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Y IJA
IE IA



MITSUBISHI
ELECTRIC

Model

Indoor unit
Outdoor unit

PKA-M100KAL
PUHZ-SHW112VHA

SEER



A++

A+

A

B

C

D

E

A

kW 10,0

SEER 5,2

kWh/annum 673

SCOP



A++

A+

A

B

C

D

E

A

kW X 12,7 X

SCOP X 3,8 X

kWh/annum X 4664 X



65dB



69dB



ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI

626/2011

Ⓐ Model	⑥ Indoor unit		PKA-M100KA	PKA-M100KA	PKA-M100KAL	PKA-M100KAL
	⑦ Outdoor Unit	⑧ PUHZ-SHW112VHA-(BS)	PUHZ-SHW112YHA-(BS)	PUHZ-SHW112VHA-(BS)	PUHZ-SHW112YHA-(BS)	
⑩ Sound power levels on cooling mode	⑨ Inside dB	65	65	65	65	
	⑩ Outside dB	69	69	69	69	
⑪ Refrigerant	R410A GWP 1975 *1					
⑫ Cooling	SEER	5.2	5.2	5.2	5.2	
	⑬ Energy efficiency class	A	A	A	A	
	⑭ Annual electricity consumption *2 kWh/a	673	673	673	673	
	⑮ Design load kW	10.0	10.0	10.0	10.0	
⑯ Heating (Average season)	SCOP	3.8	3.8	3.8	3.8	
	⑬ Energy efficiency class	A	A	A	A	
	⑭ Annual electricity consumption *2 kWh/a	4664	4664	4664	4664	
	⑮ Design load kW	12.7	12.7	12.7	12.7	
	⑯ Declared capacity kW at reference design temperature	11.2 (-10°C)	11.2 (-10°C)	11.2 (-10°C)	11.2 (-10°C)	
	⑯ Declared capacity kW at bivalent temperature	11.2 (-7°C)	11.2 (-7°C)	11.2 (-7°C)	11.2 (-7°C)	
	⑯ Declared capacity kW at operation limit temperature	9.4 (-25°C)	9.4 (-25°C)	9.4 (-25°C)	9.4 (-25°C)	
	⑯ Back up heating capacity kW	1.5	1.5	1.5	1.5	

