Model(s):		Outdoor unit	:	SUZ-SWM40VA			
		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	4.6	kW	Seasonal space heating energy efficiency	ηs	129	%
Declared capacity for heating for part load	at indoor		!	Declared coefficient of performance or primary e	nergy ratio fo	or	
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	4.1	kW	Tj = - 7 °C	COPd	2.02	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 2 °C	COPd	3.20	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.6	kW	Tj = + 7 °C	COPd	4.64	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	2.3	kW	Tj = +12 °C	COPd	6.57	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	4.1	kW	Tj = bivalent temperature	COPd	2.02	-
Tj = operation limit temperature (***)	Pdh	4.1	kW	Tj = operation limit temperature (***)	COPd	1.91	-
			•				
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	-10	°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	0.6	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	-	2070	m³/h
Sound power level, indoors/outdoors	L_{WA}	41 / 58	dBA				
Annual energy consumption	Q_{HE}	2888	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 AIR CODITION	NING SYSTE	M FUROPE	LTD	Nettlehill Road, Houston Industrial Estate, Liv	vinaston. EH	54 5FQ Scot	and UK

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

Atsushi EDAYOSHI

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	:	SUZ-SWM40VA			
		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	5.1	kW	Seasonal space heating energy efficiency	ηѕ	180	%
Declared capacity for heating for part load a	t indoor			Declared coefficient of performance or primary e	nergy ratio fo	or	
temperature 20 °C and outdoor temperature	Гј			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	4.5	kW	Tj = - 7 °C	COPd	2.88	-
Degradation co-efficient (**)	Cdh	0.99	-				•
Tj = + 2 °C	Pdh	2.7	kW	Tj = + 2 °C	COPd	4.50	-
Degradation co-efficient (**)	Cdh	0.98	-				•
Tj = + 7 °C	Pdh	2.6	kW	Tj = + 7 °C	COPd	6.50	-
Degradation co-efficient (**)	Cdh	0.96	-				_
Tj = +12 °C	Pdh	2.6	kW	Tj = +12 °C	COPd	8.97	-
Degradation co-efficient (**)	Cdh	0.95	-				•
Tj = bivalent temperature	Pdh	4.5	kW	Tj = bivalent temperature	COPd	2.88	-
Tj = operation limit temperature (***)	Pdh	4.4	kW	Tj = operation limit temperature (***)	COPd	2.59	-
			•				•
Bivalent temperature	Tbiv	-7	ე აc	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	-10	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than acti	ve mode	•	•	Supplementary heater		•	
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.7	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	-	2070	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 58	dBA				
Annual energy consumption	Q_{HE}	2301	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 AIR CODITIO				Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	land, U.K.
The identification and signature of the person	n empowere	a to bind the	e supplier;				

Atsushi EDAYOSHI

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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).

^(**) 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-SWM40VA			
		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	3.5	kW	Seasonal space heating energy efficiency	ηs	105	%
Declared capacity for heating for part load a	t indoor			Declared coefficient of performance or primary e	nergy ratio fo	or or	
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdoo	or temperatui	re Tj	
Tj = - 7 °C	Pdh	2.3	kW	Tj = - 7 °C	COPd	2.20	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	1.9	kW	Tj = + 2 °C	COPd	3.28	-
Degradation co-efficient (**)	Cdh	0.97	-				•
Tj = + 7 °C	Pdh	2.0	kW	Tj = + 7 °C	COPd	5.13	-
Degradation co-efficient (**)	Cdh	0.96	-				•
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	6.55	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	3.3	kW	Tj = bivalent temperature	COPd	1.25	-
Tj = operation limit temperature (***)	Pdh	3.3	kW	Tj = operation limit temperature (***)	COPd	1.25	-
Tj = -15 °C (if TOL < -20 °C)	Pdh	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than acti	ive mode			Supplementary heater			
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	3.5	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	-	2070	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 58	dBA				
Annual energy consumption	Q_{HE}	3196	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 AIR CODITIO				Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	land, U.K.
THE IDENTIFICATION AND SIGNATURE OF THE DEPON	u empowere	u lo pina m	= SUDDILEL				

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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).

^(**) 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-SWM40VA			
		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	4.3	kW	Seasonal space heating energy efficiency	ηs	141	%
Declared capacity for heating for part load at	t indoor			Declared coefficient of performance or primary e	nergy ratio fo	or	
temperature 20 °C and outdoor temperature 1	Гј			part load at indoor temperature 20 °C and outdoo	or temperatur	re Tj	
Tj = - 7 °C	Pdh	2.6	kW	Tj = - 7 °C	COPd	3.00	_
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	2.0	kW	Tj = + 2 °C	COPd	4.08	_
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = + 7 °C	Pdh	2.0	kW	Tj = + 7 °C	COPd	6.06	-
Degradation co-efficient (**)	Cdh	0.96	-				l
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	7.60	-
Degradation co-efficient (**)	Cdh	0.94	-				
Tj = bivalent temperature	Pdh	4.1	kW	Tj = bivalent temperature	COPd	2.32	-
Tj = operation limit temperature (***)	Pdh	4.1	kW	Tj = operation limit temperature (***)	COPd	2.32	-
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than acti	ve mode			Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.3	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	-	2070	m³/h
Sound power level, indoors/outdoors	L_{WA}	41 / 58	dBA				•
Annual energy consumption	Q_{HE}	2953	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 AIR CODITION				Nettlehill Road, Houston Industrial Estate, Liv	/ingston, EH	54 5EQ, Scot	land, U.K.
The identification and signature of the person	n empowere	a to bind the	e supplier;				

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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).

^(**) 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-SWM40VA			
		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.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.6	kW	Seasonal space heating energy efficiency	ηѕ	155	%
Declared capacity for heating for part load a	t indoor			Declared coefficient of performance or primary e	nergy 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	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				_
Tj = + 2 °C	Pdh	4.6	kW	Tj = + 2 °C	COPd	1.85	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.0	kW	Tj = + 7 °C	COPd	3.51	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	5.59	-
Degradation co-efficient (**)	Cdh	0.96	-				_
Tj = bivalent temperature	Pdh	4.6	kW	Tj = bivalent temperature	COPd	1.85	-
Tj = operation limit temperature (***)	Pdh	4.6	kW	Tj = operation limit temperature (***)	COPd	1.85	-
			•				
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°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	ive 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	-	2070	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 58	dBA				
Annual energy consumption	Q_{HE}	1560	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 AIR CODITIO				Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	land, U.K.
The identification and signature of the person	n empowere	d to bind the	e supplier;	Atsushi EDAYOSHI			

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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).

