If applicable: driver of compressor: electric motor

$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	Unit	Value	Symbol	Item		Unit	Value	Symbol	Item			
and indoor $27^{\circ}/19 ^{\circ}C$ (dry/wet bulb)at given outdoor temperatures TjTj = + 35 ^{\circ}CPdc12,10kWTj = + 35 ^{\circ}CEER_d2,90Tj = + 30 ^{\circ}CPdc9,10kWTj = + 30 ^{\circ}CEER_d3,90Tj = + 25 ^{\circ}CPdc5,80kWTj = + 25 ^{\circ}CEER_d6,00	%	192,8	$\eta_{s,c}$	cooling energy		kW	12,10	P _{rated,c}				
Tj = + 30 °C Pdc 9,10 kW Tj = + 30 °C EER _d 3,90 Tj = + 25 °C Pdc 5,80 kW Tj = + 25 °C EER _d 6,00	ad		Declared cooling capacity for part load at given outdoor temperatures Tj and indoor 27°/19 °C (dry/wet bulb) Declared energy efficiency ratio for part given outdoor temperatures									
Tj = + 25 °C Pdc 5,80 kW Tj = + 25 °C EER _d 6,00	_	2,90	EER₀	Tj = + 35 °C		kW	12,10	Pdc	Tj = + 35 °C			
	_	3,90	EER _d	Tj = + 30 °C		kW	9,10	Pdc	Tj = + 30 °C			
Tj = + 20 °C Pdc 5,60 kW Tj = + 20 °C EER _d 7,10	_	6,00	EER₀	Tj = + 25 °C		kW	5,80	Pdc	Tj = + 25 °C			
	_	7,10	EER _d	Tj = + 20 °C		kW	5,60	Pdc	Tj = + 20 °C			
Degradation co-efficient for air C _{dc} 0,25 - conditioners(*) C _{dc} 0,25 -						_	0,25	C _{dc}	co-efficient for air			
Power consumption in modes other than 'active mode'		_	e'	s other than 'active mod	mode	umption in m	ower consi	P				

Off mode	P_{OFF}	0,020	kW	Crankcase heater mode	Р _{ск}	0,000	kW
Thermostat-off mode	P _{to}	0,017	kW	Standby mode	P _{SB}	0,020	kW

Other items

Capacity control		variable			For air-to-air air conditioner: air flow rate, outdoor measured	_	5160	m³/h
Sound power level, indoor/outdoor	L _{WA}	66,0 / 72,0	dB					
If engine driven: Emissions of nitrogen oxides	NO _x (**)	_	mg/kWh fuel input GCV					
GWP of the refrigerant		2088	kg CO _{2 eq} (100 years)					
Contact details	MITSUBISHI ELECTRIC CORPORATION SHIZUOKA WORKS 3-18-1, Oshika, Suruga-ku, Shizuoka 422-8528, Japan							

(*) If C_{dc} is not determined by measurement then the default degradation coefficient air conditioners shall be 0,25. **) From 26 September 2018.

Where information relates to multi-split air conditioners, the test result and performance data may be obtained on the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.

(1) This information is based on COMMISSION REGULATION (EU) 2016/2281

Recycle

Your MITSUBISHI ELECTRIC product is designed and manufactured with high quality materials and components which can be recycled and reused.

Electrical and electronic equipment, at their end-of-life, should be disposed of separately from your household waste. Please, dispose of this equipment at your local community waste collection/recycling center.

In the European Union there are separate collection systems for used electrical and electronic product.

Please, help us to conserve the environment we live in!

PRODUCT INFORMATION(1)

Information to identify the model(s) to which the information relates:

Outdoor: PUHZ-P125YKA

Indoor: PEAD-M125JA

Outdoor side heat exchanger of heat pump: air

Indoor side heat exchanger of heat pump: air

Indication if the heater is equipped with a supplementary heater: no

If applicable: driver of compressor: electric motor

Parameters shall be declared for the average heating season, parameters for the warmer and colder heating seasons are optional.

