Model(s):		Outdoor unit	:	SUZ-SHWM60VAH(-SC)			
		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	ηѕ	128	%
Declared capacity for heating for part load a	t indoor	-1	<u> </u>	Declared coefficient of performance or primary e	energy ratio fo	or	
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	5.3	kW	Tj = - 7 °C	COPd	1.85	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 2 °C	Pdh	3.7	kW	Tj = + 2 °C	COPd	3.13	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.1	kW	Tj = + 7 °C	COPd	4.66	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.9	kW	Tj = +12 °C	COPd	6.53	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	1.85	-
Tj = operation limit temperature (***)	Pdh	5.8	kW	Tj = operation limit temperature (***)	COPd	1.64	-
Bivalent temperature	Tbiv	-7	°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 act	ive mode		<u> </u>	Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.2	kW
Thermostat-off mode	P_{TO}	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		<u>I</u>	l				
Capacity control		variable		Rated air flow rate, outdoors	-	2500	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 60	dBA				
Annual energy consumption	Q_HE	3794	kWh				
For heat pump combination heater:		•	•	• •			
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh	11		,	
Annual electricity consumption	AEC	-	kWh				
Contact details		•	-	•			
MITSUBISHI ELECTRIC CONSUMER PR	RODUCTS (T	HAILAND) CO	D., LTD.	700/406 moo 7, Tambon don hua roh, Amph	iur muang, ch	onburi 20000,	, Thailand

The identification and cignature of the person empowered to hind the cumplic

The identification and signature of the person empowered to bind the supplier:

Tadashi SAITO

Manager, Quality Assuarance Department

THAILAND

[·] 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

^(**) 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	:	SUZ-SHWM60VAH(-SC)			
		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	6.1	kW	Seasonal space heating energy efficiency	ηѕ	178	%
Declared capacity for heating for part load a	at indoor			Declared coefficient of performance or primary e	energy ratio fo	or	
temperature 20 °C and outdoor temperature	Тj		_	part load at indoor temperature 20 °C and outdo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	5.4	kW	Tj = - 7 °C	COPd	2.78	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	4.1	kW	Tj = + 2 °C	COPd	4.43	-
Degradation co-efficient (**)	Cdh	0.98	-				•
Tj = + 7 °C	Pdh	3.4	kW	Tj = + 7 °C	COPd	6.27	-
Degradation co-efficient (**)	Cdh	0.97	-				•
Tj = +12 °C	Pdh	3.7	kW	Tj = +12 °C	COPd	7.11	-
Degradation co-efficient (**)	Cdh	0.97	-				•
Tj = bivalent temperature	Pdh	6.1	kW	Tj = bivalent temperature	COPd	2.26	-
Tj = operation limit temperature (***)	Pdh	6.1	kW	Tj = operation limit temperature (***)	COPd	2.26	-
Bivalent temperature	Tbiv	-10	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space	Tdesignh	-10	°C	Heating water operating limit temperature	WTOL	60	°C
heating Power consumption in modes other than act	ive mode		<u> </u>	Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{TO}	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		1					
Capacity control		variable		Rated air flow rate, outdoors	-	2500	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41 / 60	dBA				
Annual energy consumption	Q_HE	2783	kWh				
For heat pump combination heater:		<u> </u>	<u> </u>				
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				I
Annual electricity consumption	AEC	-	kWh				
Contact details		1	ı	<u> </u>			
MITSUBISHI ELECTRIC CONSUMER PR	RODUCTS (T	HAILAND) CO	O., LTD.	700/406 moo 7, Tambon don hua roh, Amph	ıur muang, ch	nonburi 20000	, Thailand
The identification and signature of the perso	n empowere	d to bind the	e supplier;				
				Tadashi SAITO			

The signature is signed in the average climate / medium-temperature section.

Manager, Quality Assuarance Department THAILAND

· 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.

This information is based on EU regulation No 811/2013 and No 813/2013.

