Model(s):		Outdoor unit	:	SUZ-SWM80VA			
		Indoor unit:		EHST30D-***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:				yes			
Parameters for				medium-temperature application.			
Parameters for				average climate conditions.			
Item	Symbol	Value	Unit	ltem	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηѕ	131	%
Declared capacity for heating for part load a	t indoor			Declared coefficient of performance or primary e	nergy ratio f	or	
temperature 20 °C and outdoor temperature	Гј			part load at indoor temperature 20 °C and outdo	or temperatu	ıre Tj	
Tj = - 7 °C	Pdh	6.3	kW	Tj = - 7 °C	COPd	2.00	-
Degradation co-efficient (**)	Cdh	1.00	-			-	
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 2 °C	COPd	3.39	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	2.5	kW	Tj = + 7 °C	COPd	4.24	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	2.6	kW	Tj = +12 °C	COPd	6.34	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	6.3	kW	Tj = bivalent temperature	COPd	2.00	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	1.92	-
			•				
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 acti	ve mode			Supplementary heater			
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	1.2	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							
Capacity control		variable		Rated air flow rate, outdoors	-	2184	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 62	dBA				
Annual energy consumption	Q_HE	4378	kWh				
For heat pump combination heater:						,	
Declared load profile		XL		Water heating energy efficiency	ηwh	128	%
Daily electricity consumption	Qelec	6.090	kWh				
Annual electricity consumption	AEC	1339	kWh				
Contact details							

MITSUBISHI ELECTRIC AIR CODITIONING SYSTEM EUROPE LTD.

Nettlehill Road, Houston Industrial Estate, Livingston, EH54 5EQ, Scotland, U.K.

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

Sand

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-SWM80VA			
		Indoor unit:		EHST30D-***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:				yes			
Parameters for				low-temperature application.			
Parameters for				average climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηѕ	182	%
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 temperatur	re Tj	
Tj = - 7 °C	Pdh	6.3	kW	Tj = - 7 °C	COPd	2.95	_
Degradation co-efficient (**)	Cdh	0.99	-				l
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 2 °C	COPd	4.57	-
Degradation co-efficient (**)	Cdh	0.98	-				l
Tj = + 7 °C	Pdh	2.7	kW	Tj = + 7 °C	COPd	6.14	-
Degradation co-efficient (**)	Cdh	0.97	-				l
Tj = +12 °C	Pdh	2.6	kW	Tj = +12 °C	COPd	8.39	_
Degradation co-efficient (**)	Cdh	0.95	-				l
Tj = bivalent temperature	Pdh	6.3	kW	Tj = bivalent temperature	COPd	2.95	_
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	2.64	-
			1				l
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 acti	ve mode	•		Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	1.2	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		•					
Capacity control		variable		Rated air flow rate, outdoors	-	2184	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 62	dBA				
Annual energy consumption	Q_{HE}	3175	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	128	%
Daily electricity consumption	Qelec	6.090	kWh				
Annual electricity consumption	AEC	1339	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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 $Pde signh, \ and \ the \ rated \ heat \ output \ of \ a \ supplementary \ heater \ Psup \ is \ equal \ to \ the \ supplementary \ capacity \ for \ heating \ sup(Tj).$

