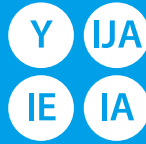




# ENERG

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Model Indoor unit **PKA-M71KAL**  
Outdoor unit **PUHZ-FRP71VHA2**

SEER



**A<sup>++</sup>**

**A<sup>++</sup>**

**A<sup>+</sup>**

**A**

**B**

**C**

**D**

**E**

kW **7,1**

SEER **6,4**

kWh/annum **386**

SCOP



**A<sup>++</sup>**

**A<sup>+</sup>**

**A**

**B**

**C**

**D**

**E**

kW **X 4,7 X**

SCOP **X 4,2 X**

kWh/annum **X 1564 X**



**64 dB**



**67 dB**



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626/2011





**PRODUCT INFORMATION (\*)**

PACKAGED AIR CONDITIONER	INDOOR MODEL	PKA-M71KAL
	OUTDOOR MODEL	PUHZ-FRP71VHA2

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. Indicate 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	P <sub>designc</sub>	7.10	kW
heating/Average	P <sub>designh</sub>	4.70	kW
heating/Warmer	P <sub>designh</sub>	x	kW
heating/Colder	P <sub>designh</sub>	x	kW

Item	symbol	value	unit
<b>Seasonal efficiency</b>			
cooling	SEER	6.4	-
heating/Average	SCOP/A	4.2	-
heating/Warmer	SCOP/W	x	-
heating/Colder	SCOP/C	x	-

<b>Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature T<sub>j</sub></b>			
T <sub>j</sub> =35°C	P <sub>dc</sub>	7.10	kW
T <sub>j</sub> =30°C	P <sub>dc</sub>	5.20	kW
T <sub>j</sub> =25°C	P <sub>dc</sub>	3.30	kW
T <sub>j</sub> =20°C	P <sub>dc</sub>	2.30	kW

<b>Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature T<sub>j</sub></b>			
T <sub>j</sub> =35°C	EER <sub>d</sub>	3.67	-
T <sub>j</sub> =30°C	EER <sub>d</sub>	5.41	-
T <sub>j</sub> =25°C	EER <sub>d</sub>	8.70	-
T <sub>j</sub> =20°C	EER <sub>d</sub>	10.18	-

<b>Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature T<sub>j</sub></b>			
T <sub>j</sub> =-7°C	P <sub>dh</sub>	4.10	kW
T <sub>j</sub> =2°C	P <sub>dh</sub>	2.50	kW
T <sub>j</sub> =7°C	P <sub>dh</sub>	1.60	kW
T <sub>j</sub> =12°C	P <sub>dh</sub>	2.00	kW
T <sub>j</sub> =bivalent temperature	P <sub>dh</sub>	4.70	kW
T <sub>j</sub> =operating limit	P <sub>dh</sub>	3.50	kW

<b>Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature T<sub>j</sub></b>			
T <sub>j</sub> =-7°C	COP <sub>d</sub>	2.76	-
T <sub>j</sub> =2°C	COP <sub>d</sub>	4.24	-
T <sub>j</sub> =7°C	COP <sub>d</sub>	5.41	-
T <sub>j</sub> =12°C	COP <sub>d</sub>	5.72	-
T <sub>j</sub> =bivalent temperature	COP <sub>d</sub>	2.59	-
T <sub>j</sub> =operating limit	COP <sub>d</sub>	2.17	-

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

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

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

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

<b>Bivalent temperature</b>			
heating/Average	T <sub>biv</sub>	-10	°C
heating/Warmer	T <sub>biv</sub>	x	°C
heating/Colder	T <sub>biv</sub>	x	°C

<b>Operating limit temperature</b>			
heating/Average	T <sub>ol</sub>	-20	°C
heating/Warmer	T <sub>ol</sub>	x	°C
heating/Colder	T <sub>ol</sub>	x	°C

<b>Cycling interval capacity</b>			
for cooling	P <sub>cycc</sub>	x	kW
for heating	P <sub>cych</sub>	x	kW
Degradation co-efficient cooling	C <sub>dc</sub>	0.25	-

<b>Cycling interval efficiency</b>			
for cooling	EER <sub>cycc</sub>	x	-
for heating	COP <sub>cycc</sub>	x	-
Degradation co-efficient heating	C <sub>dh</sub>	0.25	-

<b>Electric power input in power modes other than 'active mode'</b>			
off mode	P <sub>OFF</sub>	15	W
standby mode	P <sub>SB</sub>	15	W
thermostat - off mode	P <sub>TO(d/h)</sub>	25/25	W
crankcase heater mode	P <sub>CK</sub>	0	W

<b>Annual electricity consumption</b>			
cooling	Q <sub>CE</sub>	386	kWh/a
heating/Average	Q <sub>HE</sub>	1564	kWh/a
heating/Warmer	Q <sub>HE</sub>	x	kWh/a
heating/Colder	Q <sub>HE</sub>	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	64/67	dB(A)
Global warming potential	GWP	1975	kgCO <sub>2</sub> e <sub>q</sub>
Rated air flow (indoor/outdoor)	-	1320/3000	m <sup>3</sup> /h

<b>Contact details for obtaining more information</b>	Name and address of the manufacturer or of its authorized representative.
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(\*) This information is based on the "product information requirement" in COMMISSION REGULATION (EU) No206/2012.

**TECHNICAL DOCUMENTATION (1)**

PACKAGED AIR CONDITIONER	INDOOR MODEL	PKA-M71KAL	365H1170W295D (mm)
	OUTDOOR MODEL	PUHZ-FRP71VHA2	943H950W330D (mm)

Function	
cooling	Y
heating	Y

The heating season	
Average (mandatory)	Y
Warmer (if designated)	N
Colder (if designated)	N

Capacity control	
fixed	N
staged	N
variable	Y

Item	symbol	value	unit
<b>Seasonal efficiency (2)</b>			
cooling	SEER	6.4	-
heating/Average	SCOP/A	4.2	-
heating/Warmer	SCOP/W	x	-
heating/Colder	SCOP/C	x	-

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

Other items			
Sound power level (indoor/outdoor)	LWA	64/67	dB(A)
Refrigerant	-	R410A	-
Global warming potential	GWP	1975	kgCO2eq.

identification and signature of the person empowered to bind the supplier	
	Atsushi Edayoshi Manager, Packaged Air Conditioners Quality Control Section MITSUBISHI ELECTRIC CORPORATION SHIZUOKA WORKS

(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.