Model(s):		Outdoor unit	:	SUZ-SHWM60VAH(-SC)			
		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	5.5	kW	Seasonal space heating energy efficiency	ηs	101	%
Declared capacity for heating for part load a	at indoor			Declared coefficient of performance or primary e	energy ratio fo	or	
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdo	or temperatur	е Тј	_
Tj = - 7 °C	Pdh	3.4	kW	Tj = - 7 °C	COPd	2.17	-
Degradation co-efficient (**)	Cdh	0.99	-				_
Tj = + 2 °C	Pdh	3.4	kW	Tj = + 2 °C	COPd	3.31	-
Degradation co-efficient (**)	Cdh	0.99	-				_
Tj = + 7 °C	Pdh	3.3	kW	Tj = + 7 °C	COPd	5.15	-
Degradation co-efficient (**)	Cdh	0.98	-				_
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	6.27	-
Degradation co-efficient (**)	Cdh	0.97	-				_
Tj = bivalent temperature	Pdh	4.5	kW	Tj = bivalent temperature	COPd	1.15	-
Tj = operation limit temperature (***)	Pdh	4.0	kW	Tj = operation limit temperature (***)	COPd	1.08	-
Tj = -15 °C (if TOL < -20 °C)	Pdh	4.5	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	1.15	-
Bivalent temperature	Tbiv	-15	°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 act	tive mode			Supplementary heater			
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	5.5	kW
Thermostat-off mode	P_{TO}	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	-	2500	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 60	dBA				
Annual energy consumption	Q_{HE}	5231	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details MITSUBISHI ELECTRIC CONSUMER PR	RODUCTS (T	HAILAND) CO	 O., LTD.	700/406 moo 7, Tambon don hua roh, Amph	ur muang, ch	onburi 20000	, Thailand
The identification and signature of the person	n empowere	d to bind the	e supplier;	<u> </u>			
				Tadashi SAITO			

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Manager, Quality Assuarance Department THAILAND

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

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

[·] 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

^(***) 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		SUZ-SHWM60VAH(-SC)			
		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	5.5	kW	Seasonal space heating energy efficiency	ηѕ	148	%
Declared capacity for heating for part load	at indoor			Declared coefficient of performance or primary	energy ratio fo	or	
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	3.4	kW	Tj = - 7 °C	COPd	3.31	-
Degradation co-efficient (**)	Cdh	0.99	-				ı
Tj = + 2 °C	Pdh	3.6	kW	Tj = + 2 °C	COPd	4.56	-
Degradation co-efficient (**)	Cdh	0.98	-				ı
Tj = + 7 °C	Pdh	3.4	kW	Tj = + 7 °C	COPd	6.55	-
Degradation co-efficient (**)	Cdh	0.97	-				ı
Tj = +12 °C	Pdh	3.7	kW	Tj = +12 °C	COPd	7.33	-
Degradation co-efficient (**)	Cdh	0.97	-				I
Tj = bivalent temperature	Pdh	4.5	kW	Tj = bivalent temperature	COPd	1.92	-
Tj = operation limit temperature (***)	Pdh	5.5	kW	Tj = operation limit temperature (***)	COPd	1.71	-
Tj = -15 °C (if TOL < -20 °C)	Pdh	4.5	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	1.92	-
Bivalent temperature	Tbiv	-15	°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 ac	tive mode			Supplementary heater			
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P_{TO}	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	-	2500	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 60	dBA				'
Annual energy consumption	Q_{HE}	3583	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details MITSUBISHI ELECTRIC CONSUMER P	RODUCTS (T	HAII AND) C		700/406 moo 7, Tambon don hua roh, Amph	nur muana ch	nonhuri 20000	Thailand
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The identification and signature of the person	on Ginpoweie	G TO NITIO LITE	o suppliel,	Tadashi SAITO			

The signature is signed in the average climate / medium-temperature section.

Manager, Quality Assuarance Department THAILAND

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

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

[·] 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

^(***) 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	:	SUZ-SHWM60VAH(-SC)			
		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.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηѕ	173	%
Declared capacity for heating for part load a	at indoor	•	•	Declared coefficient of performance or primary	energy ratio fc	or .	
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdo	or temperatur	re 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	2.47	-
Degradation co-efficient (**)	Cdh	0.99] -				
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	3.95	-
Degradation co-efficient (**)	Cdh	0.99] -				
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	5.50	-
Degradation co-efficient (**)	Cdh	0.98	-				_
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	2.51	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	2.51	-
Bivalent temperature	Tbiv	2] °c	Operation limit temperature	TOL	-25	l °c
Reference design conditions for space heating	Tdesignh	2	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than act	tive mode	1	1	Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P_{TO}	0.015	kW			1 1	
Standby mode	P_SB	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P_{CK}	0.000	kW				
Other items		l					
Capacity control		variable		Rated air flow rate, outdoors	-	2500	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 60	dBA	1			
Annual energy consumption	Q_HE	1818	kWh				
For heat pump combination heater:		•	•	• •			
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details	20011072		0 170	700/400			T
MITSUBISHI ELECTRIC CONSUMER PE				700/406 moo 7, Tambon don hua roh, Amph	iur muang, ch	onburi 20000	, Thailand
The identification and signature of the person	n empowere	a to bind the	e supplier;	Tadashi SAITO			

The signature is signed in the average climate / medium-temperature section.