^(**) 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-SWM40VA			
		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	ltem	Symbol	Value	Unit
Rated heat output (*)	Prated	5.1	kW	Seasonal space heating energy efficiency	ηѕ	216	%
Declared capacity for heating for part load a	t indoor			Declared coefficient of performance or primary e	nergy 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	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				·
Tj = + 2 °C	Pdh	5.1	kW	Tj = + 2 °C	COPd	3.25	-
Degradation co-efficient (**)	Cdh	0.99	-				,
Tj = + 7 °C	Pdh	3.3	kW	Tj = + 7 °C	COPd	5.28	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	7.04	-
Degradation co-efficient (**)	Cdh	0.94	-				
Tj = bivalent temperature	Pdh	5.1	kW	Tj = bivalent temperature	COPd	3.25	-
Tj = operation limit temperature (***)	Pdh	5.1	kW	Tj = operation limit temperature (***)	COPd	3.25	-
			1				1
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°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	ive 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	-	2070	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 58	dBA				
Annual energy consumption	Q_{HE}	1247	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 AIR CODITIO	NING SYSTE	EM EUROPE	LTD.	Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	land, U.K.
The identification and signature of the person	n empowere	d to bind the	e supplier;	Atsushi EDAYOSHI			

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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).

^(**) 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.

Mid-water heat pump:	Model(s):		Outdoor unit	:	SUZ-SWM40VA			
Mater to-water heat pump: no			Indoor unit:		EHSD-MED			
Enhance Purpose Purp	Air-to-water heat pump:				yes			
Equipmentation to best pump: no no	Water-to-water heat pump:				no			
Heat pump combination heater:	Brine-to-water heat pump:				no			
Parameters for medium-temperature application.	Low-temperature heat pump:				no			
Parameters for	Equipped with a supplementary heater:				no			
Parameters for	Heat pump combination heater:				no			
Rated heat output (*)	Parameters for				medium-temperature application.			
Rated heat output (*)	Parameters for				average climate conditions.			
National Part Coligon Printed 4.5 KW energy efficiency 18 12 %	Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
temperature 20 °C and outdoor temperature T T = -7 °C	Rated heat output (*)	Prated	4.6	kW		ηѕ	129	%
Tj = -7 °C	Declared capacity for heating for part load a	t indoor			Declared coefficient of performance or primary e	nergy ratio fo	or	
Degradation co-efficient (**)	temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Tj = - 7 °C	Pdh	4.1	kW	Tj = - 7 °C	COPd	2.02	-
Degradation co-efficient (**)	Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +7 °C	Tj = + 2 °C	Pdh	2.5	kW	Tj = + 2 °C	COPd	3.20	-
Degradation co-efficient (**)	Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Tj = + 7 °C	Pdh	2.6	kW	Tj = + 7 °C	COPd	4.64	-
Degradation co-efficient (**) Tj = bivalent temperature Pdh 4.1 kW Tj = bivalent temperature Tj = operation limit temperature (***) Pdh 4.1 kW Tj = operation limit temperature Tj = operation limit temperature (***) Bivalent temperature Tbiv T-7 °C Reference design conditions for space heating Power consumption in modes other than active mode Off mode Poper Themostat-off mode Por Double Standby mode Por Double Crankcase heater mode Chapacity control Sound power level, indoors/outdoors Annual energy consumption Power consumption Power level, indoors/outdoors Annual electricity consumption Qelec Delared load profile Daily electricity consumption AEC Delared load profile Daily electricity consumption AEC Delared load profile Daily electricity consumption AEC Delared load consumption AEC Delared load profile Daily electricity consumption AEC Delared load profile AEC Delared load profile Daily electricity consumption AEC Delared load profile AEC Delared	Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature Tj = operation limit temperature (***) Pdh 4.1 kW Tj = operation limit temperature (***) Bivalent temperature Tibiv 77 °C Reference design conditions for space heating Power consumption in modes other than active mode Off mode Porf 0.015 kW Thermostat-off mode Pro 0.015 kW Standby mode Crankcase heater mode Pro 0.000 kW Other items Capacity control Sound power level, indoors/outdoors Annual energy consumption Power in house described by the consumption of the pair	Tj = +12 °C	Pdh	2.3	kW	Tj = +12 °C	COPd	6.57	-
Tj = operation limit temperature (***) Bivalent temperature Tbiv Tj = operation limit temperature (***) COPd Tj = operation limit temperature (***) Declared load profile Daily electricity consumption Tj = operation limit temperature (***) COPd Tol Tol COPd Tol COPd Tol COPd Tol COPd Tol COPa Heating water operating limit temperature wtro WTOL 60 °C Supplementary heater Rated heat output (*) Psup O.6 kW Type of energy input Electrical Electrical Electrical Capacity control Sound power level, indoors/outdoors LwA Annual energy consumption Qhete Daily electricity consumption AEC KWh Annual electricity consumption AEC KWh Annual electricity consumption AEC KWh	Degradation co-efficient (**)	Cdh	0.96	-				
Bivalent temperature	Tj = bivalent temperature	Pdh	4.1	kW	Tj = bivalent temperature	COPd	2.02	-
Reference design conditions for space heating Power consumption in modes other than active mode Off mode Poff 0.015 kW Thermostat-off mode Psg 0.015 kW Standby mode Psg 0.015 kW Crankcase heater mode Pck 0.000 kW Theritans Capacity control variable Sound power level, indoors/outdoors Annual energy consumption Pote paily electricity consumption Qelec Cannual electricity consumption Qelec Cannual electricity consumption AEC Annual electricity consumption AEC KW Tdestign water operating limit temperature WTOL 60 °C Heating water operating limit temperature WTOL 60 °C Euphomog New Psg 0.015 kW Type of energy input Electrical Rated air flow rate, outdoors - 2070 m³/h Water heating energy efficiency nwh - % Water heating energy efficiency nwh - %	Tj = operation limit temperature (***)	Pdh	4.1	kW	Tj = operation limit temperature (***)	COPd	1.91	-
Reference design conditions for space heating Power consumption in modes other than active mode Off mode Poff 0.015 kW Thermostat-off mode Psg 0.015 kW Standby mode Psg 0.015 kW Crankcase heater mode Pck 0.000 kW Theritans Capacity control variable Sound power level, indoors/outdoors Annual energy consumption Pote paily electricity consumption Qelec Cannual electricity consumption Qelec Cannual electricity consumption AEC Annual electricity consumption AEC KW Tdestign water operating limit temperature WTOL 60 °C Heating water operating limit temperature WTOL 60 °C Euphomog New Psg 0.015 kW Type of energy input Electrical Rated air flow rate, outdoors - 2070 m³/h Water heating energy efficiency nwh - % Water heating energy efficiency nwh - %								
Heating water operating limit temperature WTOL 60 C	Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°C
Off mode Poff 0.015 kW Rated heat output (*) Psup 0.6 kW Thermostat-off mode Pro 0.015 kW Type of energy input Electrical Crankcase heater mode Pck 0.000 kW Type of energy input Electrical Other items Capacity control variable Sound power level, indoors/outdoors Lwa 41/58 dBA Annual energy consumption QHE 2888 kWh For heat pump combination heater: Declared load profile - Water heating energy efficiency nwh - % Daily electricity consumption AEC - kWh Annual electricity consumption AEC - kWh	-	Tdesignh	-10	°C	Heating water operating limit temperature	WTOL	60	°C
Thermostat-off mode	Power consumption in modes other than act	ive mode	•		Supplementary heater			
Standby mode Crankcase heater mode P _{CK} 0.000 kW Other items Capacity control Sound power level, indoors/outdoors Annual energy consumption Celared load profile Daily electricity consumption P _{SB} 0.015 kW Type of energy input Electrical Electrical	Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.6	kW
Crankcase heater mode	Thermostat-off mode	P_{TO}	0.015	kW				
Capacity control variable Rated air flow rate, outdoors - 2070 m³/h Sound power level, indoors/outdoors	Standby mode	P_SB	0.015	kW	Type of energy input		Electrical	
Capacity control Sound power level, indoors/outdoors Annual energy consumption Declared load profile Daily electricity consumption AEC - 2070 m³/h Rated air flow rate, outdoors - 2070 m³/h Rated air flow rate, outdoors - 2070 m³/h Water heating energy efficiency Nature heating energy efficiency Nat	Crankcase heater mode	P _{CK}	0.000	kW				
Sound power level, indoors/outdoors Annual energy consumption Declared load profile Daily electricity consumption Qelec Annual electricity consumption AEC - kWh Annual electricity consumption AEC - kWh Annual electricity consumption AEC - kWh - Water heating energy efficiency National dealer Water heating energy efficiency National dealer Nati	Other items		-					
Annual energy consumption Q _{HE} 2888 kWh For heat pump combination heater: Declared load profile Water heating energy efficiency nwh % Daily electricity consumption Qelec kWh Annual electricity consumption AEC kWh	Capacity control		variable		Rated air flow rate, outdoors	-	2070	m³/h
For heat pump combination heater: Declared load profile Daily electricity consumption Annual electricity consumption AEC Water heating energy efficiency NWh Water heating energy efficiency NWh AWH Water heating energy efficiency NWh ANNUAL ELECTRIC STATES AND ANNUAL ELECTRIC STA	Sound power level, indoors/outdoors	L _{WA}	41 / 58	dBA				
Declared load profile - Water heating energy efficiency nwh - % Daily electricity consumption AEC - kWh Annual electricity consumption AEC - kWh	Annual energy consumption	Q_{HE}	2888	kWh				
Daily electricity consumption Qelec - kWh Annual electricity consumption AEC - kWh	For heat pump combination heater:							
Annual electricity consumption AEC - kWh	Declared load profile		-		Water heating energy efficiency	 ηwh	-	%
	Daily electricity consumption	Qelec	-	kWh				
Contact details	Annual electricity consumption	AEC	-	kWh				
MITSUBISHI ELECTRIC AIR CODITIONING SYSTEM EUROPE LTD. Nettlehill Road, Houston Industrial Estate, Livingston, EH54 5EQ, Scotland, U.K.		NING SYSTE	EM ELIDADE	LTD	Nottlohill Bood, Houston Industrial Catata Lin	vingeton FII	54 5EO 2554	and IIV