^(**) 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-SWM80VA			
		Indoor unit:		EHST30D-***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:				yes			
Parameters for				medium-temperature application.			
Parameters for				colder climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.4	kW	Seasonal space heating energy efficiency	ηs	106	%
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	2.8	kW	Tj = - 7 °C	COPd	2.29	-
Degradation co-efficient (**)	Cdh	0.99	-				l
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 2 °C	COPd	3.29	-
Degradation co-efficient (**)	Cdh	0.98	-				ı
Tj = + 7 °C	Pdh	2.2	kW	Tj = + 7 °C	COPd	4.07	-
Degradation co-efficient (**)	Cdh	0.97	-				ı
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	5.76	-
Degradation co-efficient (**)	Cdh	0.96	-				ı
Tj = bivalent temperature	Pdh	4.2	kW	Tj = bivalent temperature	COPd	1.38	-
Tj = operation limit temperature (***)	Pdh	4.2	kW	Tj = operation limit temperature (***)	COPd	1.38	-
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	ive mode			Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.4	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	-	2184	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 62	dBA				
Annual energy consumption	Q_{HE}	3977	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	107	%
Daily electricity consumption	Qelec	7.300	kWh				
Annual electricity consumption	AEC	1605	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CODITIO				Nettlehill Road, Houston Industrial Estate, Liv	vingston, EH	54 5EQ, Scot	land, U.K.
The identification and signature of the person	n empowere	u to bina 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-SWM80VA			
		Indoor unit:		EHST30D-***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:				yes			
Parameters for				low-temperature application.			
Parameters for				colder climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.9	kW	Seasonal space heating energy efficiency	ηs	144	%
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 7	- j			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	3.2	kW	Tj = - 7 °C	COPd	3.35	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	2.7	kW	Tj = + 2 °C	COPd	4.16	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.3	kW	Tj = + 7 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	6.90	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	4.6	kW	Tj = bivalent temperature	COPd	2.05	-
Tj = operation limit temperature (***)	Pdh	4.6	kW	Tj = operation limit temperature (***)	COPd	2.05	-
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	4.9	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	-	2184	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 62	dBA				
Annual energy consumption	Q_HE	3297	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	107	%
Daily electricity consumption	Qelec	7.300	kWh				
Annual electricity consumption	AEC	1605	kWh				
Contact details	UNO CYCTT	MEUDOSE	LTD	Namakii Baad Harris Arris (1997)	de est. Fil	54.550 O ''	
MITSUBISHI ELECTRIC AIR CODITION The identification and signature of the person				Nettlehill Road, Houston Industrial Estate, Liv	/ingston, EH	o4 o⊨Q, Scotl	and, U.K.

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-SWM80VA			
		Indoor unit:		EHST30D-***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:				yes			
Parameters for				medium-temperature application.			
Parameters for				warmer climate conditions.			
Item	Symbol	Value	Unit	ltem	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηs	135	%
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	7.1	kW	Tj = + 2 °C	COPd	1.76	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 7 °C	Pdh	4.6	kW	Tj = + 7 °C	COPd	2.79	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	7.1	kW	Tj = bivalent temperature	COPd	1.76	-
Tj = operation limit temperature (***)	Pdh	7.1	kW	Tj = operation limit temperature (***)	COPd	1.76	-
Bivalent temperature	Tbiv	2] ∘c	Operation limit temperature	TOL	-20	°c
Reference design conditions for space	Tdesignh	2	°C	Heating water operating limit temperature	WTOL	60	°C
heating						00	
Power consumption in modes other than act		ī	Ι	Supplementary heater		1 1	
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 1	
Capacity control		variable	Г	Rated air flow rate, outdoors	-	2184	m ³ /h
Sound power level, indoors/outdoors	L_{WA}	41 / 62	dBA				
Annual energy consumption	Q _{HE}	2743	kWh				
For heat pump combination heater:						T T	
Declared load profile		XL	T	Water heating energy efficiency	ηwh	164	%
Daily electricity consumption	Qelec	4.790	kWh				
Annual electricity consumption	AEC	1053	kWh				
Contact details MITSUBISHI ELECTRIC AIR CODITIO	NING SYSTE	EM EUROPE	LTD.	Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scotl	and, U.K.
The identification and signature of the person	n empowere	d to bind the	e supplier;	Atsushi FDAYOSHI			

