



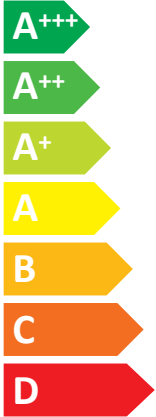
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Model Indoor unit **PEAD-M50JAL**
Outdoor unit **SUZ-M50VA**

SEER



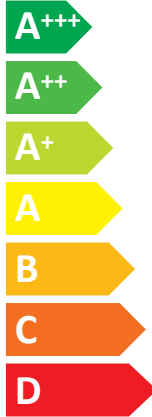
A++

kW 5,0

SEER 6,4

kWh/annum 271

SCOP



A+

kW X 4,3 X

SCOP X 4,2 X

kWh/annum X 1430 X



59dB



64dB



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626/2011

A	Model		Indoor unit	PEAD-M35JAL	PEAD-M50JAL	PEAD-M60JAL	PEAD-M71JAL	
			Outdoor unit	SUZ-M35VA	SUZ-M50VA	SUZ-M60VA	SUZ-M71VA	
	Sound power levels on cooling mode		Inside	54	59	55	58	
B			dB	59	64	65	66	
C	Refrigerant			R32 GWP 550 *1				
D	SEER			6,3	6,4	6,3	6,0	
	Energy efficiency class			A++	A++	A++	A+	
	Annual electricity consumption *2 kWh/a			199	271	335	411	
	Design load kW			3,6	5,0	6,1	7,1	
E	SCOP			3,9	4,2	4,0	3,9	
	Energy efficiency class			A	A+	A+	A	
	Annual electricity consumption *2 kWh/a			931	1430	1594	2080	
	Design load kW			2,6	4,3	4,6	5,8	
F	Declared capacity	at reference design temperature	kW	2,3 (-10°C)	3,8 (-10°C)	4,1 (-10°C)	5,2 (-10°C)	
			kW	2,3 (-7°C)	3,8 (-7°C)	4,1 (-7°C)	5,2 (-7°C)	
			kW	2,3 (-10°C)	3,8 (-10°C)	4,1 (-10°C)	5,2 (-10°C)	
	Back up heating capacity	at operation limit temperature		kW	0,5	0,5	0,5	0,6
				kW	0,5	0,5	0,5	0,6
				kW	0,5	0,5	0,5	0,6

	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	Schallleistungspegel im Kühlmodus	Livelli di potenza sonora in modalità di raffreddamento	Bullernivå i nedkylningsläget	Poziom mocy dźwięku w trybie chłodzenia	Müratasemed jahutusrežim	Livelli tal-qawwa tal-hsejjes fil-modalità tat-tkessiħ	Значения уровня звуковой мощности в режиме охлаждения
E	Innen	Interno	Insida	Wewnařtrz	Sees	Ġewwa	Внутри
F	Außeren	Esterno	Utsida	Na zewnařtrz	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	Tkessiħ	Охлаждение
I	Energieeffizienzklasse	Classe di efficienza energetica	Energiklass	Klasa energetyczna	Energiatõhusususe klass	Klassi tal-efiċjenza 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 vooluarbimus *2	Konsum annwali tal-elettriku *2	Годовое потребление электроэнергии *2
K	Charge de calcul	Carico nominale	Dimensionerande belastning	Maksymalne obciążenie	Projektteeritud koormus	Tagħbija tad-disinn	Расчетная нагрузка
L	Ontwerpbelasting	Carga nominal	Projektované zaťaženie	Nazivna obremenitev	Lõd deartha	Laskettu kuormitus	Уформингсbelastning
M	Chauffage (moyenne saison / saison chaude)	Θέρμανση (Εποχή με μέσες / υψηλότερες θερμοκρασίες)	Topeni (průměrná/teplá sezóna)	Ogrzewanie (Povręčni/toplejši letni čas)	Kütmine (keskmine/soojaperiood)	Tishin (Stagun Medju / Aktar Shun)	Нагрев (средний/теплый сезон)
N	Capacité déclarée	Capacità dichiarata	Deklarerad kapacitet	Deklarowana pojemność	Declareeritud võimsus	Kapaċità ddiċċjarata	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 referentiewerkingtemperatuur	alla temperatura nominale di riferimento	pri referenční výpočtovej teplote	ob referenční nazivní temperaturi	ag teocht deartha tagartha	perusmitoituislämpötilassa	ved referansetemperatur for utforming
Q	à température bivalente	σε θερμοκρασία δισθενοῦς λειτουργίας	pri bivalentní teplotě	pri bivalentni temperaturi	ag teocht dhéfhúsach	kaksiarvoisessa lämpötilassa	ved bivalent temperatur
R	bij referentietemperatuur	alla temperatura limite di funzionamento	pri hraničnej prevádzkovej teplote	pri granična работна температура	ag teocht teorann oibriúcháin	toimintarajalämpötilassa	при предельной рабочей температуре
S	à température de fonctionnement limite	σε θερμοκρασία ορίου λειτουργίας	pri hraničnej prevádzkovej teplote	pri granična работна температура	ag teocht teorann oibriúcháin	toimintarajalämpötilassa	при предельной рабочей температуре
T	Backup-Heizleistung	Capacità di riscaldamento addizionale	Kapacitet för reservvärme	Zaprasowa pojemność grzewcza	Tagavara küttevõimsus	Kapaċità tat-tishin ta' sostenn	Резервная тепловая мощность
U	Capacité de chauffage d'appoint	Δυνατότητα επιθερμάνσης	Kapacita záložního vytápění	Rezerвна зможливість ogręvanja	Toilleadh téimh chúltaca	Varalämmitysteho	Sikkerhetskapasitet for oppvarming
V	Reserveverwarmingcapaciteit	Capacidade de aquecimento de reserva	Výkon záložného vykurovacieho telesa	Мощность на спомогателно електрическо подгръвяване	Rezerves silditāja jauda	Yedek isitma kapasitesi	Резервна теплова потужність
W	Capacidad de calefacción auxiliar	Reservvermepotentiaal	Kiegészítő fűtési teljesítmény	Saracitate de încălzire de siguranță	Pagalbinio šildymo pajėgumas	Kapacitet rezervnog grijanja	