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

A Edgard.

Atsushi EDAYOSHI

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	:	SUZ-SWM40VA			
		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	5.1	kW	Seasonal space heating energy efficiency	ηs	180	%
Declared capacity for heating for part load a	t indoor		!	Declared coefficient of performance or primary e	nergy ratio fo	or	
temperature 20 °C and outdoor temperature	Тј			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	4.5	kW	Tj = - 7 °C	COPd	2.88	_
Degradation co-efficient (**)	Cdh	0.99	-				I
Tj = + 2 °C	Pdh	2.7	kW	Tj = + 2 °C	COPd	4.50	_
Degradation co-efficient (**)	Cdh	0.98	-				l
Tj = + 7 °C	Pdh	2.6	kW	Tj = + 7 °C	COPd	6.50	_
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = +12 °C	Pdh	2.6	kW	Tj = +12 °C	COPd	8.97	_
Degradation co-efficient (**)	Cdh	0.95	-				I
Tj = bivalent temperature	Pdh	4.5	kW	Tj = bivalent temperature	COPd	2.88	_
Tj = operation limit temperature (***)	Pdh	4.4	kW	Tj = operation limit temperature (***)	COPd	2.59	-
			1				1
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°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			Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.7	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	-	2070	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 58	dBA				
Annual energy consumption	Q_{HE}	2301	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 AIR CODITIO				Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	land, U.K.
The identification and signature of the person	n empowere	a to bind the	e supplier;				

Atsushi EDAYOSHI

The signature is signed in the average climate / medium-temperature section. Manager, Quality Assuarance Department

UNITED KINGDOM

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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).

^(**) 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-SWM40VA			
		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	3.5	kW	Seasonal space heating energy efficiency	ηѕ	105	%
Declared capacity for heating for part load a	t indoor			Declared coefficient of performance or primary e	nergy ratio fo	or	
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	2.3	kW	Tj = - 7 °C	COPd	2.20	-
Degradation co-efficient (**)	Cdh	0.99	-				•
Tj = + 2 °C	Pdh	1.9	kW	Tj = + 2 °C	COPd	3.28	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = + 7 °C	Pdh	2.0	kW	Tj = + 7 °C	COPd	5.13	-
Degradation co-efficient (**)	Cdh	0.96	-				•
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	6.55	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	3.3	kW	Tj = bivalent temperature	COPd	1.25	-
Tj = operation limit temperature (***)	Pdh	3.3	kW	Tj = operation limit temperature (***)	COPd	1.25	-
Tj = -15 °C (if TOL < -20 °C)	Pdh	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than acti	ive mode			Supplementary heater		•	
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	3.5	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	-	2070	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 58	dBA				
Annual energy consumption	Q_{HE}	3196	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 AIR CODITIO				Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	land, U.K.
The identification and signature of the person	n empowere	u to bind the	e supplier;				

Atsushi EDAYOSHI

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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).