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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-SWM80VA			
		Indoor unit:		EHST30D-***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:				yes			
Parameters for				low-temperature application.			
Parameters for				warmer climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηѕ	186	%
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 temperatu	re Tj	
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				ı
Tj = + 2 °C	Pdh	7.1	kW	Tj = + 2 °C	COPd	3.30	-
Degradation co-efficient (**)	Cdh	0.99	-				l
Tj = + 7 °C	Pdh	4.6	kW	Tj = + 7 °C	COPd	4.02	-
Degradation co-efficient (**)	Cdh	0.99	-				I
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	6.25	_
Degradation co-efficient (**)	Cdh	0.95	-				I
Tj = bivalent temperature	Pdh	7.1	kW	Tj = bivalent temperature	COPd	3.30	_
Tj = operation limit temperature (***)	Pdh	7.1	kW	Tj = operation limit temperature (***)	COPd	3.30	-
Bivalent temperature	Tbiv	2	°c	Operation limit temperature	TOL	-20	°C
Reference design conditions for space	Tdesignh	2	°C	Heating water operating limit temperature	WTOL	60	°C
heating Power consumption in modes other than acti							_
Off mode		0.015	kW	Supplementary heater	Psup	0.0	kW
	P _{OFF}	-		Rated heat output (*)	Psup	0.0	KVV
Thermostat-off mode Standby mode	P _{TO}	0.015	kW	Type of energy input		Flootrical	
•	P _{SB}	0.015	kW	Type or energy input		Electrical	
Crankcase heater mode Other items	Рск	0.000	kW		<u> </u>		
Capacity control		variable	I	Rated air flow rate, outdoors		2184	m³/h
Sound power level, indoors/outdoors		41 / 62	dBA		-	2104	I m /n
•	L _{WA}	2005	kWh				
Annual energy consumption	Q _{HE}	2005	KVVII				
For heat pump combination heater:		VI		Webs basting against the second		464	0/
Declared load profile		XL T 4700	1344	Water heating energy efficiency	ηwh	164	%
Daily electricity consumption	Qelec	4.790	kWh				
Annual electricity consumption Contact details	AEC	1053	kWh				
MITSUBISHI ELECTRIC AIR CODITIO	NING SYST	EM EUROPE	LTD.	Nettlehill Road, Houston Industrial Estate, Liv	vingston, EH	54 5EQ, Scot	land, U.K.
The identification and signature of the person	empowere	ed 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-SWM80VA			
		Indoor unit:		EHST30D-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:				yes			
Parameters for				medium-temperature application.			
Parameters for				average climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηs	131	%
Declared capacity for heating for part load a	t indoor			Declared coefficient of performance or primary e	l 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	6.3	kW	Tj = - 7 °C	COPd	2.00	_
Degradation co-efficient (**)	Cdh	1.00	_				1
Tj = + 2 °C	Pdh	3.8	kW		COPd	3.39	_
Degradation co-efficient (**)	Cdh	0.99	-				1
Tj = + 7 °C	Pdh	2.5	kW	Tj = + 7 °C	COPd	4.24] -
Degradation co-efficient (**)	Cdh	0.98	-				1
Tj = +12 °C	Pdh	2.6	kW	Tj = +12 °C	COPd	6.34] -
Degradation co-efficient (**)	Cdh	0.96	-				1
Tj = bivalent temperature	Pdh	6.3	kW	Tj = bivalent temperature	COPd	2.00	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	1.92	-
			1				I
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		-1	
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	1.2	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							
Capacity control		variable		Rated air flow rate, outdoors	-	2184	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 62	dBA				
Annual energy consumption	Q_{HE}	4378	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	128	%
Daily electricity consumption	Qelec	6.090	kWh			_	
Annual electricity consumption	AEC	1339	kWh				
Contact details							

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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-SWM80VA			
		Indoor unit:		EHST30D-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:				yes			
Parameters for				low-temperature application.			
Parameters for				average climate conditions.			
Item	Symbol	Value	Unit	ltem	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηs	182	%
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 7	- j			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	6.3	kW	Tj = - 7 °C	COPd	2.95	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 2 °C	COPd	4.57	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.7	kW	Tj = + 7 °C	COPd	6.14	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	2.6	kW	Tj = +12 °C	COPd	8.39	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	6.3	kW	Tj = bivalent temperature	COPd	2.95	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	2.64	-
			•				
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 acti	ve mode			Supplementary heater			
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	1.2	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							
Capacity control		variable		Rated air flow rate, outdoors	-	2184	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 62	dBA				
Annual energy consumption	Q_{HE}	3175	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	128	%
Daily electricity consumption	Qelec	6.090	kWh				
Annual electricity consumption	AEC	1339	kWh				
Contact details	UNIO OVOT	MEURORE	LTD	Namakii Baad Harris Arris (1997)	de est. Fil	54.550 O ''	
MITSUBISHI ELECTRIC AIR CODITION The identification and signature of the person				Nettlehill Road, Houston Industrial Estate, Liv	/irigston, EH	54 5EQ, SC0tl	and, U.K.

