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Mitsubishi Electric Erp Directive Related Product Information: erp.mitsubishielectric.eu/erp PRODUCT FICHE Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals This information is based on EU regulation No 811/2013 and No 813/2013.

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de energie-efficiêntie voor waterverwarming onder warmere klimaatomstandigheden Energiefiektivitet vid vattenuppvärmning under varmare klimaaförhållanden energiefiektiviteten ved vandopvarmning under varmere klimatorhöld vedenlämmityksen energiatehökkuus lämpimissa ilmasto-olosuhteissa energiefiekta üčinnost ohřev vody za teplejšich klimatických podmínek energiefiektiviteten ved vandopvarmning under varmere klimatorhöld Sound power level L _{WA} outdoor der Schallleistungspegel L _{WA} im Freien energienstiveau L _{WA} butlen ka textérieur Integluidsvernogenstriveau L _{WA} butlen L_WA butlen L_WA i l'extérieur	Water heating energy efficiency under warmer climate conditions	die Warmwasserbereitungs-Energieeffizienz bei wärmeren Klimaverhältnissen	chauffage de l'eau, dans le
vedenlämmityksen energiatehokkuus lämpimissä ilmasto-olosuhteissa energetická účinnost ohřevu vody za teplejšich klimatických podmínek енергийната ефективност при подгряване на вода при по-топли климатични условия Sound power level L _{WA} outdoor Sound power level L _{WA} outdoor Inet goludisvermogenstriveau L _{WA} bulten L_WA til Center LUNA in Freien Inet goludisvermogenstriveau L _{WA} bulten LUNA i levitérieur	de eneraie-	opvärmn	
Image: Sound power level L _{WA} outdoor der Schallteistungspegel L _{WA} im Freien le niveau de puissance acoustique L _{WA} à l'extérieur Sound power level L _{WA} outdoor Ljudeffektnivân L _{WA} i utomhus lydeffektnivân L _{WA} i utomhus	vedenlämmi	vody za	ефективност при подгряване на вода при по-топли климатични
het geluidsvermogensniveau L _{WA} buiten L _{WA} i ude Ljudeffektnivån L _{WA} i utomhus			-
		ien	acoustique L WA à l'extérieur

	Fenañol
	EAAŋvıká
	unidad exterior Eξωτερική μονάδα
	unidad interior Ecrumpokh μονάδα
	- la aplicación de media temperatura In εφαριμογή σε μέση θεριμοκρασία
	- la aplicación de baja temperatura η εφαρμογή σε χαμηλή θερμοκρασία
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	la clase de eficiencia energética del caldeo de agua η τάξη εντεργειακής απόδοσης θέρμανσης νερού
	 a la policia calorífica nominal(en condiciones climáticas medias) n ονομαστική θεριμική ισχύς(υπό μέσες κλιματικές συνθήκες)
imatiche	- para calentar espacios, el consumo anual de energía(en condiciones climáticas medias)
limáticas mé	ια τη θέρμανση χώρου
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natiche medie)	para calentar agua, el consumo anual de electricidad(en condiciones climáticas medias)
s climáticas m warunkach	για την θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας(υπό μέσες κλιματικές συνθήκες) -
limatiche	la eficiencia energética estacional de calefacción(en condiciones climáticas medias)
náticas mé	η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου(υπό μέσες κλιματικές συνθήκες)
n klimatu edie)	ficiencia energética del caldeo de agua(en condiciones climáticas medias)
édias) owanego)	η ενεργειακή απόδοση θέρμανσης νερού(υπό μέσες κλιματικές συνθήκες) -
	el nivel de potencia acústica L _{WA} en interiores η στάθμη ηχητικής ισχύος L _{WA} εσωτερικού χώρου
	funcionar solamente durante las horas de baja demanda λεπουργία μόνο εκτός των ωρών αιχμής
	a per la policia calorífica nominal en condiciones climáticas más frías η ονομαστική θερμική ισχύς υπό ψυχρότερες κλιματικές συνθήκες
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다	
limatiche più limáticas mais	para calentar espacios, el consumo anual de energía en condiciones climáticas más cá lidas vird Brunovn vilnou i a rrhona kornováhvon svérovara umó Broulótaner klumtkér mivBriker
atu	
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s climáticas	indas για θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας υπό θερμότερες κλιματικές ισινθήκες
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auche piu	inergenca estacional de caletacción en condiciones climaticas mas in renéferences estacional de caletacción en condiciones climaticas mas in
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náticas mais n klimatu ciepł	η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου υπό θερμότερες κλιματικές συνθή κες -
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ı calde	eficiencia energética de caldeo de agua en condiciones climáticas má
is quentes lo	η ενεργειακή απόδοση της θέρμανσης νερού υπό θερμότερες κλιματικές συνθήκες -
	el nivel de potencia acústica L _{vin} , en exteriores η στάθμη ηχητικής ισχύος L _{vin} εξωτερικού χώρου

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	EHSD-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	η s	126	%
Declared capacity for heating for part	t load at	indoor	1	Declared coefficient of performance or prin	mary energy	ratio for	
temperature 20 °C and outdoor temperat	ture T j			part load at indoor temperature 20 °C and	outdoor te	mperature Tj	
Tj = - 7 ° C	Pdh	5.3	kW	Tj = - 7 ° C	COPd	2. 27	-
Degradation co-efficient (**)	Cdh	0. 99	-				
Tj = + 2 ° C	Pdh	4.4	kW	Tj = + 2 ° C	COPd	3. 19	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 ° C	Pdh	4. 1	kW	Tj = + 7 ° C	COPd	3.99	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 ° C	Pdh	2. 7	kW	Tj = +12 ° C	COPd	5.58	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	1.98	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	1.98	-
			_				
Bivalent temperature	Tbiv	-10	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdes i gnh	-10	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than	active mo	de		Supplementary heater			
Off mode	P_{OFF}	0. 015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{T0}	0. 015	kW				
Standby mode	P _{SB}	0. 015	kW	Type of energy input		Electrical	
Crankcase heater mode	Рск	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dBA				
Annual energy consumption	Q_{HE}	3834	k₩h				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	η wh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MA				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No∶	19 Yunusemre – M	anisa, Turkey
The identification and signature of th	he person	empowered	to bind th	e supplier: Kenichi SAITO			
百藤建一				Manager, Quality Assuarance Department			
M MULL DE -				TURKEY			

· Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.