Manager, Quality Assuarance Department THAILAND

 $\cdot \ \, \text{Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.}$

[·] 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

^(**) 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	: 	SUZ-SHWM60VAH(-SC)			
		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	ηѕ	241	%
Declared capacity for heating for part load	at indoor	•	•	Declared coefficient of performance or primary	energy ratio fo	or	
temperature 20 °C and outdoor temperature	тј			part load at indoor temperature 20 °C and outdo	or temperatu	re 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	3.67	-
Degradation co-efficient (**)	Cdh	0.99] -				'
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	5.92	-
Degradation co-efficient (**)	Cdh	0.98] -				'
Tj = +12 °C	Pdh	3.7	kW	Tj = +12 °C	COPd	7.10	-
Degradation co-efficient (**)	Cdh	0.97] -				'
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	3.67	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	3.67	-
			1				1
Bivalent temperature Reference design conditions for space	Tbiv	2	°C	Operation limit temperature	TOL	-25	°C
heating	Tdesignh	2	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than a	ctive mode	1	T	Supplementary heater		T	T
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P_{TO}	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						1	Τ .
Capacity control		variable		Rated air flow rate, outdoors	-	2500	m ³ /h
Sound power level, indoors/outdoors	L_{WA}	41 / 60	dBA				
Annual energy consumption	Q_{HE}	1312	kWh				
For heat pump combination heater:				T T		1	T
Declared load profile		-	T	Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details MITSUBISHI ELECTRIC CONSUMER F	PRODUCTS (T	HAII AND) C	O LTD	700/406 moo 7, Tambon don hua roh, Amph	ur muano ch	onburi 20000	Thailand
The identification and signature of the pers	•	•	-	7 55, 105 mos 7, Tambon don nua fon, Ampi		.5115411 20000	
The signature is signed in the average cli	·			Tadashi SAITO Manager, Quality Assuarance Department			

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

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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

^(***) 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	:	SUZ-SHWM60VAH(-SC)			
		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	ηs	128	%
Declared capacity for heating for part load a	at indoor	1	•	Declared coefficient of performance or primary e	energy ratio fo	or	1
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	5.3	kW	Tj = - 7 °C	COPd	1.85	_
Degradation co-efficient (**)	Cdh	1.00	-				I
Tj = + 2 °C	Pdh	3.7	kW	Tj = + 2 °C	COPd	3.13	_
Degradation co-efficient (**)	Cdh	0.99	-				1
Tj = + 7 °C	Pdh	3.1	kW	Tj = + 7 °C	COPd	4.66	_
Degradation co-efficient (**)	Cdh	0.98	-				1
Tj = +12 °C	Pdh	3.9	kW	Tj = +12 °C	COPd	6.53	_
Degradation co-efficient (**)	Cdh	0.98	-				1
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	1.85	_
Tj = operation limit temperature (***)	Pdh	5.8	kW	Tj = operation limit temperature (***)	COPd	1.64	-
							1
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space	Tdesignh	-10	°C	Heating water operating limit temperature	WTOL	60	°C
heating Power consumption in modes other than ac				Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.2	kW
Thermostat-off mode	P _{TO}	0.015	kW	Nated Heat Output ()	Fsup	0.2	KVV
Standby mode		0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P_{SB} P_{CK}	0.000	kW	Type of energy input		Liectrical	
Other items	ı CK	0.000	I KVV		<u> </u>		
Capacity control	T	variable		Rated air flow rate, outdoors		2500	m ³ /h
Sound power level, indoors/outdoors	L	41 / 60	dBA	-		2300	''' /''
Annual energy consumption	L_WA Q_HE	3794	kWh				
For heat pump combination heater:	₩HE	0134	KVVII				
Declared load profile	T			Water heating energy efficiency	ηwh	_	%
Daily electricity consumption	Qelec	_	kWh	- Trater heating energy emolectey	1 4411		/
Annual electricity consumption	AEC		kWh				
Contact details	,]	<u> </u>			
MITSUBISHI ELECTRIC CONSUMER PR	RODUCTS (T	HAILAND) CO	O., LTD.	700/406 moo 7, Tambon don hua roh, Amph	ur muang, ch	onburi 20000	, Thailand