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-SWM80VA			
		Indoor unit:		EHST30D-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:				yes			
Parameters for				medium-temperature application.			
Parameters for				colder climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.4	kW	Seasonal space heating energy efficiency	ηs	106	%
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 7	- j			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	2.8	kW	Tj = - 7 °C	COPd	2.29	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 2 °C	COPd	3.29	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.2	kW	Tj = + 7 °C	COPd	4.07	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	5.76	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	4.2	kW	Tj = bivalent temperature	COPd	1.38	-
Tj = operation limit temperature (***)	Pdh	4.2	kW	Tj = operation limit temperature (***)	COPd	1.38	-
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	4.4	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	-	2184	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 62	dBA				
Annual energy consumption	Q_{HE}	3977	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	107	%
Daily electricity consumption	Qelec	7.300	kWh				
Annual electricity consumption	AEC	1605	kWh				
Contact details	UNO CYCTT	M EUDOSE	LTD	Namakii Baad Harris Arris (1997)	de est. Fil	54.550 O ''	
MITSUBISHI ELECTRIC AIR CODITION The identification and signature of the person				Nettlehill Road, Houston Industrial Estate, Liv	/ingston, EH	o4 o⊨Q, Scotl	ana, U.K.

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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-SWM80VA			
		Indoor unit:		EHST30D-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:				yes			
Parameters for				low-temperature application.			
Parameters for				colder climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.9	kW	Seasonal space heating energy efficiency	ηs	144	%
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 7	- j			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	3.2	kW	Tj = - 7 °C	COPd	3.35	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	2.7	kW	Tj = + 2 °C	COPd	4.16	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.3	kW	Tj = + 7 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	6.90	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	4.6	kW	Tj = bivalent temperature	COPd	2.05	-
Tj = operation limit temperature (***)	Pdh	4.6	kW	Tj = operation limit temperature (***)	COPd	2.05	-
Tj = -15 °C (if TOL < -20 °C)	Pdh	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20		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	4.9	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	-	2184	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 62	dBA				
Annual energy consumption	Q_{HE}	3297	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	107	%
Daily electricity consumption	Qelec	7.300	kWh				
Annual electricity consumption	AEC	1605	kWh				
Contact details	UNO CYCTT	MEUDOSE	LTD	Namakii Baad Harris Arris (1997)	de est. Fil	54.550 O ''	
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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	t:	SUZ-SWM80VA			
		Indoor unit:		EHST30D-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:				yes			
Parameters for				medium-temperature application.			
Parameters for				warmer climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηs	135	%
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	7.1	kW	Tj = + 2 °C	COPd	1.76	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 7 °C	Pdh	4.6	kW	Tj = + 7 °C	COPd	2.79	-
Degradation co-efficient (**)	Cdh	0.99	1 -				
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.96	-				ı
Tj = bivalent temperature	Pdh	7.1	kW	Tj = bivalent temperature	COPd	1.76	-
Tj = operation limit temperature (***)	Pdh	7.1	kW	Tj = operation limit temperature (***)	COPd	1.76	-
			•				ı
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 acti	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	-	2184	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 62	dBA				•
Annual energy consumption	Q_{HE}	2743	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	164	%
Daily electricity consumption	Qelec	4.790	kWh				=
Annual electricity consumption	AEC	1053	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CODITIO				Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	land, U.K.
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UNITED KINGDOM

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	t:	SUZ-SWM80VA			
		Indoor unit:		EHST30D-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:				yes			
Parameters for				low-temperature application.			
Parameters for				warmer climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηs	186	%
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 outdo	or temperatur	re Tj	
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-] -				
Tj = + 2 °C	Pdh	7.1	kW	Tj = + 2 °C	COPd	3.30	-
Degradation co-efficient (**)	Cdh	0.99] -				
Tj = + 7 °C	Pdh	4.6	kW	Tj = + 7 °C	COPd	4.02	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	6.25	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	7.1	kW	Tj = bivalent temperature	COPd	3.30	-
Tj = operation limit temperature (***)	Pdh	7.1	kW	Tj = operation limit temperature (***)	COPd	3.30	-
			-				
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 according to the consumption of	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	-	2184	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 62	dBA				
Annual energy consumption	Q_{HE}	2005	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	164	%
Daily electricity consumption	Qelec	4.790	kWh				
Annual electricity consumption	AEC	1053	kWh				
Contact details		-	-				
MITSUBISHI ELECTRIC AIR CODITIC				Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	land, U.K.
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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-SWM80VA			
		Indoor unit:		ERST30D-***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:				yes			
Parameters for				medium-temperature application.			
Parameters for				average climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηѕ	133	%
Declared capacity for heating for part load a	t indoor	l	L	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	6.3	kW	Tj = - 7 °C	COPd	2.06] -
Degradation co-efficient (**)	Cdh	1.00	-				1
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 2 °C	COPd	3.39] -
Degradation co-efficient (**)	Cdh	0.99	-				1
Tj = + 7 °C	Pdh	2.5	kW	Tj = + 7 °C	COPd	4.24] -
Degradation co-efficient (**)	Cdh	0.98	-				1
Tj = +12 °C	Pdh	2.6	kW	Tj = +12 °C	COPd	6.34] -
Degradation co-efficient (**)	Cdh	0.96	-				1
Tj = bivalent temperature	Pdh	6.3	kW	Tj = bivalent temperature	COPd	2.06	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	1.92] -
			•				•
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	1.2	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							
Capacity control		variable		Rated air flow rate, outdoors	-	2184	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 62	dBA				
Annual energy consumption	Q_{HE}	4301	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	128	%
Daily electricity consumption	Qelec	6.090	kWh				
Annual electricity consumption	AEC	1339	kWh				
Contact details							