 \cdot Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	EHSD-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	181	%
Declared capacity for heating for par	t load at	indoor		Declared coefficient of performance or prim	nary energy	ratio for	
temperature 20 °C and outdoor tempera	ture T j			part load at indoor temperature 20 $^\circ$ C and	outdoor ten	nperature Tj	
Tj = - 7 ° C	Pdh	5.4	kW	Tj = − 7 ° C	COPd	3. 38	-
Degradation co-efficient (**)	Cdh	0. 99	-				
Tj = + 2 ° C	Pdh	4. 8	kW	Tj = + 2 ° C	COPd	4. 75	-
Degradation co-efficient (**)	Cdh	0. 99	-				
Tj = + 7 ° C	Pdh	4. 9	kW	Tj = + 7 ° C	COPd	5.61	-
Degradation co-efficient (**)	Cdh	0. 98	-				
Tj = +12 ° C	Pdh	3.0	kW	Tj = +12 ° C	COPd	6. 19	-
Degradation co-efficient (**)	Cdh	0. 97	-				
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	2. 74	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	2. 74	-
Bivalent temperature	Tbiv	-10	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdes i gnh	-10	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than	active mo	de		Supplementary heater			
Off mode	P _{0FF}	0. 015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{T0}	0. 015	kW				
Standby mode	P _{SB}	0. 015	kW	Type of energy input		Electrical	
Crankcase heater mode	Рск	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dBA				
Annual energy consumption	Q_{HE}	2701	k₩h				
For heat pump combination heater:							
Declared load profile		-	_	Water heating energy efficiency	η wh	-	%
Daily electricity consumption	Qelec	-	k₩h				
Annual electricity consumption	AEC	-	k₩h				
Contact details							
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MA				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No∶	19 Yunusemre – N	lanisa, Turkey
The identification and signature of the second structure of the second	ne person	empowered	to bind the	supplier; Kenichi SAITO			
The signature is signed in the average cli	mate / mediu	um-temperatu	ure section.	Manager, Quality Assuarance Department			
				TURKEY			
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· Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	EHSD-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	η s	111	%
Declared capacity for heating for part	t load at	indoor		Declared coefficient of performance or prin	nary energy	ratio for	
temperature 20 °C and outdoor temperat	ture T j			part load at indoor temperature 20 $^\circ$ C and	outdoor tem	nperature Tj	
Tj = -7 °C	Pdh	3.6	kW	Tj = - 7 ° C	COPd	2. 44	-
Degradation co-efficient (**)	Cdh	0.99	_				
Tj = + 2 ° C	Pdh	3.6	kW	Tj = + 2 ° C	COPd	3.35	-
Degradation co-efficient (**)	Cdh	0. 99	-				
Tj = + 7 ° C	Pdh	4.3	kW	Tj = + 7 ° C	COPd	4. 85	-
Degradation co-efficient (**)	Cdh	0. 98	-				
Tj = +12 ° C	Pdh	3. 1	kW	Tj = +12 ° C	COPd	6. 78	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	4. 9	kW	Tj = bivalent temperature	COPd	1.70	-
Tj = operation limit temperature (***)	Pdh	3. 9	kW	Tj = operation limit temperature (***)	COPd	1.40	-
Tj = - 15 ° C (if TOL < - 20 ° C)	Pdh	4. 9	kW	Tj = - 15 ° C (if TOL < - 20 ° C)	COPd	1. 70	-
Bivalent temperature	Tbiv	-15	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdes i gnh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than	active mo	de		Supplementary heater			
Off mode	P _{0FF}	0. 015	kW	Rated heat output (*)	Psup	2. 1	kW
Thermostat-off mode	P _{T0}	0. 015	kW				
Standby mode	P _{SB}	0. 015	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dBA				
Annual energy consumption	\mathbf{Q}_{HE}	5181	kWh				
For heat pump combination heater:							
Declared load profile		_		Water heating energy efficiency	η wh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details							
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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model (s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	EHSD-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	135	%
Declared capacity for heating for part	t load at	indoor		Declared coefficient of performance or prim	nary energy	ratio for	
temperature 20 °C and outdoor temperat	ture T j			part load at indoor temperature 20 $^\circ$ C and	outdoor ten	nperature Tj	
Tj = - 7 ° C	Pdh	3.6	kW	Tj = - 7 ° C	COPd	3. 15	-
Degradation co-efficient (**)	Cdh	0. 99	-				
Tj = + 2 ° C	Pdh	3.8	kW	Tj = +2 ° C	COPd	4. 05	-
Degradation co-efficient (**)	Cdh	0. 98	-				
Tj = + 7 ° C	Pdh	4. 5	kW	Tj = + 7 ° C	COPd	5. 40	-
Degradation co-efficient (**)	Cdh	0. 98	-				
Tj = +12 ° C	Pdh	3. 1	kW	Tj = +12 ° C	COPd	7. 56	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	5. 1	kW	Tj = bivalent temperature	COPd	2.00	-
Tj = operation limit temperature (***)	Pdh	3. 1	kW	Tj = operation limit temperature (***)	COPd	1.40	-
Tj = -15 ° C (if TOL < -20 ° C)	Pdh	4. 9	kW	Tj = - 15 ° C (if TOL < - 20 ° C)	COPd	2. 00	-
Bivalent temperature	Tbiv	-16	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdesignh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than	active mo	de	-	Supplementary heater			
Off mode	P _{0FF}	0. 015	kW	Rated heat output (*)	Psup	2. 9	kW
Thermostat-off mode	P _{T0}	0. 015	kW				
Standby mode	P_{SB}	0. 015	kW	Type of energy input		Electrical	
Crankcase heater mode	Рск	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dBA				
Annual energy consumption	\mathbf{Q}_{HE}	4284	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	η wh	-	%
Daily electricity consumption	Qelec	-	k₩h				
Annual electricity consumption	AEC	_	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MA				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No:	19 Yunusemre - M	anisa, Turkey
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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	EHSD-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		warmer climate conditions.