Symbol	Value	Unit		Item	Symbol	Value	Unit	
$P_{rated,h}$	13,50	kW		Seasonal space heating energy efficiency	$\eta_{s,h}$	150,6	%	
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance for part load at given outdoor temperatures Tj				
Pdh	7,50	kW		Tj = – 7 °C	COPd	2,70	_	
Pdh	4,60	kW		Tj = + 2 °C	COPd	3,90	_	
Pdh	4,20	kW		Tj = + 7 °C	COP _d	4,90	_	
Pdh	4,90	kW		Tj = + 12 °C	COP _d	5,80	_	
Pdh	8,50	kW		T _{biv} = bivalent temperature	COP _d	2,00	_	
Pdh	6,00	kW		T_{OL} = operation limit	COP _d	2,00	_	
Pdh	_	kW		For water-to-air heat pumps: Tj = -15 °C (if T _{oL} < -20 °C)	COP₅	_	_	
T_{biv}	-10	°C		For water-to-air heat pumps: Operation limit temperature	T _{ol}	_	°C	
C_{dh}	0,25	_						
Power consumption in modes other than 'active mode'				Supplementary heater				
P_{OFF}	0,020	kW		Back-up heating capacity (*)	elbu	0,000	kW	
P _{TO}	0,015	kW		Type of energy input		I		
Р _{ск}	0,000	kW		Standby mode	P_{SB}	0,020	kW	
		Othe	er it	ems				
	Prated,h Prated,h Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Pdh Tbiv Cdh Tbiv Cdh PoFF PTO	$P_{rated,h}$ 13,50Prate load at indoor temperature TjPdh7,50PdhPdh4,60Pdh4,20Pdh4,90Pdh6,00Pdh6,00Pdh6,00Pdh6,00Pdh0,00Pdh0,020 P_{TO} 0,015	$P_{rated,h}$ 13,50kWPart load at indoor temperature 20 °C and por temperature TjPdh7,50kWPdh4,60kWPdh4,20kWPdh4,90kWPdh6,00kWPdh6,00kWPdh6,00kWPdh0cPdh-10°CCdh0,25-Cdh0,25-PoFF0,020kWPcK0,000kW	$P_{rated,h}$ 13,50 kW Part load at indoor temperature 20 °C and por temperature Tj Pdh 7,50 kW Pdh 7,50 kW Pdh Pdh </td <td>$P_{rated,h}$13,50kWSeasonal space heating energy efficiencypart load at indoor temperature 20 °C and por temperature TjDeclared coefficiencyPdh7,50kWTj = -7 °CPdh4,60kWTj = + 2 °CPdh4,20kWTj = + 7 °CPdh4,90kWTj = + 12 °CPdh4,90kWTj = + 12 °CPdh8,50kWTot = operation limitPdh6,00kWTot = operation limitPdh6,00kWFor water-to-air heat pumps: Tj = -15 °C (if Tot < -20 °C)</td> Tbiv-10°CFor water-to-air heat pumps: Operation limitC_dh0,25-Immodes other than 'active mode'PoFF0,020kWBack-up heating capacity (*)P_TO0,015kWType of energy input	$P_{rated,h}$ 13,50kWSeasonal space heating energy efficiencypart load at indoor temperature 20 °C and por temperature TjDeclared coefficiencyPdh7,50kWTj = -7 °CPdh4,60kWTj = + 2 °CPdh4,20kWTj = + 7 °CPdh4,90kWTj = + 12 °CPdh4,90kWTj = + 12 °CPdh8,50kWTot = operation limitPdh6,00kWTot = operation limitPdh6,00kWFor water-to-air heat pumps: Tj = -15 °C (if Tot < -20 °C)	$P_{rated,h}$ 13,50kWSeasonal space heating energy efficiency $\eta_{s,h}$ $Part load at indoor temperature 20 °C andpor temperature TjDeclared coefficient of performat given outdoor tempPdh7,50kWTj = -7 °CCOP_dPdh4,60kWTj = + 2 °CCOP_dPdh4,20kWTj = + 7 °CCOP_dPdh4,90kWTj = + 12 °CCOP_dPdh4,90kWTj = + 12 °CCOP_dPdh6,00kWTot = operation limitCOP_dPdh6,00kWTot = operation limitCOP_dPdh-kWFor water-to-air heatpumps: Tj = - 15 °C(if Tot < - 20 °C)$	Prated.h13,50kWSeasonal space heating energy efficiency $\eta_{s,h}$ 150,6Part load at indoor temperature 20 °C and por temperature TjDeclared coefficient of performance for pr at given outdoor temperatures TjPdh7,50kWTj = -7 °C COP_d 2,70Pdh4,60kWTj = +2 °C COP_d 9dh4,20kWTj = +7 °C COP_d 3,909dh4,20kWTj = +12 °C COP_d 4,909dh4,90kWTj = +12 °C COP_d 2,009dh8,50kWTot = operation limit COP_d 2,009dh6,00kWTot = operation limit COP_d 2,009dh6,00kWTot = operation limit COP_d 2,009dh-kWFor water-to-air heat pumps: Tj = -15 °C (if $T_{OL} < -20 °C$) COP_d -7t-10°CFor water-to-air heat pumps: Operation limit T_{ol} -7t-10°CFor water-to-air heat pumps: Operation limitTot-7t-10°CSupplementary heater P_{OFF} 0,020kWBack-up heating capacity (*)elbu0,000 P_{CK} 0,000kWStandby mode P_{SB} 0,020	

For air-to-air heat m³/h pumps: air flow rate, 5520 variable Capacity control outdoor measured Sound power level, For water/brine-to-air 66,0 / 74,0 dB L_{WA} indoor/outdoor heat pumps: Rated m³/h brine or water flow mg/kWh Emissions of nitrogen rate, outdoor side heat NO_x(***) fuel input oxides (if applicable) exchanger GCŻ $kg \; CO_{2 \, eq}$ GWP of the refrigerant 2088 (100 years) MITSUBISHI ELECTRIC CORPORATION SHIZUOKA WORKS 3-18-1, Contact details Oshika, Suruga-ku, Shizuoka 422-8528, Japan

^{(*) (**)} If C_{dh} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0,25. (***) From 26 September 2018.

performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.

⁽¹⁾ This information is based on COMMISSION REGULATION (EU) 2016/2281