



# ENERG

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Model Indoor unit  
Outdoor unit

**PKA-M60KA**  
**PUZ-ZM60VHA**

SEER



**A++**

A+

A

B

C

D

E

**A++**

kW **6,1**

SEER **6,8**

kWh/annum **313**

SCOP



**A++**

A+

A

B

C

D

E

**A+**

kW X **4,4** X

SCOP X **4,2** X

kWh/annum X **1460** X



**64dB**



**67dB**



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626/2011

A Model		B Indoor unit		PKA-M35HA	PKA-M50HA	PKA-M60KA	PKA-M71KA
		C Outdoor unit		PUZ-ZM35VKA	PUZ-ZM50VKA	PUZ-ZM60VHA	PUZ-ZM71VHA
D Sound power levels on cooling mode		E Inside	dB	60	60	64	64
		F Outside	dB	65	65	67	67
G Refrigerant				R32 GWP 550 *1			
H Cooling	SEER			6,3	6,4	6,8	6,8
	Energy efficiency class			A++	A++	A++	A++
	K Annual electricity consumption *2	kWh/a		200	251	313	364
	L Design load	kW		3,6	4,6	6,1	7,1
M Heating (Average season)	SCOP			4,0	4,1	4,2	4,3
	Energy efficiency class			A+	A+	A+	A+
	K Annual electricity consumption *2	kWh/a		839	1115	1460	1523
	L Design load	kW		2,4	3,3	4,4	4,7
	N Declared capacity	P at reference design temperature R at bivalent temperature S at operation limit temperature	kW	2,4 (-10°C)	3,3 (-10°C)	4,4 (-10°C)	4,7 (-10°C)
			kW	2,4 (-10°C)	3,3 (-10°C)	4,4 (-10°C)	4,7 (-10°C)
kW			2,2 (-11°C)	3,2 (-11°C)	2,8 (-20°C)	3,5 (-20°C)	
O Back up heating capacity		kW	0	0	0	0	

	Deutsch	Italiano	Svenska	Polski	Eesti	Malti	Русский
A	Modell	Modello	Modell	Model	Mudel	Mudell	Модель
B	Innengerät	Unità interna	Inomhusenhet	Jednostka wewnętrzna	Siseseade	Unità għal ġewwa	Внутренний прибор
C	Appareil intérieur	Εσωτερική μονάδα	Ennetiäinen	Notranja enota	Aonad laistigh	Sisäyksikkö	Innendørsenhet
D	Niveaux de puissance corrects en mode de refroidissement	Επίπεδα ισχύος ήχου στην κατάσταση ψύξης	Úrovně hluchnosti v režimu chlazení	Ravni zvočne moči v načinu hlajenja	Leibhéal chumhachta fuaimse ar mhodh fuairithe	Äänvoimakkuustasot viilen-nystilassa	Lyðtrykknivåer i avkjølingsmodus