^(**) 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-SWM40VA			
		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	4.3	kW	Seasonal space heating energy efficiency	ηѕ	141	%
Declared capacity for heating for part load a	at indoor	•		Declared coefficient of performance or primary e	nergy ratio fo	or	
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	2.6	kW	Tj = - 7 °C	COPd	3.00	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	2.0	kW	Tj = + 2 °C	COPd	4.08	-
Degradation co-efficient (**)	Cdh	0.97	-				ı
Tj = + 7 °C	Pdh	2.0	kW	Tj = + 7 °C	COPd	6.06	-
Degradation co-efficient (**)	Cdh	0.96	-				ı
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	7.60	_
Degradation co-efficient (**)	Cdh	0.94	-				ı
Tj = bivalent temperature	Pdh	4.1	kW	Tj = bivalent temperature	COPd	2.32	_
Tj = operation limit temperature (***)	Pdh	4.1	kW	Tj = operation limit temperature (***)	COPd	2.32	-
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°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	4.3	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	-	2070	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 58	dBA				
Annual energy consumption	Q_{HE}	2953	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		1					
MITSUBISHI ELECTRIC AIR CODITIO	NING SYSTE	EM EUROPE	LTD.	Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	land, U.K.
The identification and signature of the perso	n empowere	d to bind the	e supplier;				

Atsushi EDAYOSHI

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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).

^(**) 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-SWM40VA			
		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	4.6	kW	Seasonal space heating energy efficiency	ηѕ	155	%
Declared capacity for heating for part load a	t indoor			Declared coefficient of performance or primary e	nergy 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	4.6	kW	Tj = + 2 °C	COPd	1.85	-
Degradation co-efficient (**)	Cdh	0.99	-				_
Tj = + 7 °C	Pdh	3.0	kW	Tj = + 7 °C	COPd	3.51	-
Degradation co-efficient (**)	Cdh	0.98	-				_
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	5.59	-
Degradation co-efficient (**)	Cdh	0.96	-				_
Tj = bivalent temperature	Pdh	4.6	kW	Tj = bivalent temperature	COPd	1.85	-
Tj = operation limit temperature (***)	Pdh	4.6	kW	Tj = operation limit temperature (***)	COPd	1.85	-
							_
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°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	ive 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	-	2070	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 58	dBA				
Annual energy consumption	Q_{HE}	1560	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 AIR CODITIO				Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	land, U.K.
The identification and signature of the person	empowere	u to bind the	supplier;	Atsushi EDAYOSHI			

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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).

^(**) 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	i:	SUZ-SWM40VA			
		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	5.1	kW	Seasonal space heating energy efficiency	ηs	216	%
Declared capacity for heating for part load a	at indoor			Declared coefficient of performance or primary e	nergy 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	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-] -				1
Tj = + 2 °C	Pdh	5.1	kW	Tj = + 2 °C	COPd	3.25	-
Degradation co-efficient (**)	Cdh	0.99	-				•
Tj = + 7 °C	Pdh	3.3	kW	Tj = + 7 °C	COPd	5.28	-
Degradation co-efficient (**)	Cdh	0.98	-				•
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	7.04	-
Degradation co-efficient (**)	Cdh	0.94	-				•
Tj = bivalent temperature	Pdh	5.1	kW	Tj = bivalent temperature	COPd	3.25	-
Tj = operation limit temperature (***)	Pdh	5.1	kW	Tj = operation limit temperature (***)	COPd	3.25	-
			_				_
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	2	°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	-	2070	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 58	dBA				
Annual energy consumption	Q_{HE}	1247	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	NUNC 0: :==		LTD	N		54 5 5 0 5	
MITSUBISHI ELECTRIC AIR CODITIO				Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	land, U.K.
The identification and signature of the person	л еттроwеге	ט נט טוווט נחפ	e supplier;	Atsushi EDAYOSHI			
The signature is signed in the everyone clin	/			Manager Quality Assuarance Department			

The signature is signed in the average climate / medium-temperature section. Manager, Quality Assuarance Department

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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).

^(**) 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-SWM40VA			
		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	4.6	kW	Seasonal space heating energy efficiency	ηs	132	%
Declared capacity for heating for part load	at indoor		!	Declared coefficient of performance or primary e	nergy ratio fo	or	
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	4.1	kW	Tj = - 7 °C	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.99	-				1
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 2 °C	COPd	3.25	-
Degradation co-efficient (**)	Cdh	0.98	-				1
Tj = + 7 °C	Pdh	2.6	kW	Tj = + 7 °C	COPd	4.64	-
Degradation co-efficient (**)	Cdh	0.97	-				ı
Tj = +12 °C	Pdh	2.3	kW	Tj = +12 °C	COPd	6.57	-
Degradation co-efficient (**)	Cdh	0.96	-				1
Tj = bivalent temperature	Pdh	4.1	kW	Tj = bivalent temperature	COPd	2.04	-
Tj = operation limit temperature (***)	Pdh	4.1	kW	Tj = operation limit temperature (***)	COPd	1.91	-
			•				!
Bivalent temperature	Tbiv	-7	°c	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	-10	°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	0.6	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	-	2070	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 58	dBA				
Annual energy consumption	Q_{HE}	2806	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 AIR CODITION	NING SYSTE	M FUROPE	LTD	Nettlehill Road, Houston Industrial Estate, Liv	vinaston FH	54 5FQ Scot	land U.K

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

Atsushi EDAYOSHI 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	:	SUZ-SWM40VA			
		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	5.1	kW	Seasonal space heating energy efficiency	ηs	187	%
Declared capacity for heating for part load a	t indoor			Declared coefficient of performance or primary e	nergy ratio fo	or	
temperature 20 °C and outdoor temperature	Гј			part load at indoor temperature 20 °C and outdoor	or temperatur	re Tj	
Tj = - 7 °C	Pdh	4.5	kW	Tj = - 7 °C	COPd	2.92	-
Degradation co-efficient (**)	Cdh	0.99	1 -				•
Tj = + 2 °C	Pdh	2.7	kW	Tj = + 2 °C	COPd	4.58	-
Degradation co-efficient (**)	Cdh	0.98	1 -				•
Tj = + 7 °C	Pdh	2.6	kW	Tj = + 7 °C	COPd	6.50	-
Degradation co-efficient (**)	Cdh	0.96	-				_
Tj = +12 °C	Pdh	2.6	kW	Tj = +12 °C	COPd	8.97	-
Degradation co-efficient (**)	Cdh	0.95	1 -				•
Tj = bivalent temperature	Pdh	4.5	kW	Tj = bivalent temperature	COPd	2.92	-
Tj = operation limit temperature (***)	Pdh	4.4	kW	Tj = operation limit temperature (***)	COPd	2.59	-
			•				_
Bivalent temperature	Tbiv	-7] ℃	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	-10	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than acti	ve mode	•	•	Supplementary heater		•	
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.7	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	-	2070	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 58	dBA				
Annual energy consumption	Q_{HE}	2220	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 AIR CODITION				Nettlehill Road, Houston Industrial Estate, Liv	vingston, EH	54 5EQ, Scot	land, U.K.
The identification and signature of the persor	n empowere	a to bind the	e supplier;				

Atsushi EDAYOSHI

The signature is signed in the average climate / medium-temperature section. Manager, Quality Assuarance Department

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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).