The identification and signature of the person empowered to hind the supplie

The identification and signature of the person empowered to bind the supplier:

Tadashi SAITO

Manager, Quality Assuarance Department

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[·] 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

^(**) 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	t:	SUZ-SHWM60VAH(-SC)			
		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	6.1	kW	Seasonal space heating energy efficiency	ηѕ	178	%
Declared capacity for heating for part load a	at indoor	•	•	Declared coefficient of performance or primary	energy ratio fc	or	
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdo	or temperatui	re Tj	
Tj = - 7 °C	Pdh	5.4	kW	Tj = - 7 °C	COPd	2.78	-
Degradation co-efficient (**)	Cdh	0.99] -				•
Tj = + 2 °C	Pdh	4.1	kW	Tj = + 2 °C	COPd	4.43	-
Degradation co-efficient (**)	Cdh	0.98] -				•
Tj = + 7 °C	Pdh	3.4	kW	Tj = + 7 °C	COPd	6.27	-
Degradation co-efficient (**)	Cdh	0.97] -				•
Tj = +12 °C	Pdh	3.7	kW	Tj = +12 °C	COPd	7.11	-
Degradation co-efficient (**)	Cdh	0.97	_				
Tj = bivalent temperature	Pdh	6.1	kW	Tj = bivalent temperature	COPd	2.26	-
Tj = operation limit temperature (***)	Pdh	6.1	kW	Tj = operation limit temperature (***)	COPd	2.26	-
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 act	tive mode	l		Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P_{TO}	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	-	2500	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 60	dBA				'
Annual energy consumption	Q_{HE}	2783	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details MITSUBISHI ELECTRIC CONSUMER PF	RODUCTS (T	HAII AND) C	0 1 TD	700/406 moo 7, Tambon don hua roh, Amph	iur muano, ch	onburi 20000	Thailand
The identification and signature of the person				7 007 700 11100 7, Talliboli doli lida foli, Allipi	—————		, ilialialiu
	Jiiipoweiei	Dilla till		Tadashi SAITO			

The signature is signed in the average climate / medium-temperature section.

Manager, Quality Assuarance Department THAILAND

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

[·] 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

^(***) 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	:	SUZ-SHWM60VAH(-SC)			
		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	5.5	kW	Seasonal space heating energy efficiency	ηs	101	%
Declared capacity for heating for part load a	t indoor			Declared coefficient of performance or primary e	energy ratio fo	or	
temperature 20 °C and outdoor temperature	Гј		_	part load at indoor temperature 20 °C and outdo	or temperatur	re Tj	
Tj = - 7 °C	Pdh	3.4	kW	Tj = - 7 °C	COPd	2.17	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.4	kW	Tj = + 2 °C	COPd	3.31	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.3	kW	Tj = + 7 °C	COPd	5.15	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	6.27	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	4.5	kW	Tj = bivalent temperature	COPd	1.15	-
Tj = operation limit temperature (***)	Pdh	4.0	kW	Tj = operation limit temperature (***)	COPd	1.08	-
Tj = -15 °C (if TOL < -20 °C)	Pdh	4.5	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	1.15	-
Bivalent temperature	Tbiv	-15	°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 act	ive mode			Supplementary heater			
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	5.5	kW
Thermostat-off mode	P_{TO}	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	-	2500	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 60	dBA				
Annual energy consumption	Q_{HE}	5231	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details MITSUBISHI ELECTRIC CONSUMER PR	ODUCTS (T	HAILAND) CO	 D., LTD.	700/406 moo 7, Tambon don hua roh, Amph	iur muang, ch	onburi 20000	, Thailand
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				Tadashi SAITO			