Deutsch	Italiano	Svenska	Polski	Eesti	Malti	Русский
Français	Ελληνικά	Česky	Slovensko	Gaeilge	Suomi	Norsk
Nederlands	Português	Slovensky	Български	Latviski	Türkçe	
Español	Dansk	Magyar	Română	Lietuvių k.	Hrvatski	
Modell	Modello	Modell	Model	Mudel	Mudell	Модель
Ⓐ Modèle	Μοντέλο	Model	Model	Déanamh	Malli	Modell
Model	Modelo	Model	Model	Modelis	Model	
Modelo	Model	Modell	Model	Modelis	Model	
Innengerät	Unità interna	Inomhusenhet	Jednostka wewnętrzna	Siseseade	Unità għal ġewwa	Внутренний прибор
Ⓑ Appareil intérieur	Εσωτερική μονάδα	Vnitřní jednotka	Notranja enota	Aonad laistigh	Sisäyskiskö	Innendørsenhet
Binnenunit	Unidade interior	Vnútorná jednotka	Вътрешно тяло	Iekštelpu ierice	İç ünite	
Unidad interior	Indendørsenhed	Beltéri egység	Unitate de interior	Patalpoje montuojamas irenginys	Unitarnja jedinica	
Außengerät	Unità esterna	Utomhusenhet	Jednostka zewnętrzna	Välisseade	Unità għal barra	Наружный прибор
Modèle extérieur	Εξωτερική μονάδα	Vnější jednotka	Zunanja enota	Aonad lasmuigh	Ulkoyskiskö	Utendørsenhet
Buitenunit	Unidade exterior	Vonkajšia jednotka	Външно тяло	Ārtelpas ierice	Diş ünite	
Unidad exterior	Undendørsenhed	Kültéri egység	Unitate de exterior	Lauke montuojamas irenginys	Vanjska jedinica	
Schallleistungspegel im Kühlmodus	Livelli di potenza sonora in modalità di raffreddamento	Bullernivå i nedkylningsläget	Poziom moczy dźwięku w trybie chłodzenia	Mūratasemed jahutusrežiimis	Livelli tal-qawwa tal-hsejjes fil-modalità tat-kessieħ	Значения уровня звуковой мощности в режиме охлаждения
ⓘ Niveaux de puissance corrects en mode de refroidissement	Επίπεδα ισχύος ήχου στην κατάσταση ψύξης	Úrovň hlučnosti v režimu chlazení	Ravni zvōčne moči v načinu hlájenja	Leibhéil chumhacha fuaima ar-mhodh ruarrith	Äänenvormakkuustasot viilen-nystilassa	Lydtrykknivåer i avkjølingsmodus
Geluidsniveaus in koelstand	Níveis de potência sonora em modo de arrefecimento	Hladiny akustického výkonu v režime chladenia	Hlava zvukovata možnost v režime na ohlajšané	Akustiskā jaudas līmenis dzesēšanas režīmā	Soğutma modunda ses güç düzeyleri	
Niveles de potencia del sonido en el modo de refrigeración	Lydstyrkenivåer i kølefunktion	Hangnyomásszintek hűtés üzemből	Nivel sonor în modul de răcire	Garsos galios lygis vésinimo režimu	Razine zvučnog tlaka pri hlađenju	
ⓘ Innen	Interno	Insida	Wewnätrz	Sees	Gewwa	Внутри
ⓘ À l'intérieur	Εσωτερικό	Uvnitř	Znotraj	Laistigh	Sisäpuoli	Innwendig
Binnenkant	Interior	Vo vnútri	Вътре	Iekštelpās	İç taraf	
Interior	Individig	Bent	Interior	Vidinis	Unutra	
ⓘ Außen	Esterno	Utsida	Na zewnätrz	Väljas	Barra	Снаружи
ⓘ À l'extérieur	Εξωτερικό	Venku	Zunaj	Lasmuigh	Ulkopuoli	Utvendig
Buitenkant	Exterior	Vonku	На открыто	Ārtelpā	Diş taraf	
Exterior	Udvendig	A szabadban	Exterior	Isörinis	Vani	
Kühlmittel	Refrigerante	Köldmedel	Czynnik chłodniczy	Külmutsagens	Refrigerant	Хладагент
Réfrigérant	Ψυκτικό	Chladivo	Hladino sredstvo	Cuisnéan	Kylmääine	Kjølemedium
Koelmiddel	Refrigerante	Chladivo	Xlapileen aġent	Aukstumagents	Soğutucu	
Refrigerante	Kolemiddeł	Hűtőközeg	Refrigerent	Šaldalas	Rashladno sredstvo	

