



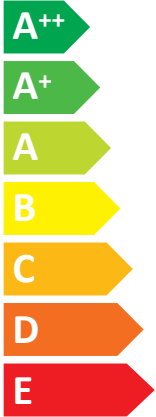
# ENERG

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Model Indoor unit **PEAD-M71JA**  
Outdoor unit **PUHZ-ZRP71VHA2**

SEER



**A+**

kW 7,1

SEER 5,8

kWh/annum 428

SCOP



**A**

kW X 4,9 X

SCOP X 3,9 X

kWh/annum X 1762 X



58dB



67dB



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626/2011

A	Model	B	Indoor unit		PEAD-M35JA	PEAD-M50JA	PEAD-M60JA	PEAD-M71JA		
			Outdoor unit		PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP60VHA2	PUHZ-ZRP71VHA2		
D	Sound power levels on cooling mode	E	Inside	dB	54	59	55	58		
			Outside	dB	65	65	67	67		
C	Refrigerant		R410A GWP 1975 *1							
H	Cooling	SEER			5,7	5,7	6,0	5,8		
		Energy efficiency class			A+	A+	A+	A+		
		Annual electricity consumption *2 kWh/a			221	304	355	428		
		Design load kW			3,6	5,0	6,1	7,1		
M	Heating (Average season)	SCOP			4,0	4,3	4,1	3,9		
		Energy efficiency class			A+	A+	A+	A		
		Annual electricity consumption *2 kWh/a			839	1231	1513	1762		
		Design load kW			2,4	3,8	4,4	4,9		
		N	Declared capacity	P	at reference design temperature	kW	2,4 (-10°C)	3,8 (-10°C)	4,4 (-10°C)	4,9 (-10°C)
					at bivalent temperature	kW	2,4 (-10°C)	3,8 (-10°C)	4,4 (-10°C)	4,9 (-10°C)
					at operation limit temperature	kW	2,2 (-11°C)	3,7 (-11°C)	2,8 (-20°C)	3,7 (-20°C)
		T	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	Außengerät	Unità esterna	Utomhusenhet	Jednostka zewnętrzna	Välisseade	Unità għal barra	Наружный прибор
D	Schalleistungspegel im Kühlmodus	Livelli di potenza sonora in modalità di raffreddamento	Bullernivå i nedkylningsläget	Poziom mocy dźwięku w trybie chłodzenia	Müratasemed jahutusrežiimis	Livelli tal-qawwa tal-hsejjes fil-modalità tat-tkessiġ	Значения уровня звуковой мощности в режиме охлаждения
E	Innen	Interno	Innsida	Wewnętrzny	Sees	Ġewwa	Внутри
F	Außen	Esterno	Utsida	Zewnętrzny	Väljas	Barra	Снаружи
G	Kühlmittel	Refrigerante	Köldmedel	Czynnik chłodniczy	Külmutusagens	Refrigerant	Хладагент