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^(**) 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	:	SUZ-SHWM60VAH(-SC)			
		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	5.5	kW	Seasonal space heating energy efficiency	ηs	148	%
Declared capacity for heating for part load a	at indoor			Declared coefficient of performance or primary of	energy ratio fo	or	
temperature 20 °C and outdoor temperature	Тj		,	part load at indoor temperature 20 °C and outdo	or temperatu	re Tj	1
Tj = - 7 °C	Pdh	3.4	kW	Tj = - 7 °C	COPd	3.31	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.6	kW	Tj = + 2 °C	COPd	4.56	-
Degradation co-efficient (**)	Cdh	0.98	-				-
Tj = + 7 °C	Pdh	3.4	kW	Tj = + 7 °C	COPd	6.55	-
Degradation co-efficient (**)	Cdh	0.97	-				_
Tj = +12 °C	Pdh	3.7	kW	Tj = +12 °C	COPd	7.33	-
Degradation co-efficient (**)	Cdh	0.97	-				_
Tj = bivalent temperature	Pdh	4.5	kW	Tj = bivalent temperature	COPd	1.92	-
Tj = operation limit temperature (***)	Pdh	5.5	kW	Tj = operation limit temperature (***)	COPd	1.71	-
Tj = -15 °C (if TOL < -20 °C)	Pdh	4.5	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	1.92	-
Bivalent temperature	Tbiv	-15	°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 act	tive mode			Supplementary heater			
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P_{TO}	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	-	2500	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 60	dBA				'
Annual energy consumption	Q_{HE}	3583	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				'
Annual electricity consumption	AEC	-	kWh				
Contact details MITSUBISHI ELECTRIC CONSUMER PF	RUDITE (T	ΗΔΙΙ ΔΝΙΏ) Ο	חדו ר	700/406 moo 7, Tambon don hua roh, Amph	nur muana ah	onhuri 20000	Thailand
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Manager, Quality Assuarance Department THAILAND

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

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^(***) 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		SUZ-SHWM60VAH(-SC)			
		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	ηѕ	173	%
Declared capacity for heating for part load	at indoor			Declared coefficient of performance or primary e	energy ratio fo	or	
temperature 20 °C and outdoor temperature	Тј			part load at indoor temperature 20 °C and outdo	or temperatu	re 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	2.47	-
Degradation co-efficient (**)	Cdh	0.99	-				!
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	3.95	-
Degradation co-efficient (**)	Cdh	0.99] -				1
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	5.50	_
Degradation co-efficient (**)	Cdh	0.98	-				1
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	2.51	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	2.51	-
Bivalent temperature	Tbiv	2] °c	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdesignh	2	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than a	ctive mode	I	l	Supplementary heater		1	
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P_{TO}	0.015	kW			1	
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P_CK	0.000	kW				
Other items		I	l				
Capacity control		variable		Rated air flow rate, outdoors	-	2500	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 60	dBA	1			i
Annual energy consumption	Q_{HE}	1818	kWh				
For heat pump combination heater:		·	l				
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh	1			1
Annual electricity consumption	AEC	-	kWh				
Contact details		ı	I.	1 1			
MITSUBISHI ELECTRIC CONSUMER F	PRODUCTS (T	HAILAND) CO	O., LTD.	700/406 moo 7, Tambon don hua roh, Amph	ıur muang, ch	onburi 20000	, Thailand
The identification and signature of the personal	on empowere	d to bind the	e supplier;	Tadashi SAITO			

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THAILAND

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

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Model(s):		Outdoor unit	:	SUZ-SHWM60VAH(-SC)			
		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.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	241	%
Declared capacity for heating for part load	at indoor			Declared coefficient of performance or primary of	energy ratio fo	or	
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdo	or temperatur	е Тј	,
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	6.0	kW	Tj = + 2 °C	COPd	3.67	-
Degradation co-efficient (**)	Cdh	0.99	-				_
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	5.92	-
Degradation co-efficient (**)	Cdh	0.98	-				_
Tj = +12 °C	Pdh	3.7	kW	Tj = +12 °C	COPd	7.10	-
Degradation co-efficient (**)	Cdh	0.97	-		·		
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	3.67	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	3.67	-
			1				•
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-25	°C
Reference design conditions for space heating	Tdesignh	2	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than a	ctive mode	T	Т	Supplementary heater		Г	_
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P_{TO}	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				T 1			
Capacity control		variable		Rated air flow rate, outdoors	-	2500	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 60	dBA				
Annual energy consumption	Q_{HE}	1312	kWh				
For heat pump combination heater:							-
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details			. . - -				
MITSUBISHI ELECTRIC CONSUMER P	•	,	•	700/406 moo 7, Tambon don hua roh, Amph	iur muang, ch	onburi 20000	, Thailand
The identification and signature of the pers	on empowere	a to bind the	e supplier;	Tadashi SAITO			
The signature is signed in the average sli	mata / madiu	m tomporati	ura agostian	Manager Quality Assuarance Department			

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Manager, Quality Assuarance Department THAILAND

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

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