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Español	Dansk	Magyar	Română	Lietuvių k.	Hrvatski	
Kühlen	Raffreddamento	Kyla	Chłodzenie	Jahutus	Tkessiħ	Охлаждение
ⓘ Refroidissement	Ψύξη	Chlazení	Hlájenie	Fuarú	Vilennys	Avkjøling
Koelen	Arrefecimento	Chladenie	Oxhajdané	Dzesēšana	Soğutma	
Refrigeración	Køling	Hűtés	Răcire	Vésinimas	Hlađenje	
Energieeffizienzklasse	Classe di efficienza energetica	Energiklass	Klasa energetyczna	Energiatħohusse klass	Klassi tal-effiċċenza fl-užu tal-enerġija	Класс эффективности использования энергии
ⓘ Classe d'efficacité énergétique	Κλάση ενεργειακής απόδοσης	Třída energetické účinnosti	Razred energetske učinkovitosti	Aicme ēifeachtulachha fuinnim	Energiatehokkuusluokka	Energieeffektivitetsklasse
Energie-efficiëntiekklasse	Classe de eficiēncija energētika	Trieda energetickej účinnosti	Klasa na enerģijai efektivnosti	Energoefektivitātes klase	Enerģijs varojimo efektivumo klasē	
ⓘ Clase de eficiencia energética	Energieeffektivitetsklass	Energiahatékonyiségi osztály	Clasă de eficiență energetică	Klasa energetiske učinkovitosti	Klasa energetiske učinkovitosti	
Jahresstromverbrauch *2	Consumo annuale di energia elettrica *2	Årlig strömförbrukning *2	Zużycie prądu w skali roku *2	Aastane voolutarbimus *2	Konsum annwali tal-elettriku *2	Годовое потребление электроэнергии *2
ⓘ Consommation d'électricité annuelle *2	Ετήσια κατανάλωση ρεύματος *2	Roční spotřeba elektrické energie *2	Letna poraba elektrike *2	Idú leictreachais bhliantúl *2	Vuotuinen sähkökulutus *2	Arlig strømforbruk *2
ⓘ Jaarlijks elektriciteitsverbruik *2	Consumo anual de electricidadade *2	Ročná spotreba elektriny *2	Godišnja konzumacija na elektronična energija *2	Gada elektroenerģijas patēriņš *2	Yıllık elektrik tüketimi *2	
ⓘ Consumo anual de electricidad *2	Arligt elforbrug *2	Éves áramfogyasztás *2	Consum anual de electricitate *2	Metinis elektros energijos suvarojimas *2	Godišnja potrošnja električne energije *2	
Lastauslegung	Carico nominale	Dimensionerande belastning	Maksymalne obciążenie	Projekteritud koormus	Tagħbija tad-disin	Расчетная нагрузка
ⓘ Charge de calcul	Σχεδιασμός φόρτωσης	Jmenovité zátížení	Nazivna obremenitev	Lód deartha	Laskettu kuormitus	Utformningsbelastning
Ontwerpbelasting	Carga nominal	Projektované zaťaženie	Πrojekten tovar	Aprēķina slodze	Tasarim yükü	
Carga de diseño	Brugslast	Méretezési terhelés	Sarcină nominală	Projektinie apkrova	Težina uređaja	
ⓘ Heizen (Jahresdurchschnitt)	Riscaldamento (stagione media)	Värme (genomsnittlig årstd)	Ogrzewanie (średnie temperatury)	Kütmine (keskmise hooaeg)	Tishin (Staġun medju)	Нагрев (средний сезон)
ⓘ Chauffage (moyenne saison)	Θέρμανση (Μέσο χρονικό διάστημα)	Topení (průměrná sezóna)	Ogrevanje (povprečni letni čas)	Téamh (meánseasús)	Lämmitys (vuodenajan keskiarvo)	Oppvarming (gjennomsnittlig årtid)