^(**) 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-SWM40VA			
		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	3.5	kW	Seasonal space heating energy efficiency	ηs	108	%
Declared capacity for heating for part load a	t indoor		•	Declared coefficient of performance or primary e	nergy ratio fo	or	
temperature 20 °C and outdoor temperature	Гј			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	2.3	kW	Tj = - 7 °C	COPd	2.30	-
Degradation co-efficient (**)	Cdh	0.99	-				1
Tj = + 2 °C	Pdh	1.9	kW	Tj = + 2 °C	COPd	3.28	-
Degradation co-efficient (**)	Cdh	0.97	-				1
Tj = + 7 °C	Pdh	2.0	kW	Tj = + 7 °C	COPd	5.13	-
Degradation co-efficient (**)	Cdh	0.96	-				1
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	6.55] -
Degradation co-efficient (**)	Cdh	0.95	-				1
Tj = bivalent temperature	Pdh	3.3	kW	Tj = bivalent temperature	COPd	1.25	_
Tj = operation limit temperature (***)	Pdh	3.3	kW	Tj = operation limit temperature (***)	COPd	1.25	-
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than acti	ive mode		•	Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	3.5	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	-	2070	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 58	dBA				1
Annual energy consumption	Q_{HE}	3108	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 AIR CODITIO	NING SYSTE	EM EUROPE	LTD.	Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	land, U.K.
The identification and signature of the person	n empowere	d to bind the	e sunnlier:				

Atsushi EDAYOSHI

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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).

^(**) 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-SWM40VA			
		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	4.3	kW	Seasonal space heating energy efficiency	ηs	145	%
Declared capacity for heating for part load a	t indoor	'		Declared coefficient of performance or primary e	nergy ratio fo	or	
temperature 20 °C and outdoor temperature 7	Гј			part load at indoor temperature 20 °C and outdoo	or temperatur	e Tj	
Tj = - 7 °C	Pdh	2.6	kW	Tj = - 7 °C	COPd	3.03	-
Degradation co-efficient (**)	Cdh	0.98	-				l
Tj = + 2 °C	Pdh	2.0	kW	Tj = + 2 °C	COPd	4.26	_
Degradation co-efficient (**)	Cdh	0.97	-				l
Tj = + 7 °C	Pdh	2.0	kW	Tj = + 7 °C	COPd	6.06	-
Degradation co-efficient (**)	Cdh	0.96	-				l
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	7.60	-
Degradation co-efficient (**)	Cdh	0.94	-				l
Tj = bivalent temperature	Pdh	4.1	kW	Tj = bivalent temperature	COPd	2.32	-
Tj = operation limit temperature (***)	Pdh	4.1	kW	Tj = operation limit temperature (***)	COPd	2.32	-
Tj = -15 °C (if TOL < -20 °C)	Pdh	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than acti	ve mode	•		Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.3	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	-	2070	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 58	dBA				
Annual energy consumption	Q_{HE}	2858	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 AIR CODITION				Nettlehill Road, Houston Industrial Estate, Liv	vingston, EH	54 5EQ, Scotl	land, U.K.
The identification and signature of the person	n empowere	a to bind the	e supplier;				

Atsushi EDAYOSHI

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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).

^(**) 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-SWM40VA			
		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	ltem	Symbol	Value	Unit
Rated heat output (*)	Prated	4.6	kW	Seasonal space heating energy efficiency	ηѕ	160	%
Declared capacity for heating for part load a	t indoor			Declared coefficient of performance or primary e	nergy 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	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	4.6	kW	Tj = + 2 °C	COPd	1.85	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.0	kW	Tj = + 7 °C	COPd	3.45	-
Degradation co-efficient (**)	Cdh	0.98	-				•
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	5.59	-
Degradation co-efficient (**)	Cdh	0.96	-				•
Tj = bivalent temperature	Pdh	4.6	kW	Tj = bivalent temperature	COPd	1.85	-
Tj = operation limit temperature (***)	Pdh	4.6	kW	Tj = operation limit temperature (***)	COPd	1.85	-
Bivalent temperature	Tbiv	2] °c	Operation limit temperature	TOL	-20	°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	ive 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	-	2070	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 58	dBA	1			I
Annual energy consumption	Q_{HE}	1506	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh	1			ı
Annual electricity consumption	AEC	-	kWh				
Contact details			1	 			
MITSUBISHI ELECTRIC AIR CODITIO	NING SYSTE	EM EUROPE	LTD.	Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	land, U.K.
The identification and signature of the perso	n empowere	d to bind the	e supplier;	Atsushi EDAYOSHI			

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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).

^(**) 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-SWM40VA			
		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	ltem	Symbol	Value	Unit
Rated heat output (*)	Prated	5.1	kW	Seasonal space heating energy efficiency	ηѕ	225	%
Declared capacity for heating for part load a	t indoor			Declared coefficient of performance or primary e	nergy ratio fo	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	5.1	kW	Tj = + 2 °C	COPd	3.13	-
Degradation co-efficient (**)	Cdh	0.99	-				,
Tj = + 7 °C	Pdh	3.3	kW	Tj = + 7 °C	COPd	5.18	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	7.04	-
Degradation co-efficient (**)	Cdh	0.94	-				
Tj = bivalent temperature	Pdh	5.1	kW	Tj = bivalent temperature	COPd	3.13	-
Tj = operation limit temperature (***)	Pdh	5.1	kW	Tj = operation limit temperature (***)	COPd	3.13	-
Bivalent temperature	Tbiv	2] °c	Operation limit temperature	TOL	-20	°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	ive 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	-	2070	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 58	dBA				I
Annual energy consumption	Q_{HE}	1195	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh	1			I
Annual electricity consumption	AEC	-	kWh				
Contact details			1	 			
MITSUBISHI ELECTRIC AIR CODITIO	NING SYSTE	EM EUROPE	LTD.	Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	land, U.K.
The identification and signature of the perso	n empowere	d to bind the	e supplier;	Atsushi EDAYOSHI			

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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).

^(**) 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.