Rated heat output (*)Prated6.0kWDeclared capacity for heating for part load at indoor temperature 20 ° C and outdoor temperature T jDeclared capacity for heating for part load at indoor temperature 20 ° C and outdoor temperature T jDeclared coefficient of performance or prim part load at indoor temperature 20 ° C and T j = -7 ° CT j = -7 ° CPdhT j = -7 ° CPdhT j = +2 ° CPdh6.0KWDegradation co-efficient (**)Cdh1.00-T j = +7 ° CPdh4.0KWDegradation co-efficient (**)Cdh0.99-T j = +12 ° CPdh4.0KWDegradation co-efficient (**)Cdh0.98-T j = bivalent temperaturePdh6.0KWT j = operation limit temperature (***)Pdh6.0KWBivalent temperatureTbiv2° CPower consumption in modes other than active mode0.015KWOff modePor Por0.015KWThermostat-off modePor Por0.015KWOther itemsCapacity controlvariableRated air flow rate, outdoors			% - -
temperature 20 ° C and outdoor temperature T jTj = -7 ° CPdh-Degradation co-efficient (**)Cdh-Tj = + 2 ° CPdh6.0KWDegradation co-efficient (**)Cdh-Tj = + 7 ° CPdh4.0KWDegradation co-efficient (**)Cdh-Tj = +7 ° CPdh4.0KWDegradation co-efficient (**)Cdh0.99Tj = +12 ° CPdh4.0KWDegradation co-efficient (**)CdhDegradation co-efficient (**)Cdh0.98Tj = bivalent temperaturePdhTj = operation limit temperaturePdhTj = operation limit temperatureTbivZ° CReference design conditions for space heatingTdesignhOff modePorF0.015Nemostat-off modePorFOff im temperaturePorFOff im temperaturePorFOff im temperaturePorFOff im temperaturePorFOff im temperaturePorFOff im temperaturePorFOff im temperaturePorF	outdoor te COPd COPd COPd	1.95	;] –] –
Tj = -7 ° CPdhDegradation co-efficient (**)CdhTj = + 2 ° CPdh6.0KWDegradation co-efficient (**)Cdh1.00-Tj = + 7 ° CPdh4.0KWDegradation co-efficient (**)Cdh0.99Tj = +12 ° CPdh4.0Degradation co-efficient (**)Cdh0.99Tj = +12 ° CPdh6.0Begradation co-efficient (**)Cdh0.98Tj = bivalent temperaturePdh6.0KWTj = bivalent temperature (***)PdhBivalent temperatureTbiv2Reference design conditions for space heatingTdesignhOff modePorF0.015Off modePorFOff modePorFOff modePorFOff modePorFOff modePorFOff modePorFOther tems0.015KWType of energy inputOther items0.000	COPd COPd COPd	- 1.95	; – –
Degradationco-efficient (**)Cdh- $Tj = + 2 ° C$ Pdh 6.0 KWDegradationco-efficient (**)Cdh 1.00 $Tj = + 7 ° C$ Pdh 4.0 KWDegradationco-efficient (**)Cdh 0.99 $Tj = +12 ° C$ Pdh 4.0 KWDegradationco-efficient (**)Cdh 0.99 $Tj = +12 ° C$ Pdh 4.0 KWDegradationco-efficient (**)Cdh 0.98 $Tj = bivalent temperaturePdh6.0KWTj = operation limit temperature (***)Pdh6.0Bivalent temperatureTbiv2° CReference design conditions for spaceTdesignh2Power consumption in modes other than active modeSupplementary heaterOff modeP_{0rF}0.015KWThermostat-off modeP_{0x}0.000KWType of energy inputOther itemsPatd oir flow, rate, outdoore$	COPd COPd] –
T j = + 2 ° CPdh6.0kWT j = + 2 ° CDegradation co-efficient (**)Cdh1.00-T j = + 2 ° CT j = + 7 ° CPdh4.0kWT j = + 7 ° CDegradation co-efficient (**)Cdh0.99-T j = +12 ° CPdh4.0kWDegradation co-efficient (**)Cdh0.99T j = bivalent temperaturePdh6.0KWT j = bivalent temperaturePdhT j = operation limit temperature (***)Pdh6.0Bivalent temperatureT biv2° CReference design conditions for spaceT designh2° CPower consumption in modes other than active modeOperation limit temperatureOff modePorF0.015kWThermostat-off modePorF0.015Standby modePs80.015Other i temsPoted sir, flow rate outdoore	COPd] –
Degradation co-efficient (**)Cdh1.00- $Tj = + 7 ° C$ Pdh4.0kW $Tj = + 7 ° C$ Degradation co-efficient (**)Cdh0.99- $Tj = +12 ° C$ Pdh4.0kW $Tj = +12 ° C$ Degradation co-efficient (**)Cdh0.98-Tj = bivalent temperaturePdh6.0kWTj = operation limit temperature (***)Pdh6.0Bivalent temperatureTbiv2° CReference design conditions for spaceTdesignh2° CPower consumption in modes other than active modeSupplementary heaterOff modePorF0.015kWThermostat-off modePorF0.015kWStandby modePor0.000kWOther i temsPated pir flow rate outdeare	COPd		_
T j = + 7 ° CPdh4.0kWDegradation co-efficient (**)Cdh0.99-T j = +12 ° CPdh4.0kWDegradation co-efficient (**)Cdh0.98-T j = bivalent temperaturePdh6.0kWT j = operation limit temperature (***)Pdh6.0Bivalent temperature meatureTbiv2° CReference design conditions for space meatingTdesignh2° CPower consumption in modes other than active mode0.015kWOff modePorf0.015kWThermostat-off modePorf0.015kWStandby modePsB0.015kWOther items0.000kW		3. 10	1
Degradation co-efficient (**) Cdh 0.99 - Tj = +12 ° C Pdh 4.0 KW Tj = +12 ° C Degradation co-efficient (**) Cdh 0.98 - Tj = +12 ° C Tj = bivalent temperature Pdh 6.0 KW Tj = bivalent temperature Tj = bivalent temperature (****) Bivalent temperature Tbiv 2 ° C Operation limit temperature (****) Bivalent temperature Tbiv 2 ° C Operation limit temperature (****) Power consumption in modes other than active mode 0 0.015 KW Rated heat output (*) Thermostat-off mode P _{0FF} 0.015 KW Type of energy input Type of energy input Other items Pated oit flow rate outdoore Pated oit flow rate outdoore Pated oit flow rate outdoore		3. 10	
Tj = +12 ° CPdh4.0kWDegradation co-efficient (**)Cdh 0.98 -Tj = bivalent temperaturePdh 6.0 kWTj = bivalent temperatureTj = operation limit temperature (***)Pdh 6.0 kWTj = operation limit temperature (***)Bivalent temperature meters are mode solutions for space heatingTbiv 2 ° C 0 operation limit temperature (***)Power consumption in modes other than active mode 0.015 kWSupplementary heaterOff mode P_{0FF} 0.015 kWRated heat output (*)Thermostat-off mode P_{SB} 0.015 kWType of energy inputOther items P_{CK} 0.000 kW $Type$ of energy input	COPd	L	-
Degradation co-efficient (**) Cdh 0.98 - Tj = bivalent temperature Pdh 6.0 kW Tj = bivalent temperature Tj = operation limit temperature (***) Pdh 6.0 kW Tj = operation limit temperature (***) Bivalent temperature meating Tbiv 2 ° C ° C Power consumption in modes other than active mode ° C ° C Operation limit temperature Heating water operating limit temperature Off mode PoFF 0.015 kW Rated heat output (*) Thermostat-off mode PoK 0.015 kW Type of energy input Other items Pother items Pother items Pother items Pother further	COPd		1
Tj = bivalent temperaturePdh 6.0 kWTj = bivalent temperatureTj = operation limit temperature (***)Pdh 6.0 kWTj = bivalent temperatureBivalent temperatureTbiv2° COperation limit temperature (***)Bivalent temperatureTbiv2° COperation limit temperatureReference design conditions for spaceTdesignh2° CHeating water operating limit temperaturePower consumption in modes other than active mode0.015kWSupplementary heaterOff modePoFF0.015kWRated heat output (*)Thermostat-off modePog0.015kWType of energy inputStandby modePog0.000kWType of energy inputOther itemsItemsItemsItems		5.80	-
Tj = operation limit temperature (***)Pdh 6.0 kWTj = operation limit temperature (***)Bivalent temperatureTbiv2° COperation limit temperature (***)Reference design conditions for space heatingTdesignh2° CPower consumption in modes other than active modeSupplementary heaterOff mode P_{0FF} 0.015kWThermostat-off mode P_{0FF} 0.015kWStandby mode P_{SB} 0.015kWCrankcase heater mode P_{0K} 0.000kW			1
Bivalent temperature Tbiv 2 ° C Operation limit temperature Reference design conditions for space Tdesignh 2 ° C Heating water operating limit temperature Power consumption in modes other than active mode Supplementary heater Supplementary heater Off mode PorF 0.015 kW Rated heat output (*) Thermostat-off mode PorB 0.015 kW Type of energy input Standby mode PorA 0.000 kW Type of energy input Other items Description Rated air flow rate outdoore	COPd	1.95	-
Reference design conditions for space heating Tdesignh 2 ° C Heating water operating limit Power consumption in modes other than active mode Supplementary heater Supplementary heater Off mode PorF 0.015 kW Thermostat-off mode Por 0.015 kW Standby mode Por 0.015 kW Crankcase heater mode Por 0.000 kW Other items Port Port Port	COPd	1.95	-
Reference design conditions for space heating Tdesignh 2 ° C Heating water operating limit Power consumption in modes other than active mode Supplementary heater Supplementary heater Off mode PorF 0.015 kW Thermostat-off mode Por 0.015 kW Standby mode Por 0.015 kW Crankcase heater mode Por 0.000 kW Other items Port Port Port			1
heating Idesign Z temperature Power consumption in modes other than active mode Supplementary heater Off mode PoFF 0.015 Thermostat-off mode PTO 0.015 Standby mode PSB 0.015 Crankcase heater mode POK 0.000	TOL	-25	°C
Power consumption in modes other than active mode Supplementary heater Off mode POFF 0.015 kW Thermostat-off mode PTO 0.015 kW Standby mode PSB 0.015 kW Crankcase heater mode PCK 0.000 kW	WTOL	60	°C
Thermostat-off mode PTO 0.015 kW Standby mode PSB 0.015 kW Crankcase heater mode PCK 0.000 kW		1	I
Standby mode P _{SB} 0.015 kW Type of energy input Crankcase heater mode P _{CK} 0.000 kW Type of energy input Other items Image: stand st	Psup	0.0	kW
Crankcase heater mode P _{CK} 0.000 kW Other items		+	•
Other items		Electrical	
Capacity control variable Rated air flow rate, outdoors			
valiable valiable		2220	m³/h
Sound power level, indoors/outdoors L _{WA} 41 / 54 dBA			1
Annual energy consumption Q _{HE} 2093 kWh			
For heat pump combination heater:			
Declared load profile - Water heating energy efficiency	η wh	-	%
Daily electricity consumption Qelec - kWh			
Annual electricity consumption AEC - kWh			
Contact details			
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MANUFACTURING TURKEY JOINT STOCK COMPANY Manisa OSB 4. Kisim Kecilikoyosb Mah. Ahmet Nazif Zorl	u Bulvari No:	:19 Yunusemre -	Manisa, Turkey
The identification and signature of the person empowered to bind the supplier;			
Kenichi SAITO The signature is signed in the average climate / medium-temperature section. Manager, Quality Assuarance Department			
· Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.			

· Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	EHSD-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	208	%
Declared capacity for heating for par	t load at	indoor		Declared coefficient of performance or prin	nary energy	ratio for	
temperature 20 $^\circ$ C and outdoor temperative	ture T j			part load at indoor temperature 20 $^\circ$ C and	outdoor ter	mperature Tj	
Tj = - 7 ° C	Pdh	-	kW	Tj = - 7 ° C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 ° C	Pdh	6.0	kW	Tj = + 2 ° C	COPd	3. 65	-
Degradation co-efficient (**)	Cdh	0. 99	-				
Tj = + 7 ° C	Pdh	4.4	kW	Tj = + 7 ° C	COPd	4. 80	-
Degradation co-efficient (**)	Cdh	0. 98	-				
Tj = +12 ° C	Pdh	4. 7	kW	Tj = +12 ° C	COPd	7.00	-
Degradation co-efficient (**)	Cdh	0. 98	-				
Tj = bivalent temperature	Pdh	6. 0	kW	Tj = bivalent temperature	COPd	3.65	-
Tj = operation limit temperature (***)	Pdh	6. 0	kW	Tj = operation limit temperature (***)	COPd	3.65	-
			-				
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdes i gnh	2	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than	active mo	de		Supplementary heater			
Off mode	P _{0FF}	0. 015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{T0}	0. 015	kW				
Standby mode	P_{SB}	0. 015	kW	Type of energy input		Electrical	
Crankcase heater mode	Рск	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dBA				
Annual energy consumption	\mathbf{Q}_{HE}	1519	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	η wh	-	%
Daily electricity consumption	Qelec	-	k₩h				
Annual electricity consumption	AEC	-	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MA				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No:	19 Yunusemre - Ma	anisa, Turkey
The identification and signature of the	ne person	empowered	to bind the				
The signature is signed in the average cli	mate / medi	um-temperatu	ire section.	Kenichi SATTO Manager, Quality Assuarance Department TURKEY			
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MA The identification and signature of th	me person mate / medin ance and ass	empowered um-temperatu embly can be	to bind the ure section.	supplier; Kenichi SAITO Manager, Quality Assuarance Department TURKEY installation and or operation manuals.	lu Bulvari No:	19 Yunusemre - M	anisa,

· Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	ERSD-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	η s	128	%
Declared capacity for heating for part	t load at	indoor	1	Declared coefficient of performance or prin	mary energy	ratio for	
temperature 20 °C and outdoor temperat	ture T j			part load at indoor temperature 20 °C and	outdoor te	mperature Tj	
Tj = - 7 ° C	Pdh	5.3	kW	Tj = - 7 ° C	COPd	2. 27	-
Degradation co-efficient (**)	Cdh	0. 99	-				
Tj = + 2 ° C	Pdh	4.4	kW	Tj = + 2 ° C	COPd	3. 19	-
Degradation co-efficient (**)	Cdh	0. 99	-				
Tj = + 7 ° C	Pdh	4. 1	kW	Tj = + 7 ° C	COPd	3.99	-
Degradation co-efficient (**)	Cdh	0. 99	-				
Tj = +12 ° C	Pdh	2. 7	kW	Tj = +12 ° C	COPd	5.58	-
Degradation co-efficient (**)	Cdh	0. 97	-				
Tj = bivalent temperature	Pdh	6. 0	kW	Tj = bivalent temperature	COPd	1.98	-
Tj = operation limit temperature (***)	Pdh	6. 0	kW	Tj = operation limit temperature (***)	COPd	1.98	-
Bivalent temperature	Tbiv	-10	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdes i gnh	-10	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than	active mo	de		Supplementary heater			
Off mode	P_{OFF}	0. 015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{T0}	0. 015	kW				
Standby mode	P_{SB}	0. 015	kW	Type of energy input		Electrical	
Crankcase heater mode	Рск	0. 000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dBA				
Annual energy consumption	Q_{HE}	3779	k₩h				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	η wh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MA				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No∶	19 Yunusemre – M	anisa, Turkey
The identification and signature of th	ne person	empowered	to bind th	e supplier: Kenichi SAITO			
百藤建一				Manager, Quality Assuarance Department			
M MOLE DE -				TURKEY			
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· Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.

 \cdot Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	ERSD-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	η s	184	%
Declared capacity for heating for par-	t load at	indoor	•	Declared coefficient of performance or prin	nary energy	ratio for	
temperature 20 °C and outdoor tempera	ture T j			part load at indoor temperature 20 $^\circ$ C and	outdoor ter	mperature Tj	i
Tj = - 7 ° C	Pdh	5.4	kW	Tj = - 7 ° C	COPd	3. 38	-
Degradation co-efficient (**)	Cdh	0. 99	_				
Tj = + 2 ° C	Pdh	4.8	kW	Tj = + 2 ° C	COPd	4. 75	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 ° C	Pdh	4. 9	kW	Tj = + 7 ° C	COPd	5. 61	-
Degradation co-efficient (**)	Cdh	0. 98	-			,	
Tj = +12 ° C	Pdh	3. 0	kW	Tj = +12 ° C	COPd	6. 19	-
Degradation co-efficient (**)	Cdh	0. 97	-				
Tj = bivalent temperature	Pdh	6. 0	kW	Tj = bivalent temperature	COPd	2. 74	-
Tj = operation limit temperature (***)	Pdh	6. 0	kW	Tj = operation limit temperature (***)	COPd	2. 74	-
			•				
Bivalent temperature	Tbiv	-10	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdes i gnh	-10	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than	active mo	de		Supplementary heater			
Off mode	P _{0FF}	0. 015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{T0}	0. 015	kW				
Standby mode	P_{SB}	0. 015	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L_{WA}	41 / 54	dBA				
Annual energy consumption	Q _{HE}	2646	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	η wh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MA				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No:	19 Yunusemre – I	Manisa, Turkey
The identification and signature of the second structure of the second	ne person	empowered	to bind the	supplier; Kenichi SAITO			
The signature is signed in the average cli	mate / mediu	um-temperatu	re section.	Manager, Quality Assuarance Department			
				TURKEY			
· Details and precautions on installation, maintena	ance and ass	embly can be	e found in the	installation and or operation manuals.			
· Details and precautions on recycling and/or dis	posal at end-	of-life can be	found in the	installation and or operation manuals.			

· Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	ERSD-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6. 0	kW	Seasonal space heating energy efficiency	ηs	112	%
Declared capacity for heating for part	t load at	indoor		Declared coefficient of performance or prin	nary energy	ratio for	
temperature 20 °C and outdoor temperat	ture T j			part load at indoor temperature 20 $^\circ$ C and	outdoor tem	nperature Tj	
Tj = -7 °C	Pdh	3.6	kW	Tj = - 7 ° C	COPd	2. 44	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 ° C	Pdh	3.6	kW	Tj = + 2 ° C	COPd	3. 35	-
Degradation co-efficient (**)	Cdh	0. 99	-				
Tj = + 7 ° C	Pdh	4.3	kW	Tj = + 7 ° C	COPd	4. 85	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 ° C	Pdh	3. 1	kW	Tj = +12 ° C	COPd	6. 78	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	4. 9	kW	Tj = bivalent temperature	COPd	1. 70	-
Tj = operation limit temperature (***)	Pdh	3. 9	kW	Tj = operation limit temperature (***)	COPd	1.40	-
Tj = - 15 ° C (if TOL < - 20 ° C)	Pdh	4. 9	kW	Tj = - 15 ° C (if TOL < - 20 ° C)	COPd	1. 70	-
Bivalent temperature	Tbiv	-15	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdes i gnh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than	active mo	de		Supplementary heater			
Off mode	P _{0FF}	0. 015	kW	Rated heat output (*)	Psup	2. 1	kW
Thermostat-off mode	P _{T0}	0. 015	kW				
Standby mode	P _{SB}	0. 015	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dBA				
Annual energy consumption	$Q_{\rm HE}$	5147	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	η wh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	_	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MA				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No:	19 Yunusemre – M	anisa, Turkey
The identification and signature of the	ne person	empowered	to bind the	e supplier; Kenichi SAITO			
The signature is signed in the average cli	mate / mediu	um-temperatu	re section.	Manager, Quality Assuarance Department TURKEY			
 Details and precautions on installation, maintena Details and precautions on recycling and/or dis 		,		· ·			

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	ERSD-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	η s	136	%
Declared capacity for heating for part	t load at	indoor		Declared coefficient of performance or prin	nary energy	ratio for	
temperature 20 °C and outdoor temperat	ture T j			part load at indoor temperature 20 $^\circ$ C and	outdoor tem	nperature Tj	
Tj = - 7 ° C	Pdh	3.6	kW	Tj = - 7 ° C	COPd	3. 15	-
Degradation co-efficient (**)	Cdh	0. 99	-			<u>.</u>	
Tj = + 2 ° C	Pdh	3.8	kW	Tj = + 2 ° C	COPd	4. 05	-
Degradation co-efficient (**)	Cdh	0. 98	-				
Tj = + 7 ° C	Pdh	4. 5	kW	Tj = + 7 ° C	COPd	5. 40	-
Degradation co-efficient (**)	Cdh	0. 98	-			<u>.</u>	
Tj = +12 ° C	Pdh	3. 1	kW	Tj = +12 ° C	COPd	7. 56	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	5. 1	kW	Tj = bivalent temperature	COPd	2.00	-
Tj = operation limit temperature (***)	Pdh	3. 1	kW	Tj = operation limit temperature (***)	COPd	1.40	-
Tj = - 15 ° C (if TOL < - 20 ° C)	Pdh	4. 9	kW	Tj = - 15 ° C (if TOL < - 20 ° C)	COPd	2.00	-
Bivalent temperature	Tbiv	-16	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdes i gnh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than	active mo	de		Supplementary heater			
Off mode	P_{0FF}	0.015	kW	Rated heat output (*)	Psup	2.9	kW
Thermostat-off mode	P _{T0}	0. 015	kW				
Standby mode	P _{SB}	0. 015	kW	Type of energy input		Electrical	
Crankcase heater mode	Рск	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dBA				
Annual energy consumption	\mathbf{Q}_{HE}	4251	k₩h				
For heat pump combination heater:							
Declared load profile		_		Water heating energy efficiency	η wh	-	%
Daily electricity consumption	Qelec	-	k₩h				
Annual electricity consumption	AEC	-	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MA				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No∷	19 Yunusemre – M	anisa, Turkey
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The signature is signed in the average cli	mate / mediu	um-temperatu	re section.	Manager, Quality Assuarance Department			
The signature is signed in the average cli • Details and precautions on installation, maintena • Details and precautions on recycling and/or dis	ince and ass	embly can be	found in the	TURKEY installation and or operation manuals.			

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	ERSD-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		warmer climate conditions.

Rated heat output (*) Declared capacity for heating for part temperature 20 °C and outdoor temperatu Tj = -7 °C Degradation co-efficient (**)		6.0 indoor -	kW	Seasonal space heating energy efficiency Declared coefficient of performance or prim	ηs nary energy	155 ratio for	%
temperature 20 °C and outdoor temperatu Tj = -7 °C Degradation co-efficient (**)	ıre Tj Pdh				nary energy	ratio for	
Tj = - 7 ° C Degradation co-efficient (**)	Pdh	_					
Degradation co-efficient (**)		-		part load at indoor temperature 20 $^\circ$ C and	outdoor tem	nperature Tj	
-	Cdh		kW	Tj = - 7 ° C	COPd	-	-
T' . 0 ° 0		-	-				
Tj = +2 °C	Pdh	6.0	kW	Tj = + 2 ° C	COPd	1.95	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 7 ° C	Pdh	4.0	kW	Tj = + 7 ° C	COPd	3. 10	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 ° C	Pdh	4.0	kW	Tj = +12 ° C	COPd	5.80	-
Degradation co-efficient (**)	Cdh	0. 98	-				
Tj = bivalent temperature	Pdh	6. 0	kW	Tj = bivalent temperature	COPd	1.95	-
Tj = operation limit temperature (***)	Pdh	6. 0	kW	Tj = operation limit temperature (***)	COPd	1.95	-
	I						
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdes i gnh	2	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than	active mo	de		Supplementary heater			
Off mode	P _{0FF}	0. 015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{T0}	0. 015	kW				
Standby mode	P _{SB}	0. 015	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{CK}	0.000	kW				
Other items			I I	1			
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
L Sound power level, indoors/outdoors	L _{WA}	41 / 54	dBA				
Annual energy consumption	Q _{HE}	2027	kWh				
For heat pump combination heater:			L				
Declared load profile		-		Water heating energy efficiency	η wh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details							
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The simulation is simulation the suspense of im-	-+- /			Kenichi SAITO			
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Details and precautions on installation, maintenan	ce and asse	embly can be	found in the				