MITSUBISHI ELECTRIC AIR CODITIONING SYSTEM EUROPE LTD.

Nettlehill Road, Houston Industrial Estate, Livingston, EH54 5EQ, Scotland, U.K.

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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-SWM80VA			
		Indoor unit:		ERST30D-***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:				yes			
Parameters for				low-temperature application.			
Parameters for				average climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	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	Тj			part load at indoor temperature 20 °C and outdo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	6.3	kW	Tj = - 7 °C	COPd	3.00	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 2 °C	COPd	4.62	-
Degradation co-efficient (**)	Cdh	0.98	-				•
Tj = + 7 °C	Pdh	2.7	kW	Tj = + 7 °C	COPd	6.14	-
Degradation co-efficient (**)	Cdh	0.97	-				•
Tj = +12 °C	Pdh	2.6	kW	Tj = +12 °C	COPd	8.39	-
Degradation co-efficient (**)	Cdh	0.95	-				•
Tj = bivalent temperature	Pdh	6.3	kW	Tj = bivalent temperature	COPd	3.00	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	2.64	-
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	1.2	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							
Capacity control		variable		Rated air flow rate, outdoors	-	2184	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 62	dBA				
Annual energy consumption	Q_{HE}	3094	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	128	%
Daily electricity consumption	Qelec	6.090	kWh				
Annual electricity consumption	AEC	1339	kWh				
Contact details							
The identification and signature of the person				Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	land, U.K.
THE IDENTIFICATION AND SIGNATURE OF THE DEPON	u empowere	a to bind the	s 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	utdoor unit: SUZ-SWM80VA						
		Indoor unit:		ERST30D-***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:				yes					
Parameters for				medium-temperature application.					
Parameters for				colder climate conditions.					
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit		
Rated heat output (*)	Prated	4.4	kW	Seasonal space heating energy efficiency	ηs	109	%		
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 outdoor temperature Tj					
Tj = - 7 °C	Pdh	2.8	kW	Tj = - 7 °C	COPd	2.41	-		
Degradation co-efficient (**)	Cdh	0.99	-						
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 2 °C	COPd	3.29	-		
Degradation co-efficient (**)	Cdh	0.98	-						
Tj = + 7 °C	Pdh	2.2	kW	Tj = + 7 °C	COPd	4.07	-		
Degradation co-efficient (**)	Cdh	0.97	-						
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	5.76	-		
Degradation co-efficient (**)	Cdh	0.96	-						
Tj = bivalent temperature	Pdh	4.2	kW	Tj = bivalent temperature	COPd	1.38	-		
Tj = operation limit temperature (***)	Pdh	4.2	kW	Tj = operation limit temperature (***)	COPd	1.38	-		
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	ive mode			Supplementary heater					
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.4	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	-	2184	m³/h		
Sound power level, indoors/outdoors	L_WA	41 / 62	dBA						
Annual energy consumption	Q_{HE}	3868	kWh						
For heat pump combination heater:									
Declared load profile		XL		Water heating energy efficiency	ηwh	107	%		
Daily electricity consumption	Qelec	7.300	kWh						
Annual electricity consumption	AEC	1605	kWh						
Contact details	NING OVER		1.TD	N. III. 111 D. 111	=	54.5EQ 3			
The identification and signature of the person				Nettlehill Road, Houston Industrial Estate, Li	/ingston, EH	54 5EQ, Scotl	and, U.K.		
THE RESIDENCE OF AND SIGNALUIC OF THE DEISON	cilibowele	a to billu lilt	JUPPHEI,						

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).