Mid-found in purpor Parameter Parame	Model(s):		Outdoor unit	:	SUZ-SWM40VA			
Mate-to-water heat pump: no no			Indoor unit:		ERSD-MED			
Enhance-to-watter heast pump:	Air-to-water heat pump:				yes			
Convergentation heat pump: no no	Water-to-water heat pump:				no			
Heat pump combination heater no no no no no no no n	Brine-to-water heat pump:				no			
Parameters for	Low-temperature heat pump:				no			
Parameters for medium-temperature application. average climate conditions.	Equipped with a supplementary heater:				no			
Parameters for Symbol Value Unit Item Symbol Item Symbol Item Symbol Item Item Symbol Item	Heat pump combination heater:				no			
Rated heat output (*)	Parameters for				medium-temperature application.			
Rated heat output (*)	Parameters for				average climate conditions.			
National Part Prince Pri	Item	Symbol	Value	Unit	ltem	Symbol	Value	Unit
temperature 20 °C and outdoor temperature T j T j = -7 °C Pah 4.1 kW Degradation co-efficient (**) Cdh 0.99 - T j = +2 °C Pah 2.5 kW Degradation co-efficient (**) Cdh 0.98 - T j = +7 °C COPd 3.25 - Degradation co-efficient (**) Cdh 0.98 - T j = +7 °C COPd 3.25 - Degradation co-efficient (**) Cdh 0.98 - T j = +1 °C COPd 4.64 - Degradation co-efficient (**) Cdh 0.97 - T j = +12 °C COPd 4.64 - Degradation co-efficient (**) Cdh 0.98 - T j = +12 °C COPd 4.64 - Degradation co-efficient (**) Cdh 0.98 - T j = bivalent temperature Phd 4.1 kW T j = bivalent temperature COPd 6.57 - Degradation imit temperature (***) Phd 4.1 kW T j = operation limit temperature COPd 1.91 - Bivalent temperature (***) Phd 4.1 kW T j = operation limit temperature T COPd 1.91 - Bivalent temperature T T Div 7 °C Reference design conditions for space T designh -10 °C Reference design conditions for space T designh -10 °C Power consumption in modes other than active mode Off mode Porr O.015 kW Standby mode Po Por O.015 kW Standby mode Por O.015 kW Standby mode Por O.0015 kW Crankcase heater mode Por O.0015 kW Standby	Rated heat output (*)	Prated	4.6	kW		ηѕ	132	%
Ti = -7 °C	Declared capacity for heating for part load a	t indoor			Declared coefficient of performance or primary e	nergy ratio fo	or	
Degradation co-efficient (**)	temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdoor	or temperatu	re Tj	
Tj = + 2 °C	Tj = - 7 °C	Pdh	4.1	kW	Tj = - 7 °C	COPd	2.04	-
Degradation co-efficient (**)	Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Tj = + 2 °C	Pdh	2.5	kW	Tj = + 2 °C	COPd	3.25	-
Degradation co-efficient (**) Tj = +12 °C Pdh 2.3 kW Degradation co-efficient (**) Cdh 0.96 Tj = bivalent temperature Pdh 4.1 kW Tj = operation limit temperature Tj = operation limit temperature (***) Bivalent temperature Tbiv 7 °C Reference design conditions for space heating Form of mode Porr Themostat-off mode Prop Standby mode Crankcase heater mode Prop Crankcase heater mode Cher items Capacity control Sound power level, indoors/outdoors Annual energy consumption Por least pump combination heater: Declared load profile Daily electricity consumption AEC Annual electricity consumption AEC Annual electricity consumption AEC Add 0.97 Tj = +12 °C COPd Tj = bivalent temperature Tj = poeration limit temperature ToL COPd 1.91 Tj = hivalent temperature ToL CoPd 2.04 - Tj = bivalent temperature ToL CoPd 6.57 - Tg = bivalent temperature ToL CoPd 6.57 - Tg = bivalent temperature ToL CoPd 6.57 - Tj = bivalent temperature ToL CoPd 6.57 - Tj = bivalent temperature ToL CoPd 6.57 - Tj = bivalent temperature ToL CoPd 6.57 - ToL CoPd 6.57 Tj = bivalent temperature ToL CoPd 6.50 ToL Fall Sign 6.50	Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Tj = + 7 °C	Pdh	2.6	kW	Tj = + 7 °C	COPd	4.64	-
Degradation co-efficient (**) Tj = bivalent temperature Pdh 4.1 kW Tj = operation limit temperature (***) Pdh 4.1 kW Tj = operation limit temperature (***) Bivalent temperature Tbiv 7 °C Reference design conditions for space heating Off mode Power consumption in modes other than active mode Off mode Themostal-off mode Standby mode Crankcase heater mode Pok Crankcase heater mode Capacity control Sound power level, indoors/outdoors Annual energy consumption Quez Delaced load profile Daily electricity consumption Qelec Delaced load profile Daily electricity consumption AEC Tj = bivalent temperature Tj = operation limit temperature ToL COPd 1.91 Tj = operation limit temperature ToL COPd 1.91 To COPd 1.91 Tj = operation limit temperature ToL COPd 1.91 To	Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature Tj = operation limit temperature (***) Pdh 4.1 kW Tj = operation limit temperature (***) Bivalent temperature Tbiv -7 °C Reference design conditions for space heating Power consumption in modes other than active mode Off mode Thermostat-off mode Poff Standby mode Crankcase heater mode Poff Scapacity control Sound power level, indoors/outdoors Annual energy consumption Declared load profile Daily electricity consumption AEC -7 °C Operation limit temperature ToL -20 °C Heating water operating limit temperature WTOL 60 °C Supplementary heater Rated heat output (*) Psup 0.6 kW Type of energy input Electrical Rated air flow rate, outdoors - 2070 m³/h Water heating energy efficiency Nwh - % Contact details	Tj = +12 °C	Pdh	2.3	kW	Tj = +12 °C	COPd	6.57	-
Tj = operation limit temperature (***) Bivalent temperature Tbiv -7 °C Reference design conditions for space heating Power consumption in modes other than active mode Off mode Themostat-off mode Standby mode Crankcase heater mode Capacity control Sound power level, indoors/outdoors Annual energy consumption Qelec Declared load profile Daily electricity consumption AEC Tbiv -7 °C Operation limit temperature (***) To COPd 1.91 - COPd 1.91 - COPd 1.91 - COPd 1.91 - To COPd 1.91 - COPd 1.91 - To Lo CoPd 1.91 - To	Degradation co-efficient (**)	Cdh	0.96	-				