 \cdot Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	ERSD-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	η s	218	%
Declared capacity for heating for part	: load at	indoor		Declared coefficient of performance or prim	nary energy	ratio for	
temperature 20 °C and outdoor temperat	ure Tj			part load at indoor temperature 20 $^\circ$ C and	outdoor ten	nperature Tj	
Tj = - 7 ° C	Pdh	-	kW	Tj = - 7 ° C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 ° C	Pdh	6.0	kW	Tj = + 2 ° C	COPd	3. 65	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 ° C	Pdh	4.4	kW	Tj = + 7 ° C	COPd	4. 80	-
Degradation co-efficient (**)	Cdh	0. 98	-				
Tj = +12 ° C	Pdh	4. 7	kW	Tj = +12 ° C	COPd	7.00	-
Degradation co-efficient (**)	Cdh	0. 98	-				
Tj = bivalent temperature	Pdh	6. 0	kW	Tj = bivalent temperature	COPd	3. 65	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	3. 65	-
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdes i gnh	2	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than	active mo	de	•	Supplementary heater			
Off mode	P _{0FF}	0. 015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{T0}	0. 015	kW			• • • •	
Standby mode	P _{SB}	0. 015	kW	Type of energy input		Electrical	
Crankcase heater mode	Рск	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dBA				
Annual energy consumption	Q_{HE}	1453	k₩h				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	η wh	-	%
Daily electricity consumption	Qelec	-	k₩h				
Annual electricity consumption	AEC	-	k₩h				
Contact details							
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MA	NUFACTURING T	URKEY JOINT S	TOCK COMPANY	Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	u Bulvari No:	19 Yunusemre - M	anisa, Turkey
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The aignoture is aigned in the success of	moto / modi:	m_tomporation	ro postion	Kenichi SAITO Manager, Quality Assuarance Department			
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Details and precautions on installation, maintena	nce and asso	embly can be	found in the				

· Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	EHSD-MED
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6. 0	kW	Seasonal space heating energy efficiency	η s	126	%
Declared capacity for heating for part	t load at	indoor	I	Declared coefficient of performance or prin	mary energy	ratio for	
temperature 20 °C and outdoor temperat	ture T j			part load at indoor temperature 20 °C and	outdoor te	mperature Tj	
Tj = - 7 ° C	Pdh	5.3	kW	Tj = - 7 ° C	COPd	2. 27	-
Degradation co-efficient (**)	Cdh	0. 99	-			<u></u>	
Tj = + 2 ° C	Pdh	4.4	kW	Tj = + 2 ° C	COPd	3. 19	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 ° C	Pdh	4.1	kW	Tj = + 7 ° C	COPd	3.99	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 ° C	Pdh	2. 7	kW	Tj = +12 ° C	COPd	5. 58	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	1.98	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	1.98	-
Bivalent temperature	Tbiv	-10	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdesignh	-10	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than	active mo	de		Supplementary heater			
Off mode	P _{0FF}	0. 015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{T0}	0. 015	kW			•	
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	Рск	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L_{WA}	41 / 54	dBA				
Annual energy consumption	Q_{HE}	3834	k₩h				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	η wh	-	%
Daily electricity consumption	Qelec	_	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details							
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百藤正一				Manager, Quality Assuarance Department			
				TURKEY			

· Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.

· Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	EHSD-MED
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	η s	181	%
Declared capacity for heating for part	t load at	indoor		Declared coefficient of performance or prim	nary energy	ratio for	
temperature 20 °C and outdoor temperat	ture T j			part load at indoor temperature 20 $^\circ$ C and	outdoor ten	nperature Tj	
Tj = - 7 ° C	Pdh	5.4	kW	Tj = - 7 ° C	COPd	3. 38	-
Degradation co-efficient (**)	Cdh	0.99	_				
Tj = + 2 ° C	Pdh	4.8	kW	Tj = + 2 ° C	COPd	4. 75	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 ° C	Pdh	4. 9	kW	Tj = + 7 ° C	COPd	5. 61	-
Degradation co-efficient (**)	Cdh	0. 98	-				
Tj = +12 ° C	Pdh	3.0	kW	Tj = +12 ° C	COPd	6. 19	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	6. 0	kW	Tj = bivalent temperature	COPd	2. 74	-
Tj = operation limit temperature (***)	Pdh	6. 0	kW	Tj = operation limit temperature (***)	COPd	2. 74	-
Bivalent temperature	Tbiv	-10	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdes i gnh	-10	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than	active mo	de		Supplementary heater			
Off mode	P _{0FF}	0. 015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{T0}	0. 015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	Рск	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dBA				
Annual energy consumption	Q _{HE}	2701	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	η wh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details				+			
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· Details and precautions on installation, maintena	ance and ass	embly can be	found in the				
· Details and precautions on recycling and/or dis	posal at end-	of-life can be	found in the	installation and or operation manuals.			

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	EHSD-MED
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	η s	111	%
Declared capacity for heating for part	t load at	indoor		Declared coefficient of performance or prin	nary energy	ratio for	
temperature 20 °C and outdoor temperat	ture T j			part load at indoor temperature 20 $^\circ$ C and	outdoor tem	nperature Tj	
Tj = - 7 ° C	Pdh	3.6	kW	Tj = - 7 ° C	COPd	2. 44	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 ° C	Pdh	3.6	kW	Tj = + 2 ° C	COPd	3. 35	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 ° C	Pdh	4.3	kW	Tj = + 7 ° C	COPd	4. 85	-
Degradation co-efficient (**)	Cdh	0. 98	-				
Tj = +12 ° C	Pdh	3. 1	kW	Tj = +12 ° C	COPd	6. 78	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	4. 9	kW	Tj = bivalent temperature	COPd	1. 70	-
Tj = operation limit temperature (***)	Pdh	3. 9	kW	Tj = operation limit temperature (***)	COPd	1.40	-
Tj = - 15 ° C (if TOL < - 20 ° C)	Pdh	4. 9	kW	Tj = - 15 ° C (if TOL < - 20 ° C)	COPd	1. 70	-
Bivalent temperature	Tbiv	-15	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdes i gnh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than	active mo	de		Supplementary heater			
Off mode	P _{0FF}	0. 015	kW	Rated heat output (*)	Psup	2. 1	kW
Thermostat-off mode	P _{T0}	0.015	kW				
Standby mode	P_{SB}	0. 015	kW	Type of energy input		Electrical	
Crankcase heater mode	Рск	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dBA				
Annual energy consumption	\mathbf{Q}_{HE}	5181	k₩h				
For heat pump combination heater:							
Declared load profile		_		Water heating energy efficiency	η wh	-	%
Daily electricity consumption	Qelec	-	k₩h				
Annual electricity consumption	AEC	-	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MA				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No∷	19 Yunusemre - M	lanisa, Turkey
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Details and precautions on installation, maintena Details and precautions on recycling and/or dis		-		installation and or operation manuals.			

