PRODUCT INFORMATION(1)

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

Outdoor: PUHZ-P125YKA

Indoor: PLA-RP125EA

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

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Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated cooling capacity	P _{rated,c}	12,10	kW		Seasonal space cooling energy efficiency	η _{s,c}	230,3	%
Declared cooling capacity fo and indoo	r part load at g r 27°/19 °C (dr		emperatures Tj		Declared energy at given סנ	v efficiency i utdoor temp		t load
Tj = + 35 °C	Pdc	12,10	kW		Tj = + 35 °C	EER _d	2,90	_
Tj = + 30 °C	Pdc	9,10	kW		Tj = + 30 °C	EERd	4,10	_
Tj = + 25 °C	Pdc	5,80	kW		Tj = + 25 °C	EER _d	7,40	_
Tj = + 20 °C	Pdc	5,40	kW		Tj = + 20 °C	EER _d	10,30	_
Degradation co-efficient for air conditioners(*)	C _{dc}	0,25	_					
	P	ower consi	umption in me	ode	s other than 'active mod	e'	·	
	1	1				1	1	

Off mode	P _{OFF}	0,020	kW	Crankcase heater mode	Р _{ск}	0,000	kW
Thermostat-off mode	P _{TO}	0,003	kW	Standby mode	P _{SB}	0,020	kW

Other items

other tenis									
Capacity control		variable			For air-to-air air conditioner: air flow rate, outdoor measured	_	5160	m³/h	
Sound power level, indoor/outdoor	L _{WA}	65,0 / 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: PLA-RP125EA

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	$\eta_{s,h}$	160,2	%		
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	4,00	_		
Pdh	4,30	kW		Tj = + 7 °C	COP _d	5,70	_		
Pdh	5,00	kW		Tj = + 12 °C	COPd	6,90	_		
Pdh	8,50	kW		T _{biv} = bivalent temperature	COP _d	2,00	_		
Pdh	6,00	kW		T _{oL} = operation limit	COPd	2,00	_		
Pdh	_	kW		For water-to-air heat pumps: Tj = -15 °C (if T _{OL} < -20 °C)	COP₀	_	_		
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					
Р _{ск}	0,000	kW		Standby mode	P_{SB}	0,020	kW		
		Othe	er it	ems					
	Prated,h Part load at ir por temperatu Pdh Pdh Pdh Pdh Pdh Pdh Pdh Tbiv Cdh Tbiv Cdh PoFF PTO	$P_{rated,h}$ 13,50Prated,h13,50Part load at indoor temperature TjPdh7,50Pdh4,60Pdh4,60Pdh5,00Pdh5,00Pdh6,00Pdh6,00Pdh6,00Pdh-Tbiv-10Cdh0,25Cdh0,25Chore than 'acPoff0,020PTO0,015	$P_{rated,h}$ 13,50kWPart load at indoor temperature 20 °C and por temperature TjPdh7,50kWPdh4,60kWPdh4,30kWPdh5,00kWPdh6,00kWPdh6,00kWPdh0.25-C_{dh}0,25-PoFF0,015kWP_CK0,000kW	$P_{rated,h}$ 13,50 kW Part load at indoor temperature 20 °C and por temperature Tj Pdh 7,50 kW Pdh 7,50 kW Pdh </td <td>$P_{rated,h}$13,50kWSeasonal space heating energy efficiencypart load at indoor temperature 20 °C and por temperature TjDeclared coefficier at given ouPdh7,50kWTj = -7 °CPdh4,60kWTj = + 2 °CPdh4,30kWTj = + 7 °CPdh5,00kWTj = + 12 °CPdh5,00kWTj = + 12 °CPdh6,00kWT_{biv} = bivalent temperaturePdh6,00kWT_{oL} = operation limitPdh-kWFor water-to-air heat pumps: Tj = -15 °C (if T_{oL} < -20 °C)</td> T_{biv}-10°CFor water-to-air heat pumps: Operation limit temperatureC_{dh}0,25-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 coefficier at given ouPdh7,50kWTj = -7 °CPdh4,60kWTj = + 2 °CPdh4,30kWTj = + 7 °CPdh5,00kWTj = + 12 °CPdh5,00kWTj = + 12 °CPdh6,00kWT_{biv} = bivalent temperaturePdh6,00kWT_{oL} = operation limitPdh-kWFor water-to-air heat pumps: Tj = -15 °C (if T_{oL} < -20 °C)	$P_{rated,h}$ 13,50kWSeasonal space heating energy efficiency $\eta_{s,h}$ $P_{rated,h}$ 13,50kW $Declared coefficient of performat given outdoor temperature TjPdh7,50kWTj = -7 \ ^{\circ}CCOP_dPdh4,60kWTj = +7 \ ^{\circ}CCOP_dPdh4,60kWTj = +7 \ ^{\circ}CCOP_dPdh4,30kWTj = +7 \ ^{\circ}CCOP_dPdh5,00kWTj = +12 \ ^{\circ}CCOP_dPdh5,00kWT_{biv} = bivalenttemperatureCOP_dPdh6,00kWT_{oL} = operation limitCOP_dPdh6,00kWT_{oL} = operation limitCOP_dPdh-kWFor water-to-air heatpumps: Tj = -15 \ ^{\circ}C(if T_{oL} < -20 \ ^{\circ}C)COP_dT_{biv}-10^{\circ}CFor water-to-air heatpumps: Operation limittemperatureT_{ol}C_{dh}0,25 Pore termentary heatingcapacity (*)elbuP_{OFF}0,000kWType of energy inputP_{SB}$	Prated.h13,50kWSeasonal space heating energy efficiency $\eta_{s,h}$ 160,2Part load at indoor temperature 20 °C and por temperature TjDeclared coefficient of performance for part at given outdoor temperatures TjPdh7,50kWTj = -7 °C COP_d 2,70Pdh4,60kWTj = +2 °C COP_d Pdh4,60kWTj = +7 °C COP_d 4,00Pdh4,30kWTj = +7 °C COP_d 5,70Pdh5,00kWTj = +12 °C COP_d 6,90Pdh5,00kWTot = operation limit COP_d 2,00Pdh6,00kWTot = operation limit COP_d 2,00Pdh6,00kWTot = operation limit COP_d 2,00Pdh-kWFor water-to-air heat pumps: Tj = -15 °C (if $T_{ot} < -20 °C$) COP_d -T_{biv}-10°CFor water-to-air heat pumps: Operation limit T_{ot} -C_{dh}0,25-ImportanceImportanceImportanceC_{dh}0,25-ImportanceImportanceImportanceP_{OFF}0,020kWBack-up heating capacity (*)elbu0,000P_{CK}0,000kWStandby mode P_{SB} 0,020		

For air-to-air heat m³/h pumps: air flow rate, 5520 Capacity control variable outdoor measured Sound power level, For water/brine-to-air 65,0 / 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 GCV kg CO_{2 eq} (100 years) GWP of the refrigerant 2088 MITSUBISHI ELECTRIC CORPORATION SHIZUOKA WORKS 3-18-1, Contact details Oshika, Suruga-ku, Shizuoka 422-8528, Japan

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

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

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