Bivalent temperature Reference design conditions for space heating Power consumption in modes other than active mode Off mode Themostat-off mode Total Power Crankcase heater mode Crankcase heater mode Capacity control Sound power level, indoors/outdoors Annual energy consumption Declared load profile Daily electricity consumption Toiv 70 Power Consumption in modes other than active mode Supplementary heater Rated heat output (*) Psup 0.6 kW Type of energy input Electrical Rated air flow rate, outdoors - 2070 m³/h Water heating energy efficiency NWh - % Water heating energy efficiency NWh - % Contact details	Tj = bivalent temperature	Pdh	4.1	kW	Tj = bivalent temperature	COPd	2.04	-
Reference design conditions for space heating Power consumption in modes other than active mode Off mode Thermostat-off mode Standby mode Crankcase heater mode Capacity control Sound power level, indoors/outdoors Annual energy consumption Declared load profile Daily electricity consumption AEC Contact details Tdesignh -10 C Heating water operating limit temperature WTOL 60 C Supplementary heater Rated heat output (*) Psup 0.6 kW Type of energy input Electrical Rated air flow rate, outdoors - 2070 m³/h Water heating energy efficiency nwh - % Water heating energy efficiency NTOL 60 C C C C C C C C C C C C C C C C C C	Tj = operation limit temperature (***)	Pdh	4.1	kW	Tj = operation limit temperature (***)	COPd	1.91	-
Reference design conditions for space heating Power consumption in modes other than active mode Off mode Thermostat-off mode Standby mode Crankcase heater mode Capacity control Sound power level, indoors/outdoors Annual energy consumption Declared load profile Daily electricity consumption AEC Contact details Tdesignh -10 C Heating water operating limit temperature WTOL 60 C Supplementary heater Rated heat output (*) Psup 0.6 kW Type of energy input Electrical Rated air flow rate, outdoors - 2070 m³/h Water heating energy efficiency nwh - % Water heating energy efficiency NTOL 60 C C C C C C C C C C C C C C C C C C								
Heating water operating limit temperature WIOL 60 C	Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°C
Off mode Thermostat-off mode Thermostat-off mode Standby mode Crankcase heater mode Pok Outher items Capacity control Sound power level, indoors/outdoors Annual energy consumption Declared load profile Daily electricity consumption Qelec Annual electricity consumption Qelec Annual electricity consumption Qelec Contact details Rated heat output (*) Psup 0.6 kW Rated heat output (*) Psup 0.6 kW Type of energy input Electrical Electrical Paul Alva Al	-	Tdesignh	-10	°C	Heating water operating limit temperature	WTOL	60	°C
Thermostat-off mode Standby mode PSB 0.015 KW Type of energy input Electrical Other items Capacity control Sound power level, indoors/outdoors Annual energy consumption Declared load profile Daily electricity consumption Qelec Annual electricity consumption Qelec Annual electricity consumption Qelec Annual electricity consumption AEC - Contact details	Power consumption in modes other than act	ive mode	•		Supplementary heater			
Standby mode Crankcase heater mode P _{SB} 0.015 kW Type of energy input Electrical Crankcase heater mode P _{CK} 0.000 kW Other items Capacity control Sound power level, indoors/outdoors Annual energy consumption Q _{HE} 2806 kWh For heat pump combination heater: Declared load profile Daily electricity consumption Qelec Annual electricity consumption Qelec Annual electricity consumption AEC - kWh Contact details	Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.6	kW
Crankcase heater mode	Thermostat-off mode	P_{TO}	0.015	kW				
Capacity control Sound power level, indoors/outdoors Annual energy consumption Declared load profile Daily electricity consumption Qelec Annual electricity consumption Qelec Annual electricity consumption AEC - Rated air flow rate, outdoors - 2070 m³/h Rated air flow rate, outdoors - 2070 m³/h Water heating energy efficiency nwh - % Contact details	Standby mode	P_SB	0.015	kW	Type of energy input		Electrical	
Capacity control Sound power level, indoors/outdoors Annual energy consumption Declared load profile Daily electricity consumption Qelec Annual electricity consumption Qelec AREC Rated air flow rate, outdoors - 2070 m³/h ABA Wh Water heating energy efficiency NWh Contact details	Crankcase heater mode	P _{CK}	0.000	kW				
Sound power level, indoors/outdoors Annual energy consumption Cortact details Lwa 41/58 dBA kWh Lwa 2806 kWh Lwa 2806 kWh Water heating energy efficiency \(\eta \) \(\text{nwh} \) - \(\text{%} \) Water heating energy efficiency \(\eta \) \(\text{nwh} \) - \(\text{%} \) Water heating energy efficiency \(\text{nwh} \) - \(\text{%} \) Contact details	Other items		-					
Annual energy consumption Q _{HE} 2806 kWh For heat pump combination heater: Declared load profile Daily electricity consumption Qelec Annual electricity consumption AEC Contact details	Capacity control		variable		Rated air flow rate, outdoors	-	2070	m³/h
For heat pump combination heater: Declared load profile Daily electricity consumption Annual electricity consumption AEC Contact details Water heating energy efficiency NWh Awh Awh Contact details	Sound power level, indoors/outdoors	L _{WA}	41 / 58	dBA				
Declared load profile Daily electricity consumption AEC Contact details Water heating energy efficiency NWh Water heating energy efficiency NWh - % KWh Contact details	Annual energy consumption	Q_{HE}	2806	kWh				
Daily electricity consumption Annual electricity consumption AEC - kWh Contact details	For heat pump combination heater:							
Annual electricity consumption AEC - kWh Contact details	Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Contact details	Daily electricity consumption	Qelec	-	kWh				
	Annual electricity consumption	AEC	-	kWh				
MITSUBISHI ELECTRIC AIR CODITIONING SYSTEM EUROPE LTD. Nettlehill Road, Houston Industrial Estate, Livingston, EH54 5EQ, Scotland, U.K.		NING SYSTE	EM ELIDODE	LTD	Nottlohill Pood Houston Industrial Catata Lin	vingeton FII	54 5EO 2554	and IIV