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	EHSD-MED
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	η s	135	%
Declared capacity for heating for par-	t load at	indoor		Declared coefficient of performance or prin	nary energy	ratio for	
temperature 20 °C and outdoor tempera	ture T j			part load at indoor temperature 20 $^\circ$ C and	outdoor ter	mperature Tj	
Tj = − 7 ° C	Pdh	3.6	kW	Tj = - 7 ° C	COPd	3. 15	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 ° C	Pdh	3.8	kW	Tj = + 2 ° C	COPd	4. 05	-
Degradation co-efficient (**)	Cdh	0. 98	-				
Tj = + 7 ° C	Pdh	4. 5	kW	Tj = + 7 ° C	COPd	5.40	-
Degradation co-efficient (**)	Cdh	0. 98	-				
Tj = +12 ° C	Pdh	3. 1	kW	Tj = +12 ° C	COPd	7.56	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	5. 1	kW	Tj = bivalent temperature	COPd	2.00	-
Tj = operation limit temperature (***)	Pdh	3. 1	kW	Tj = operation limit temperature (***)	COPd	1.40	-
Tj = - 15 ° C (if TOL < - 20 ° C)	Pdh	4. 9	kW	Tj = - 15 ° C (if TOL < - 20 ° C)	COPd	2.00	-
Bivalent temperature	Tbiv	-16	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdes i gnh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than	active mo	de		Supplementary heater			
Off mode	P _{0FF}	0. 015	kW	Rated heat output (*)	Psup	2. 9	kW
Thermostat-off mode	P _{T0}	0. 015	kW				
Standby mode	P_{SB}	0. 015	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dBA				
Annual energy consumption	Q_{HE}	4284	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	η wh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MA				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No:	19 Yunusemre – M	lanisa, Turkey
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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	EHSD-MED
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	150	%
Declared capacity for heating for par-	t load at	indoor	•	Declared coefficient of performance or prim	nary energy	ratio for	
temperature 20 $^\circ$ C and outdoor temperature	ture T j			part load at indoor temperature 20 $^\circ$ C and	outdoor ter	mperature Tj	
Tj = - 7 ° C	Pdh	-	kW	Tj = - 7 ° C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 ° C	Pdh	6. 0	kW	Tj = + 2 ° C	COPd	1.95	-
Degradation co-efficient (**)	Cdh	1.00	-			,	
Tj = + 7 ° C	Pdh	4. 0	kW	Tj = + 7 ° C	COPd	3. 10	-
Degradation co-efficient (**)	Cdh	0. 99	-				
Tj = +12 ° C	Pdh	4. 0	kW	Tj = +12 ° C	COPd	5.80	-
Degradation co-efficient (**)	Cdh	0. 98	-				
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	1.95	-
Tj = operation limit temperature (***)	Pdh	6. 0	kW	Tj = operation limit temperature (***)	COPd	1.95	-
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdes i gnh	2	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than	active mo	de		Supplementary heater			
Off mode	P _{0FF}	0. 015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{T0}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dBA				
Annual energy consumption	Q_{HE}	2093	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	η wh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MA				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No:	19 Yunusemre – N	lanisa, Turkey
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The signature is signed in the average cli	mate / mediu	um-temperatu	re section.	Manager, Quality Assuarance Department			
				TURKEY			
· Details and precautions on installation, maintena	ance and ass	embly can be	found in the	installation and or operation manuals.			
· Details and precautions on recycling and/or dis	posal at end-	of-life can be	found in the	installation and or operation manuals.			

· Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	EHSD-MED
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	η s	208	%
Declared capacity for heating for part	: load at	indoor		Declared coefficient of performance or prim	ary energy	ratio for	
temperature 20 °C and outdoor temperat	ure Tj			part load at indoor temperature 20 $^\circ$ C and	outdoor tem	nperature Tj	
Tj = - 7 ° C	Pdh	-	kW	Tj = − 7 ° C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 ° C	Pdh	6.0	kW	Tj = + 2 ° C	COPd	3. 65	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 ° C	Pdh	4.4	kW	Tj = + 7 ° C	COPd	4. 80	-
Degradation co-efficient (**)	Cdh	0. 98	-				
Tj = +12 ° C	Pdh	4. 7	kW	Tj = +12 ° C	COPd	7.00	-
Degradation co-efficient (**)	Cdh	0. 98	-				
Tj = bivalent temperature	Pdh	6. 0	kW	Tj = bivalent temperature	COPd	3. 65	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	3. 65	-
			1				
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdes i gnh	2	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than	active mo	de	•	Supplementary heater			
Off mode	P _{0FF}	0. 015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{T0}	0. 015	kW			• • • •	
Standby mode	P _{SB}	0. 015	kW	Type of energy input		Electrical	
Crankcase heater mode	Рск	0.000	kW				
Other items				· · · ·			
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dBA				
Annual energy consumption	Q_{HE}	1519	k₩h				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	η wh	-	%
Daily electricity consumption	Qelec	-	k₩h				
Annual electricity consumption	AEC	-	k₩h				
Contact details				-			
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The aignoture is aigned in the success of	moto / modi:	m_tomporation	ro postion	Kenichi SAITO Manager, Quality Assuarance Department			
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Details and precautions on installation, maintena	nce and asso	embly can be	found in the				

· Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	ERSD-MED
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	η s	128	%
Declared capacity for heating for part	t load at	indoor	1	Declared coefficient of performance or prin	mary energy	ratio for	
temperature 20 °C and outdoor temperat	ture T j			part load at indoor temperature 20 °C and	outdoor te	mperature Tj	
Tj = - 7 ° C	Pdh	5.3	kW	Tj = - 7 ° C	COPd	2. 27	-
Degradation co-efficient (**)	Cdh	0. 99	-				
Tj = + 2 ° C	Pdh	4.4	kW	Tj = + 2 ° C	COPd	3. 19	-
Degradation co-efficient (**)	Cdh	0. 99	-				
Tj = + 7 ° C	Pdh	4. 1	kW	Tj = + 7 ° C	COPd	3.99	-
Degradation co-efficient (**)	Cdh	0. 99	-				
Tj = +12 ° C	Pdh	2. 7	kW	Tj = +12 ° C	COPd	5.58	-
Degradation co-efficient (**)	Cdh	0. 97	-				
Tj = bivalent temperature	Pdh	6. 0	kW	Tj = bivalent temperature	COPd	1.98	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	1.98	-
Bivalent temperature	Tbiv	-10	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdes i gnh	-10	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than	active mo	de		Supplementary heater			
Off mode	P_{OFF}	0. 015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{T0}	0. 015	kW				
Standby mode	P_{SB}	0. 015	kW	Type of energy input		Electrical	
Crankcase heater mode	Рск	0. 000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dBA				
Annual energy consumption	Q_{HE}	3779	k₩h				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	η wh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details							
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百藤建一				Manager, Quality Assuarance Department			
M MOLE DE -				TURKEY			
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· Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.