Verwarmen (gemiddeld seizoен)	Aquecimento (Média estação)	Vykurovanie (Priemerná sezóna)	Отопление (Среден сезон)	Sildišana (vidēji sezonā)	Isıtma (Ortalama mevsimlik)	
Calefacción (temporada promedio)	Varme (gennemsnittlig sæson)	Fűtés (átlagos időjárás)	Incálzire (sezón mediu)	Šildymas (vidutinio sezonu)	Zagrijavanje (prosječna sezona)	
Nennkapazität	Capacità dichiarata	Deklarerad kapacitet	Deklarerad pojemność	Deklareritud vőimsus	Kapacità dikkirata	Гарантированная мощность
ⓘ Capacité déclarée	Δηλωμένη χωρτικότητα	Udávaná kapacita	Prijavljena zmogljivost	Toileeadh fógartha	Ilmoitettu teho	Erklært kapasitet
Aangegeven capaciteit	Capacidade declarada	Deklarovaný výkon	Обявена мощност	Deklarētā jauda	Beyan edilen kapasite	
Capacidad declarada	Erklaaret kapacitet	Névleges teljesítmény	Capacitate declarată	Deklaruotas pajęgumas	Deklarirani kapacitet	
bei angegebener Referenztemperatur	alla temperatura di progetto di riferimento	vid dimensionerande referenstemperatur	w znamionowej temperaturze odniesienia	projekteerimise vordlustermin temperatuuri juures	f'temperatura tad-disinn ta' referenza	при эталонной расчетной температуре
à la température de calcul de référence	σε θερμοκρασία διαθέσιμου αναρρόπις	při referenční výpočtové teplotě	ob referenční nazivní temperaturi	ag teooth deartha tagartha	perusmitoituslämpötillissa	ved referansetemperatur for utforming
bij referentieontwerptemperatuur	à température nominal de référence	pri referenčnej výpočtovéj teplotě	pri izčislitelna projektna temperatura	aprēķina references temperatūrā	referans tasarım sıcaklığında	
a temperatura de diseño de referencia	ved brugsafhængig referencetemperatur	tervezési referencia-hőmérsékleten	la temperatura de referință nominală	esant norminei projektni temperatūrai	pri referentnoj temperaturi	
bei bivalenter Temperatur	alla temperaturla bivalente	vid bivalent temperatur	w temperaturze biwalentnej	bivalentse temperatuuri juures	f'temperatura bivalenti	при бивалентной температуре
à température bivalente	σε θερμοκρασία διαθέσιμης λειτουργίας	při bivalentní teplotě	pri bivalentni temperaturi	ag teooth dhéhiúsach	kaksiarvoisessa lämpötillassa	ved bivalent temperatur
bij bivalente temperatuur	à température bivalente	pri bivalentnej teplotě	pri bivalentná tempratúra	bivalentā temperatūrā	iki değerli sıcaklıkta	
a temperatura bivalente	ved bivalent temperatur	bivalens hőmérsékleten	la temperatura de bivalentă	esant perējimo ī dvejopo šildymo režimā temperatūrai	pri bivalentnoj temperaturi	
bei Temperatur an der Betriebsgrenze	alla temperaturla limite di funzionamento	vid driftstemperaturens gränsvärde	w granicznej temperatur			