	Deutsch	Italiano	Svenska	Polski	Eesti	Malti	Русский
H	Kühlen	Raffreddamento	Kyla	Chłodzenie	Jahutus	Tkessiġ	Охлаждение
I	Energieeffizienzklasse	Classe di efficienza energetica	Energiklass	Klasa energetyczna	Energiatõhususe klass	Klassi tal-effiċjenza 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 voolutarbimus *2	Konsum annwali tal-elettriku *2	Годовое потребление электроэнергии *2
K	Charge de calcul	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 (Staġun Medju / Aktar Shun)	Нагрев (средний/теплый сезон)
M	Chauffage (moyenne saison / saison chaude)	Θέρμανση (Εποχή με μέσες / υψηλότερες θερμοκρασίες)	Topeni (průměrná/teplá sezóna)	Ogrevanje (Povprečni/toplejši letni čas)	Téamh (Séasúr Meánach / Níos téa)	Lämmitys (Normaali / Lämpimämpi kausi)	Оррварming (gjennomsnittlig / varmere årstid)
N	Capacité déclarée	Capacità dichiarata	Deklarerad kapacitet	Deklarowana pojemność	Deklareeritud võimsus	Kapaċità ddiċjarata	Гарантированная мощность
O	à la température de calcul de référence	alla temperatura di progetto di riferimento	vid dimensionerande referenstemperatur	w znamionowej temperaturze odniesienia	projekteerimise võrdlustemperatuur juures	f'temperatura tad-disinn ta' referenza	при эталонной расчетной температуре
P	bij referentietemperatuur	à temperatura nominal de référence	pri referenční výpočtové teplotě	ob referenční nazivní temperaturi	ag teocht deartha tagartha	perusmitoitulämpötilassa	ved referansetemperatur for utforming
Q	à température bivalente	σε θερμοκρασία δισθενοῦς λειτουργίας	při bivalentní teplotě	pri bivalentni temperaturi	ag teocht dhéfhúsach	kaksiarvoisessa lämpötilassa	ved bivalent temperatur
R	bij bivalente temperatuur	à temperatura bivalente	pri bivalentnej teplotě	pri bivalentna temperatura	bivalentä temperatūrā	iki deġerli siccaklikta	При бивалентній температурі
S	bei Temperatur an der Betriebsgrenze	alla temperatura limite di funzionamento	vid driftstemperaturens gränsvärde	w granicznej temperaturze roboczej	töötamise piirtemperatuur juures	f'temperatura tal-limitu tat-thaddim	при предельной рабочей температуре
T	Backup-Heizleistung	Capacità di riscaldamento addizionale	Kapacitet för reservvärme	Zapasaowa pojemność grzewcza	Tagavara küttevoimsus	Kapaċità tat-tishin ta' sostenn	Резервная тепловая мощность



**PRODUCT INFORMATION (\*)**

PACKAGED AIR CONDITIONER	INDOOR MODEL	PEAD-M71JA
	OUTDOOR MODEL	PUHZ-ZRP71VHA2

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	P <sub>designc</sub>	7.1	kW
heating/Average	P <sub>designh</sub>	4.9	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	5.8	-
heating/Average	SCOP/A	3.9	-
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>	7.1	kW
T <sub>j</sub> =30°C	P <sub>dc</sub>	5.2	kW
T <sub>j</sub> =25°C	P <sub>dc</sub>	3.3	kW
T <sub>j</sub> =20°C	P <sub>dc</sub>	2.2	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>	3.5	-
T <sub>j</sub> =30°C	EER <sub>d</sub>	5.1	-
T <sub>j</sub> =25°C	EER <sub>d</sub>	7.6	-
T <sub>j</sub> =20°C	EER <sub>d</sub>	8.3	-

<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>	4.3	kW
T <sub>j</sub> =2°C	P <sub>dh</sub>	2.6	kW
T <sub>j</sub> =7°C	P <sub>dh</sub>	2.2	kW
T <sub>j</sub> =12°C	P <sub>dh</sub>	2.0	kW
T <sub>j</sub> =bivalent temperature	P <sub>dh</sub>	4.9	kW
T <sub>j</sub> =operating limit	P <sub>dh</sub>	3.7	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>	2.7	-
T <sub>j</sub> =2°C	COP <sub>d</sub>	4.1	-
T <sub>j</sub> =7°C	COP <sub>d</sub>	4.5	-
T <sub>j</sub> =12°C	COP <sub>d</sub>	6.0	-
T <sub>j</sub> =bivalent temperature	COP <sub>d</sub>	2.4	-
T <sub>j</sub> =operating limit	COP <sub>d</sub>	2.3	-

<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>cyhc</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>cyhc</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>	26/26	W
crankcase heater mode	P <sub>CK</sub>	0	W

<b>Annual electricity consumption</b>			
cooling	Q <sub>CE</sub>	428	kWh/a
heating/Average	Q <sub>HE</sub>	1762	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	58/67	dB(A)
Global warming potential	GWP	1975	kgCO <sub>2</sub> e <sub>q</sub>
Rated air flow (indoor/outdoor)	-	1500/3300	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	PEAD-M71JA	250H1100W732D (mm)
	OUTDOOR MODEL	PUHZ-ZRP71VHA2	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	5.8	-
heating/Average	SCOP/A	3.9	-
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	58/67	dB(A)
Refrigerant	-	R410A	-
Global warming potential	GWP	1975	kgCO2eq.

identification and signature of the person empowered to bind the supplier	 <hr/>
	Tomoyuki Miwa 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 EN 14825:2011: Testing and rating at part load conditions and calculation of seasonal performance.