 \cdot Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	ERSD-MED
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	η s	184	%
Declared capacity for heating for part	t load at	indoor		Declared coefficient of performance or prim	nary energy	ratio for	
temperature 20 °C and outdoor temperat	ture T j			part load at indoor temperature 20 $^\circ$ C and	outdoor ten	nperature Tj	
Tj = - 7 ° C	Pdh	5.4	kW	Tj = - 7 ° C	COPd	3. 38	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 ° C	Pdh	4.8	kW	Tj = + 2 ° C	COPd	4. 75	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 ° C	Pdh	4.9	kW	Tj = + 7 ° C	COPd	5. 61	-
Degradation co-efficient (**)	Cdh	0. 98	-				
Tj = +12 ° C	Pdh	3.0	kW	Tj = +12 ° C	COPd	6. 19	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	6. 0	kW	Tj = bivalent temperature	COPd	2. 74	-
Tj = operation limit temperature (***)	Pdh	6. 0	kW	Tj = operation limit temperature (***)	COPd	2. 74	-
Bivalent temperature	Tbiv	-10	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdes i gnh	-10	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than	active mo	de		Supplementary heater			
Off mode	P _{0FF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{T0}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	Рск	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dBA				
Annual energy consumption	\mathbf{Q}_{HE}	2646	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	η wh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details							
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		comportatu		TURKEY			
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\cdot Details and precautions on recycling and/or dis	posal at end-	of-life can be	found in the	installation and or operation manuals.			

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	ERSD-MED
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	η s	112	%
Declared capacity for heating for part	load at	indoor		Declared coefficient of performance or prim	nary energy	ratio for	
temperature 20 °C and outdoor temperat	ure Tj			part load at indoor temperature 20 $^\circ$ C and	outdoor tem	nperature Tj	
Tj = - 7 ° C	Pdh	3.6	kW	Tj = - 7 ° C	COPd	2. 44	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 ° C	Pdh	3.6	kW	Tj = + 2 ° C	COPd	3. 35	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 ° C	Pdh	4.3	kW	Tj = + 7 ° C	COPd	4. 85	-
Degradation co-efficient (**)	Cdh	0. 98	-				
Tj = +12 ° C	Pdh	3. 1	kW	Tj = +12 ° C	COPd	6. 78	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	4. 9	kW	Tj = bivalent temperature	COPd	1. 70	-
Tj = operation limit temperature (***)	Pdh	3. 9	kW	Tj = operation limit temperature (***)	COPd	1.40	-
Tj = - 15 ° C (if TOL < - 20 ° C)	Pdh	4. 9	kW	Tj = - 15 ° C (if TOL < - 20 ° C)	COPd	1. 70	-
Bivalent temperature	Tbiv	-15	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdes i gnh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than	active mo	de		Supplementary heater			
Off mode	P _{0FF}	0.015	kW	Rated heat output (*)	Psup	2. 1	kW
Thermostat-off mode	P _{T0}	0.015	kW				
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dBA				
Annual energy consumption	\mathbf{Q}_{HE}	5147	k₩h				
For heat pump combination heater:				-			
Declared load profile		_		Water heating energy efficiency	η wh	-	%
Daily electricity consumption	Qelec	_	k₩h				
Annual electricity consumption	AEC	-	k₩h				
Contact details							
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 Details and precautions on installation, maintena Details and precautions on recycling and/or dis 							

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	ERSD-MED
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	136	%
Declared capacity for heating for par	t load at	indoor		Declared coefficient of performance or prin	nary energy	ratio for	
temperature 20 °C and outdoor tempera	ture T j			part load at indoor temperature 20 $^\circ$ C and	outdoor ten	nperature Tj	
Tj = - 7 ° C	Pdh	3.6	kW	Tj = - 7 ° C	COPd	3. 15	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 ° C	Pdh	3.8	kW	Tj = + 2 ° C	COPd	4. 05	-
Degradation co-efficient (**)	Cdh	0. 98	-				
Tj = + 7 ° C	Pdh	4. 5	kW	Tj = + 7 ° C	COPd	5. 40	-
Degradation co-efficient (**)	Cdh	0. 98	-				
Tj = +12 ° C	Pdh	3.1	kW	Tj = +12 ° C	COPd	7. 56	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	5. 1	kW	Tj = bivalent temperature	COPd	2. 00	-
Tj = operation limit temperature (***)	Pdh	3. 1	kW	Tj = operation limit temperature (***)	COPd	1.40	-
Tj = - 15 ° C (if TOL < - 20 ° C)	Pdh	4. 9	kW	Tj = - 15 ° C (if TOL < - 20 ° C)	COPd	2. 00	-
Bivalent temperature	Tbiv	-16	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdes i gnh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than	active mo	de		Supplementary heater			
Off mode	P _{0FF}	0.015	kW	Rated heat output (*)	Psup	2. 9	kW
Thermostat-off mode	P _{T0}	0.015	kW				
Standby mode	P_{SB}	0. 015	kW	Type of energy input		Electrical	
Crankcase heater mode	Рск	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dBA				
Annual energy consumption	Q_{HE}	4251	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	η wh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	_	kWh				
Contact details							
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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	ERSD-MED
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	η s	155	%
Declared capacity for heating for part	load at	indoor	•	Declared coefficient of performance or prim	nary energy	ratio for	
temperature 20 $^\circ$ C and outdoor temperat	ure Tj			part load at indoor temperature 20 $^\circ$ C and	outdoor ter	mperature Tj	
Tj = - 7 ° C	Pdh	-	kW	Tj = - 7 ° C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	_				
Tj = + 2 ° C	Pdh	6.0	kW	Tj = + 2 ° C	COPd	1.95	-
Degradation co-efficient (**)	Cdh	1.00	_				
Tj = + 7 ° C	Pdh	4.0	kW	Tj = + 7 ° C	COPd	3. 10	-
Degradation co-efficient (**)	Cdh	0.99	_				
Tj = +12 ° C	Pdh	4.0	kW	Tj = +12 ° C	COPd	5.80	-
Degradation co-efficient (**)	Cdh	0. 98	_			I	
Tj = bivalent temperature	Pdh	6. 0	kW	Tj = bivalent temperature	COPd	1.95	-
Tj = operation limit temperature (***)	Pdh	6. 0	kW	Tj = operation limit temperature (***)	COPd	1.95	-
			4				
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space	Tdes i gnh	2	°C	Heating water operating limit	WTOL	60	°C
heating Power consumption in modes other than	active mo	de	I	temperature Supplementary heater			
Off mode	P _{0FF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{T0}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{cK}	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dBA				
Annual energy consumption	Q _{HE}	2027	kWh				
For heat pump combination heater:			I				
Declared load profile		-		Water heating energy efficiency	η wh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	_	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MA	NUFACTURING T	URKEY JOINT S	TOCK COMPANY	Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	u Bulvari No:	19 Yunusemre - N	Manisa, Turkey
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				Kenichi SAITO			
The signature is signed in the average cli	mate / mediu	um-temperatu	ire section.	Manager, Quality Assuarance Department TURKEY			
· Details and precautions on installation, maintena	nce and acc	ambly can be	found in the				

 \cdot Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.

(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):	Outdoor unit:	PUZ-SWM60VAA
	Indoor unit:	ERSD-MED
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

ace heating <u>ciency</u> nt of performance or prin r temperature 20 °C and limit temperature (***) t temperature operating limit			%
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t temperature			-
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·	TOL	-25	
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oporating thirt	WTOL	60	°C
ter			
tput (*)	Psup	0.0	kW
y input		Electrical	
w rate, outdoors	-	2220	m³/h
energy efficiency	η wh	-	%
ilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No∷	19 Yunusemre – M	nisa, Turkey
	energy efficiency	energy efficiency ηwh silikoyosb Mah. Ahmet Nazif Zorlu Bulvari No:	

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