PRODUCT INFORMATION (*)

PACKAGED AIR CONDITIONER	INDOOR MODEL	PEAD-M50JAL
	OUTDOOR MODEL	SUZ-M50VA

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'.	
Average (mandatory)	Y
Warmer (if designated)	N
Colder (if designated)	N

Item	symbol	value	unit
Design load			
cooling	Pdesignc	5.0	kW
heating/Average	Pdesignh	4.3	kW
heating/Warmer	Pdesignh	x	kW
heating/Colder	Pdesignh	x	kW

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

Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	5.00	kW
Tj=30°C	Pdc	3.70	kW
Tj=25°C	Pdc	2.40	kW
Tj=20°C	Pdc	1.70	kW

Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	EERd	3.75	-
Tj=30°C	EERd	5.35	-
Tj=25°C	EERd	8.00	-
Tj=20°C	EERd	11.25	-

Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	3.80	kW
Tj=2°C	Pdh	2.40	kW
Tj=7°C	Pdh	1.50	kW
Tj=12°C	Pdh	1.50	kW
Tj=bivalent temperature	Pdh	3.80	kW
Tj=operating limit	Pdh	3.80	kW

Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	COPd	3.00	-
Tj=2°C	COPd	4.30	-
Tj=7°C	COPd	5.00	-
Tj=12°C	COPd	6.10	-
Tj=bivalent temperature	COPd	3.00	-
Tj=operating limit	COPd	2.00	-

Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
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

Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
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	-

Declared capacity for heating/Colder season, at indoor temperature 20°C and outdoor temperature Tj			
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

Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature Tj			
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	-

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

Operating limit temperature			
heating/Average	Tol	-10	°C
heating/Warmer	Tol	x	°C
heating/Colder	Tol	x	°C

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

Cycling interval efficiency			
for cooling	EERcyc	x	-
for heating	COPcyc	x	-
Degradation co-efficient heating	Cdh	0.25	-

Electric power input in power modes other than 'active mode'			
off mode	POFF	8	W
standby mode	PSB	8	W
thermostat - off mode	PTO(c/h)	26 / 26	W
crankcase heater mode	PCK	0	W

Annual electricity consumption			
cooling	QCE	271	kWh/a
heating/Average	QHE	1430	kWh/a
heating/Warmer	QHE	x	kWh/a
heating/Colder	QHE	x	kWh/a

Capacity control (indicate one of three options)	
fixed	N
staged	N
variable	Y

Other items			
Sound power level (indoor/outdoor)	LWA	59 / 64	dB(A)
Global warming potential	GWP	550	kgCO2eq.
Rated air flow (indoor/outdoor)	-	1020 / 2748	m3/h

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

TECHNICAL DOCUMENTATION ⁽¹⁾			
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PACKAGED AIR CONDITIONER	INDOOR MODEL	PEAD-M50JAL	250H900W732D (mm)
	OUTDOOR MODEL	SUZ-M50VA	714H800W285D (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
Seasonal efficiency ⁽²⁾			
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	59 / 64	dB(A)
Refrigerant	-	R32	-
Global warming potential	GWP	550	kgCO ₂ eq.

identification and signature of the person empowered to bind the supplier	
	Akira Hidaka Department Manager, Quality Assurance Department MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO.,LTD

(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.