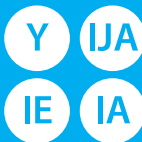




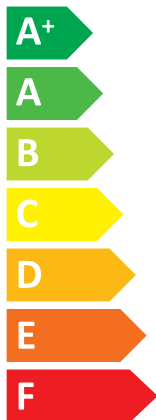
# ENERG

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Model Indoor unit **PCA-RP100KAQ**  
Outdoor unit **PUHZ-P100VHA4**

SEER



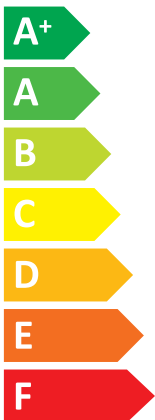
**A**

kW 9,4

SEER 5,1

kWh/annum 645

SCOP



**A**

kW X 8,0 X

SCOP X 3,8 X

kWh/annum X 2945 X



**63dB**



**70dB**



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626/2011





**PRODUCT INFORMATION (\*)**

PACKAGED AIR CONDITIONER	INDOOR MODEL	PCA-RP100KAQ
	OUTDOOR MODEL	PUHZ-P100VHA4

Function (indicate if present)	
cooling	Y
heating	Y

If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season	
Average (mandatory)	Y
Warmer (if designated)	N
Colder (if designated)	N

Item	symbol	value	unit
<b>Design load</b>			
cooling	Pdesignc	9.4	kW
heating/Average	Pdesignh	8.0	kW
heating/Warmer	Pdesignh	x	kW
heating/Colder	Pdesignh	x	kW

Item	symbol	value	unit
<b>Seasonal efficiency</b>			
cooling	SEER	5.1	-
heating/Average	SCOP/A	3.8	-
heating/Warmer	SCOP/W	x	-
heating/Colder	SCOP/C	x	-

<b>Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj</b>			
Tj=35°C	Pdc	9.4	kW
Tj=30°C	Pdc	6.9	kW
Tj=25°C	Pdc	4.7	kW
Tj=20°C	Pdc	4.0	kW

<b>Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj</b>			
Tj=35°C	EERd	2.9	-
Tj=30°C	EERd	4.6	-
Tj=25°C	EERd	7.1	-
Tj=20°C	EERd	9.0	-

<b>Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj=-7°C	Pdh	7.1	kW
Tj=2°C	Pdh	4.3	kW
Tj=7°C	Pdh	2.9	kW
Tj=12°C	Pdh	3.3	kW
Tj=bivalent temperature	Pdh	7.1	kW
Tj=operating limit	Pdh	5.0	kW

<b>Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj=-7°C	COPd	3.0	-
Tj=2°C	COPd	3.6	-
Tj=7°C	COPd	4.9	-
Tj=12°C	COPd	5.8	-
Tj=bivalent temperature	COPd	3.0	-
Tj=operating limit	COPd	1.5	-

<b>Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj=2°C	Pdh	x	kW
Tj=7°C	Pdh	x	kW
Tj=12°C	Pdh	x	kW
Tj=bivalent temperature	Pdh	x	kW
Tj=operating limit	Pdh	x	kW

<b>Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj=2°C	COPd	x	-
Tj=7°C	COPd	x	-
Tj=12°C	COPd	x	-
Tj=bivalent temperature	COPd	x	-
Tj=operating limit	COPd	x	-

<b>Declared capacity for heating/Colder season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj=-7°C	Pdh	x	kW
Tj=2°C	Pdh	x	kW
Tj=7°C	Pdh	x	kW
Tj=12°C	Pdh	x	kW
Tj=bivalent temperature	Pdh	x	kW
Tj=operating limit	Pdh	x	kW
Tj=-15°C	Pdh	x	kW

<b>Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj=-7°C	COPd	x	-
Tj=2°C	COPd	x	-
Tj=7°C	COPd	x	-
Tj=12°C	COPd	x	-
Tj=bivalent temperature	COPd	x	-
Tj=operating limit	COPd	x	-
Tj=-15°C	COPd	x	-

<b>Bivalent temperature</b>			
heating/Average	Tbiv	-7	°C
heating/Warmer	Tbiv	x	°C
heating/Colder	Tbiv	x	°C

<b>Operating limit temperature</b>			
heating/Average	Tol	-15	°C
heating/Warmer	Tol	x	°C
heating/Colder	Tol	x	°C

<b>Cycling interval capacity</b>			
for cooling	Pcycc	x	kW
for heating	Pcyh	x	kW
Degradation co-efficient cooling	Cdc	0.25	-

<b>Cycling interval efficiency</b>			
for cooling	EERcyc	x	-
for heating	COPcyc	x	-
Degradation co-efficient heating	Cdh	0.25	-

<b>Electric power input in power modes other than 'active mode'</b>			
off mode	POFF	25	W
standby mode	PSB	25	W
thermostat - off mode	PTO(c/h)	90/80	W
crankcase heater mode	PCK	5	W

<b>Annual electricity consumption</b>			
cooling	QCE	645	kWh/a
heating/Average	QHE	2945	kWh/a
heating/Warmer	QHE	x	kWh/a
heating/Colder	QHE	x	kWh/a

<b>Capacity control (indicate one of three options)</b>	
fixed	N
staged	N
variable	Y

<b>Other items</b>			
Sound power level (indoor/outdoor)	LWA	63/70	dB(A)
Global warming potential	GWP	1975	kgCO2eq
Rated air flow (indoor/outdoor)	-	1680/3600	m3/h

<b>Contact details for obtaining more information</b>	MITSUBISHI ELECTRIC CORPORATION SHIZUOKA WORKS 3-18-1, Oshika, Suruga-ku, Shizuoka 422-8528, Japan E-mail: melshierp@nb.MitsubishiElectric.co.jp
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(\*) This information is based on the "product information requirement" in COMMISSION REGULATION (EU) No206/2012.

<b>TECHNICAL DOCUMENTATION <sup>(1)</sup></b>
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PACKAGED AIR CONDITIONER	INDOOR MODEL	PCA-RP100KAQ	230H1600W680D (mm)
	OUTDOOR MODEL	PUHZ-P100VHA4	943H950W330D (mm)

<b>Function</b>		
cooling		Y
heating		Y


<b>The heating season</b>		
Average (mandatory)		Y
Warmer (if designated)		N
Colder (if designated)		N

<b>Capacity control</b>		
fixed		N
staged		N
variable		Y

<b>Item</b>	<b>symbol</b>	<b>value</b>	<b>unit</b>
<b>Seasonal efficiency <sup>(2)</sup></b>			
cooling	SEER	5.1	-
heating/Average	SCOP/A	3.8	-
heating/Warmer	SCOP/W	x	-
heating/Colder	SCOP/C	x	-

<b>Energy efficiency class</b>			
cooling	SEER	A	-
heating/Average	SCOP/A	A	-
heating/Warmer	SCOP/W	x	-
heating/Colder	SCOP/C	x	-

<b>Other items</b>			
Sound power level (indoor/outdoor)	LWA	63/70	dB(A)
Refrigerant	-	R410A	-
Global warming potential	GWP	1975	kgCO <sub>2</sub> eq.

<b>Identification and signature of the person empowered to bind the supplier</b>	
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(1) This information is based on COMMISSION DELEGATED REGULATION (EU)No626/2011.

(2) SEER/SCOP values are measured based on FprEN 14825:2011: Testing and rating at part load conditions and calculation of seasonal performance.