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

A Edaras

Atsushi EDAYOSHI

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	:	SUZ-SWM40VA			
		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	5.1	kW	Seasonal space heating energy efficiency	ηѕ	187	%
Declared capacity for heating for part load a	t indoor			Declared coefficient of performance or primary e	nergy 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	4.5	kW	Tj = - 7 °C	COPd	2.92	-
Degradation co-efficient (**)	Cdh	0.99	-				ı
Tj = + 2 °C	Pdh	2.7	kW	Tj = + 2 °C	COPd	4.58	_
Degradation co-efficient (**)	Cdh	0.98	-				ı
Tj = + 7 °C	Pdh	2.6	kW	Tj = + 7 °C	COPd	6.50	-
Degradation co-efficient (**)	Cdh	0.96	-				ı
Tj = +12 °C	Pdh	2.6	kW	Tj = +12 °C	COPd	8.97	_
Degradation co-efficient (**)	Cdh	0.95	-				I
Tj = bivalent temperature	Pdh	4.5	kW	Tj = bivalent temperature	COPd	2.92	-
Tj = operation limit temperature (***)	Pdh	4.4	kW	Tj = operation limit temperature (***)	COPd	2.59	-
			1				
Bivalent temperature	Tbiv	-7] °c	Operation limit temperature	TOL	-20	°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			Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.7	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	-	2070	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 58	dBA				ı
Annual energy consumption	Q_{HE}	2220	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				I
Annual electricity consumption	AEC	-	kWh				
Contact details		1	ı	1			
MITSUBISHI ELECTRIC AIR CODITIO	NING SYSTE	EM EUROPE	LTD.	Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	land, U.K.
The identification and signature of the person	n empowere	d to bind the	e supplier;				

Atsushi EDAYOSHI

The signature is signed in the average climate / medium-temperature section. Manager, Quality Assuarance Department

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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	i:	SUZ-SWM40VA			
		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	3.5	kW	Seasonal space heating energy efficiency	ηѕ	108	%
Declared capacity for heating for part load a	t indoor		!	Declared coefficient of performance or primary e	nergy ratio fo	or	
temperature 20 °C and outdoor temperature	Тј			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	2.3	kW	Tj = - 7 °C	COPd	2.30	_
Degradation co-efficient (**)	Cdh	0.99] -				I
Tj = + 2 °C	Pdh	1.9	kW	Tj = + 2 °C	COPd	3.28	_
Degradation co-efficient (**)	Cdh	0.97] -				<u> </u>
Tj = + 7 °C	Pdh	2.0	kW	Tj = + 7 °C	COPd	5.13	-
Degradation co-efficient (**)	Cdh	0.96	-				_
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	6.55	_
Degradation co-efficient (**)	Cdh	0.95] -				I
Tj = bivalent temperature	Pdh	3.3	kW	Tj = bivalent temperature	COPd	1.25	_
Tj = operation limit temperature (***)	Pdh	3.3	kW	Tj = operation limit temperature (***)	COPd	1.25	-
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than acti	ive mode			Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	3.5	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	-	2070	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 58	dBA				ı
Annual energy consumption	Q_{HE}	3108	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 AIR CODITIO	NING SYSTE	EM EUROPE	LTD.	Nettlehill Road, Houston Industrial Estate, Liv	vingston, EH	54 5EQ, Scot	land, U.K.
The identification and signature of the person	n empowere	d to bind the	e supplier;				

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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	:	SUZ-SWM40VA			
		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	4.3	kW	Seasonal space heating energy efficiency	ηs	145	%
Declared capacity for heating for part load a	t indoor	•		Declared coefficient of performance or primary e	nergy ratio fo	or	
temperature 20 °C and outdoor temperature	Гј			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	2.6	kW	Tj = - 7 °C	COPd	3.03	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	2.0	kW	Tj = + 2 °C	COPd	4.26	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = + 7 °C	Pdh	2.0	kW	Tj = + 7 °C	COPd	6.06	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	7.60	-
Degradation co-efficient (**)	Cdh	0.94	-				
Tj = bivalent temperature	Pdh	4.1	kW	Tj = bivalent temperature	COPd	2.32	-
Tj = operation limit temperature (***)	Pdh	4.1	kW	Tj = operation limit temperature (***)	COPd	2.32	-
Tj = -15 °C (if TOL < -20 °C)	Pdh	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than acti	ive mode			Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.3	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	-	2070	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 58	dBA				
Annual energy consumption	Q_{HE}	2858	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 AIR CODITIO				Nettlehill Road, Houston Industrial Estate, Liv	/ingston, EH	54 5EQ, Scotl	and, U.K.
The identification and signature of the person	ı empowere	u to bina the	e Supplier;				

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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).

^(**) 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-SWM40VA			
		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	4.6	kW	Seasonal space heating energy efficiency	ηs	160	%
Declared capacity for heating for part load a	t indoor			Declared coefficient of performance or primary e	nergy ratio fo	or	
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj	<u>.</u>
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				-
Tj = + 2 °C	Pdh	4.6	kW	Tj = + 2 °C	COPd	1.85	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.0	kW	Tj = + 7 °C	COPd	3.45	-
Degradation co-efficient (**)	Cdh	0.98	-				•
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	5.59	-
Degradation co-efficient (**)	Cdh	0.96	-				•
Tj = bivalent temperature	Pdh	4.6	kW	Tj = bivalent temperature	COPd	1.85	-
Tj = operation limit temperature (***)	Pdh	4.6	kW	Tj = operation limit temperature (***)	COPd	1.85	-
							•
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°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	ive 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	-	2070	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 58	dBA				
Annual energy consumption	Q_{HE}	1506	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 AIR CODITIO	NING SYSTI	EM EUROPE	LTD.	Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	land, U.K.
The identification and signature of the perso					<u> </u>	,	,
-				Atsushi EDAYOSHI			

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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	:	SUZ-SWM40VA			
		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	5.1	kW	Seasonal space heating energy efficiency	ηѕ	225	%
Declared capacity for heating for part load	at indoor			Declared coefficient of performance or primary e	nergy 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	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	5.1	kW	Tj = + 2 °C	COPd	3.13	-
Degradation co-efficient (**)	Cdh	0.99	-				ı
Tj = + 7 °C	Pdh	3.3	kW	Tj = + 7 °C	COPd	5.18	-
Degradation co-efficient (**)	Cdh	0.98	-				ı
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	7.04] -
Degradation co-efficient (**)	Cdh	0.94	-				ı
Tj = bivalent temperature	Pdh	5.1	kW	Tj = bivalent temperature	COPd	3.13	-
Tj = operation limit temperature (***)	Pdh	5.1	kW	Tj = operation limit temperature (***)	COPd	3.13	-
Bivalent temperature	Tbiv	2] °c	Operation limit temperature	TOL	-20] _{°C}
Reference design conditions for space			1				-
heating	Tdesignh	2	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than ac	tive mode	1	1	Supplementary heater			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							
Capacity control		variable		Rated air flow rate, outdoors	-	2070	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 58	dBA				
Annual energy consumption	Q_{HE}	1195	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 AIR CODITION	ONING SYSTE	EM EUROPE	LTD.	Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	land, U.K.
The identification and signature of the person				<u> </u>	·		
				Atsushi FDAYOSHI			

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.