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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	i:	SUZ-SWM80VA			
		Indoor unit:		ERST30D-***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:				yes			
Parameters for				low-temperature application.			
Parameters for				colder climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.9	kW	Seasonal space heating energy efficiency	ηs	148	%
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	е Тј	
Tj = - 7 °C	Pdh	3.2	kW	Tj = - 7 °C	COPd	3.40	-
Degradation co-efficient (**)	Cdh	0.98] -				
Tj = + 2 °C	Pdh	2.7	kW	Tj = + 2 °C	COPd	4.29	-
Degradation co-efficient (**)	Cdh	0.98] -				
Tj = + 7 °C	Pdh	2.3	kW	Tj = + 7 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.97] -				
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	6.90	-
Degradation co-efficient (**)	Cdh	0.95] -				I
Tj = bivalent temperature	Pdh	4.6	kW	Tj = bivalent temperature	COPd	2.05	-
Tj = operation limit temperature (***)	Pdh	4.6	kW	Tj = operation limit temperature (***)	COPd	2.05	-
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	ive mode			Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.9	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	-	2184	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 62	dBA				r.
Annual energy consumption	Q_{HE}	3206	kWh				
For heat pump combination heater:		•	•				
Declared load profile		XL		Water heating energy efficiency	ηwh	107	%
Daily electricity consumption	Qelec	7.300	kWh				
Annual electricity consumption	AEC	1605	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;				

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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-SWM80VA					
		Indoor unit:		ERST30D-***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:				yes					
Parameters for				medium-temperature application.					
Parameters for				warmer climate conditions.					
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit		
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηѕ	138	%		
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 outdoor temperature Tj					
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-		
Degradation co-efficient (**)	Cdh	-	-						
Tj = + 2 °C	Pdh	7.1	kW	Tj = + 2 °C	COPd	1.76	-		
Degradation co-efficient (**)	Cdh	1.00	-						
Tj = + 7 °C	Pdh	4.6	kW	Tj = + 7 °C	COPd	2.75	-		
Degradation co-efficient (**)	Cdh	0.99	-				•		
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	5.00	-		
Degradation co-efficient (**)	Cdh	0.96	-				•		
Tj = bivalent temperature	Pdh	7.1	kW	Tj = bivalent temperature	COPd	1.76	-		
Tj = operation limit temperature (***)	Pdh	7.1	kW	Tj = operation limit temperature (***)	COPd	1.76	-		
			-				•		
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	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	-	2184	m³/h		
Sound power level, indoors/outdoors	L _{WA}	41 / 62	dBA						
Annual energy consumption	Q_{HE}	2695	kWh						
For heat pump combination heater:									
Declared load profile		XL		Water heating energy efficiency	ηwh	164	%		
Daily electricity consumption	Qelec	4.790	kWh				•		
Annual electricity consumption	AEC	1053	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 perso	n empowere	d to bind the	e supplier;	,		<u> </u>			
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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-SWM80VA			
		Indoor unit:		ERST30D-***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:				yes			
Parameters for				low-temperature application.			
Parameters for				warmer climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηѕ	191	%
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	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				1
Tj = + 2 °C	Pdh	7.1	kW	Tj = + 2 °C	COPd	3.21	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	4.6	kW	Tj = + 7 °C	COPd	3.97	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	6.25	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	7.1	kW	Tj = bivalent temperature	COPd	3.21	-
Tj = operation limit temperature (***)	Pdh	7.1	kW	Tj = operation limit temperature (***)	COPd	3.21	-
Bivalent temperature	Tbiv	2] °c	Operation limit temperature	TOL	-20	°c
Reference design conditions for space	Tdesignh	2	°C	Heating water operating limit temperature	WTOL	60	°C
heating 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	-	2184	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 62	dBA				ı
Annual energy consumption	Q_HE	1954	kWh				
For heat pump combination heater:			!				
Declared load profile		XL		Water heating energy efficiency	ηwh	164	%
Daily electricity consumption	Qelec	4.790	kWh				l
Annual electricity consumption	AEC	1053	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.
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