PRODUCT INFORMATION (*)

PACKAGED AIR CONDITIONER	INDOOR MODEL OUTDOOR MODEL	PKA-M100KAL PUHZ-SHW112VHA(-BS)																																																
Function (indicate if present)		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																																																
cooling		Average (mandatory) Y																																																
heating		Warmer (if designated) N Colder (if designated) N																																																
<table border="1"> <thead> <tr> <th>item</th> <th>symbol</th> <th>value</th> <th>unit</th> </tr> </thead> <tbody> <tr> <td align="center" colspan="2">Design load</td><td></td><td></td></tr> <tr> <td>cooling</td><td>Pdesinc</td><td>10.0</td><td>kW</td></tr> <tr> <td>heating/Average</td><td>Pdesignh</td><td>12.7</td><td>kW</td></tr> <tr> <td>heating/Warmer</td><td>Pdesignh</td><td>x</td><td>kW</td></tr> <tr> <td>heating/Colder</td><td>Pdesignh</td><td>x</td><td>kW</td></tr> </tbody> </table>		item	symbol	value	unit	Design load				cooling	Pdesinc	10.0	kW	heating/Average	Pdesignh	12.7	kW	heating/Warmer	Pdesignh	x	kW	heating/Colder	Pdesignh	x	kW	<table border="1"> <thead> <tr> <th>item</th> <th>symbol</th> <th>value</th> <th>unit</th> </tr> </thead> <tbody> <tr> <td align="center" colspan="2">Seasonal efficiency</td><td></td><td></td></tr> <tr> <td>cooling</td><td>SEER</td><td>5.2</td><td>-</td></tr> <tr> <td>heating/Average</td><td>SCOP/A</td><td>3.8</td><td>-</td></tr> <tr> <td>heating/Warmer</td><td>SCOP/W</td><td>x</td><td>-</td></tr> <tr> <td>heating/Colder</td><td>SCOP/C</td><td>x</td><td>-</td></tr> </tbody> </table>	item	symbol	value	unit	Seasonal efficiency				cooling	SEER	5.2	-	heating/Average	SCOP/A	3.8	-	heating/Warmer	SCOP/W	x	-	heating/Colder	SCOP/C	x	-
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heating/Colder	SCOP/C	x	-																																															
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature T _j		Declared energy efficiency ratio, at indoor temperature 27(19) °C and outdoor temperature T _j																																																
T _j =35°C	Pdc	10.0	kW																																															
T _j =30°C	Pdc	7.3	kW																																															
T _j =25°C	Pdc	5.3	kW																																															
T _j =20°C	Pdc	5.5	kW																																															
Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature T _j		Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature T _j																																																
T _j =-7°C	Pdh	11.2	kW																																															
T _j =2°C	Pdh	6.8	kW																																															
T _j =7°C	Pdh	4.4	kW																																															
T _j =12°C	Pdh	5.0	kW																																															
T _j =bivalent temperature	Pdh	11.2	kW																																															
T _j =operating limit	Pdh	9.4	kW																																															
Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature T _j		Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature T _j																																																
T _j =2°C	Pdh	x	kW																																															
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T _j =12°C	Pdh	x	kW																																															
T _j =bivalent temperature	Pdh	x	kW																																															
T _j =operating limit	Pdh	x	kW																																															
Declared capacity for heating/Colder season, at indoor temperature 20°C and outdoor temperature T _j		Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature T _j																																																
T _j =-7°C	Pdh	x	kW																																															
T _j =2°C	Pdh	x	kW																																															
T _j =7°C	Pdh	x	kW																																															
T _j =12°C	Pdh	x	kW																																															
T _j =bivalent temperature	Pdh	x	kW																																															
T _j =operating limit	Pdh	x	kW																																															
T _j =-15°C		T _j =-15°C																																																
Bivalent temperature		Operating limit temperature																																																
heating/Average	Tbiv	-7	°C																																															
heating/Warmer	Tbiv	x	°C																																															
heating/Colder	Tbiv	x	°C																																															
Cycling interval capacity		Cycling interval efficiency																																																
for cooling	Pcycc	x	kW																																															
for heating	Pcych	x	kW																																															
Degradation co-efficient cooling	Cdc	0.25	-																																															
Degradion co-efficient heating		QCE																																																
Electric power input in power modes other than 'active mode'		673 kW/h/a																																																
off mode	POFF	15	W																																															
standby mode	PSB	15	W																																															
thermostat - off mode	PTO(c/h)	80/40	W																																															
crankcase heater mode	PCK	0	W																																															
Annual electricity consumption		QHE																																																
cooling	QCE	673	kWh/a																																															
heating/Average	QHE	4664	kWh/a																																															
heating/Warmer	QHE	x	kWh/a																																															
heating/Colder	QHE	x	kWh/a																																															
Capacity control (indicate one of three options)		Other items																																																
fixed		N																																																
staged		N																																																
variable		Y																																																
Sound power level (indoor/outdoor)		LWA																																																
Global warming potential	GWP	1975	kgCO ₂ eq																																															
Rated air flow (indoor/outdoor)	-	1560/6000	m ³ /h																																															
Contact details for obtaining more information		Name and address of the manufacturer or of its authorized representative.																																																

(*) This information is based on the "product information requirement" in COMMISSION REGULATION (EU) No206/2012.

TECHNICAL DOCUMENTATION (¹)

PACKAGED AIR CONDITIONER	INDOOR MODEL OUTDOOR MODEL	PKA-M100KAL PUHZ-SHW112VHA(-BS)	365H1170W295D (mm) 1350H950W330D (mm)
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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
Seasonal efficiency (²)			
cooling	SEER	5.2	-
heating/Average	SCOP/A	3.8	-
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	65/69	dB(A)
Refrigerant	-	R410A	-
Global warming potential	GWP	1975	kgCO ₂ eq.

identification and signature of the person empowered to bind the supplier		Takashi Tanabe Manager, Quality Assurance Department Mitsubishi Electric Air Conditioning Systems Europe
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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.