	Deutsch	Italiano	Svenska	Polski	Eesti	Malti	Русский
H	Kühlen	Raffreddamento	Kyla	Chłodzenie	Jahutus	Tkessiħ	Охлаждение
I	Energieeffizienzklasse	Classe di efficienza energetica	Energiklass	Klasa energetyczna	Energiatõhususe klass	Klassi tal-eficijenza fl-użu tal-enerġija	Класс эффективности использования энергии
J	Jahresstromverbrauch *2	Consumo annuale di energia elettrica *2	Årlig strömförbrukning *2	Zużycie prądu w skali roku *2	Aastane voolatarbimus *2	Konsum annwali tal-elettriku *2	Годовое потребление электроэнергии *2
K	Laustauslegung	Carico nominale	Dimensionerande belastning	Maksymalne obciążenie	Projekteeritud koormus	Tagħbija tad-disinn	Расчетная нагрузка
L	Heizen (Jahresdurchschnitt / wärmeres Wetter)	Riscaldamento (Stagione media / calda)	Värme (Genomsnittlig/varmare årstid)	Ogrzewanie (Sezon umiarkowany/ciepły)	Kütmine (keskmise/soojaperiood)	Tishin (Stagun Medju / Aktar Shun)	Нагрев (средний/теплый сезон)
M	Chauffage (moyenne saison / saison chaude)	Θέρμανση (Εποχή με μέσες / υψηλότερες θερμοκρασίες)	Topeni (přůměrná/teplá sezóna)	Ogrevanje (Povprečni/toplejši letni čas)	Teámh (Séasúr Meánach / Níos téamh)	Lämmitys (Normaali / Lämpimämpi kausi)	Oppvarming (gjennomsnittlig / varmere årstid)
N	Capacité déclarée	Capacità dichiarata	Deklarerad kapacitet	Deklarowana pojemność	Deklareeritud võimsus	Kapaċità ddkjarata	Гарантированная мощность
O	Capacité de chauffage d'appoint	Δυνατότητα εφεδρικής θέρμανσης	Kapacita záložního vytápění	Rezerwna zmogljíwost ogrewanja	Toilleadh téimh chúltaca	Varalämmitysteho	Sikkerhetskapašitet for oppvarming



**PRODUCT INFORMATION (\*)**

PACKAGED AIR CONDITIONER	INDOOR MODEL	PKA-M60KA
	OUTDOOR MODEL	PUZ-ZM60VKA

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	6.1	kW
heating/Average	Pdesignh	4.4	kW
heating/Warmer	Pdesignh	x	kW
heating/Colder	Pdesignh	x	kW

Item	symbol	value	unit
<b>Seasonal efficiency</b>			
cooling	SEER	6.8	-
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 Tj</b>			
Tj=35°C	Pdc	6.10	kW
Tj=30°C	Pdc	4.40	kW
Tj=25°C	Pdc	2.80	kW
Tj=20°C	Pdc	2.70	kW

<b>Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj</b>			
Tj=35°C	EERd	3.91	-
Tj=30°C	EERd	5.70	-
Tj=25°C	EERd	9.00	-
Tj=20°C	EERd	13.30	-

<b>Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj=-7°C	Pdh	3.80	kW
Tj=2°C	Pdh	2.30	kW
Tj=7°C	Pdh	1.70	kW
Tj=12°C	Pdh	2.00	kW
Tj=bivalent temperature	Pdh	4.40	kW
Tj=operating limit	Pdh	2.80	kW

<b>Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj</b>			
Tj=-7°C	COPd	3.00	-
Tj=2°C	COPd	4.20	-
Tj=7°C	COPd	5.30	-
Tj=12°C	COPd	6.20	-
Tj=bivalent temperature	COPd	2.70	-
Tj=operating limit	COPd	1.40	-

<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	-10	°C
heating/Warmer	Tbiv	x	°C
heating/Colder	Tbiv	x	°C

<b>Operating limit temperature</b>			
heating/Average	Tol	-20	°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	17	W
standby mode	PSB	17	W
thermostat - off mode	PTO(c/h)	7/42	W
crankcase heater mode	PCK	0	W

<b>Annual electricity consumption</b>			
cooling	QCE	313	kWh/a
heating/Average	QHE	1460	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	64/67	dB(A)
Global warming potential	GWP	550	kgCO2eq
Rated air flow (indoor/outdoor)	-	1320/3300	m3/h

Contact details for obtaining more information	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.

<b>TECHNICAL DOCUMENTATION (1)</b>
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PACKAGED AIR CONDITIONER	INDOOR MODEL	PKA-M60KA	365H1170W295D (mm)
	OUTDOOR MODEL	PUZ-ZM60VKA	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	6.8	-
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	-	R32	-
Global warming potential	GWP	550	kgCO2eq.

identification and signature of the person empowered to bind the supplier	
	Atsushi Edayoshi Manager, Packaged Air Conditioners Quality Control Section MITSHUBISHI 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.