Model(s):		Outdoor unit	:	SUZ-SWM60VA			
		Indoor unit:		EHST17D-***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.			
ltem	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	130	%
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	5.3	kW	Tj = - 7 °C	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.2	kW	Tj = + 2 °C	COPd	3.27	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	2.6	kW	Tj = + 7 °C	COPd	4.48	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	2.6	kW	Tj = +12 °C	COPd	6.34	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	2.04	-
Tj = operation limit temperature (***)	Pdh	5.1	kW	Tj = operation limit temperature (***)	COPd	1.90	-
			•				
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	0.9	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	-	2070	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 60	dBA				
Annual energy consumption	Q_{HE}	3727	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	144	%
Daily electricity consumption	Qelec	3.380	kWh				
Annual electricity consumption	AEC	744	kWh				
Contact details							
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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:

Atsushi EDAYOSHI

Manager, Quality Assuarance Department

UNITED KINGDOM

· 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-SWM60VA			
		Indoor unit:		EHST17D-***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	6.6	kW	Seasonal space heating energy efficiency	ηs	181	%
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	5.8	kW	Tj = - 7 °C	COPd	3.02	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.6	kW	Tj = + 2 °C	COPd	4.48	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.8	kW	Tj = + 7 °C	COPd	6.36	-
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	5.8	kW	Tj = bivalent temperature	COPd	3.02	-
Tj = operation limit temperature (***)	Pdh	5.5	kW	Tj = operation limit temperature (***)	COPd	2.66	-
			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 acti	ve mode			Supplementary heater			
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	1.1	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 / 60	dBA				
Annual energy consumption	Q _{HE}	2957	kWh				
For heat pump combination heater:	_						
Declared load profile		L	.	Water heating energy efficiency	ηwh	144	%
Daily electricity consumption	Qelec	3.380	kWh				
Annual electricity consumption	AEC	744	kWh				
Contact details	NINO OVOT	-M EUDODE	LTD	Newlabill Dood Household Street	vinante - EU	E4 EEO O- ''	and 1117
MITSUBISHI ELECTRIC AIR CODITIO				Nettlehill Road, Houston Industrial Estate, Liver	migsion, EH	54 5EQ, 5C0ti	anu, 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-SWM60VA			
		Indoor unit:		EHST17D-***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	4.1	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	Тј			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	2.8	kW	Tj = - 7 °C	COPd	2.41	-
Degradation co-efficient (**)	Cdh	0.99	-				l
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 2 °C	COPd	3.15	-
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	-				
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	5.76	-
Degradation co-efficient (**)	Cdh	0.96	-				ı
Tj = bivalent temperature	Pdh	3.9	kW	Tj = bivalent temperature	COPd	1.36	-
Tj = operation limit temperature (***)	Pdh	3.9	kW	Tj = operation limit temperature (***)	COPd	1.36	-
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	4.1	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 / 60	dBA				
Annual energy consumption	Q_{HE}	3714	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	119	%
Daily electricity consumption	Qelec	4.090	kWh				
Annual electricity consumption	AEC	900	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 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-SWM60VA			
		Indoor unit:		EHST17D-***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	4.5	kW	Seasonal space heating energy efficiency	ηs	143	%
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	3.2	kW	Tj = - 7 °C	COPd	3.50	-
Degradation co-efficient (**)	Cdh	0.98	-				ı
Tj = + 2 °C	Pdh	2.7	kW	Tj = + 2 °C	COPd	4.00	_
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	-				I
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	6.90	-
Degradation co-efficient (**)	Cdh	0.95	-				_
Tj = bivalent temperature	Pdh	4.3	kW	Tj = bivalent temperature	COPd	2.06	_
Tj = operation limit temperature (***)	Pdh	4.3	kW	Tj = operation limit temperature (***)	COPd	2.06	-
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	4.5	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 / 60	dBA				•
Annual energy consumption	Q_{HE}	3037	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	119	%
Daily electricity consumption	Qelec	4.090	kWh				
Annual electricity consumption	AEC	900	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	a to bind the	e sunnlier				

The identification and signature of the person empowered 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	:	SUZ-SWM60VA			
		Indoor unit:		EHST17D-***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	6.0	kW	Seasonal space heating energy efficiency	ηs	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 outdo	or temperatur	re Tj	
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	6.0	kW	Tj = + 2 °C	COPd	1.87	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	2.94	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	1.87	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	1.87	-
Displays Assessment	This.] "	Occupition limit towns and up	TOL		90
Bivalent temperature Reference design conditions for space	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C
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	-	2070	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 60	dBA				
Annual energy consumption	Q_{HE}	2268	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	167	%
Daily electricity consumption	Qelec	2.910	kWh				
Annual electricity consumption	AEC	641	kWh				
Contact details MITSUBISHI ELECTRIC AIR CODITIO	NING SYST	EM EUROPE	LTD.	Nettlehill Road, Houston Industrial Estate, Li	vinaston FH	54 5EQ Scot	and, U.K
The identification and signature of the perso				rectionin read, mouston industrial Estate, Er	virigatori, ETI	J- JLW, JUI	and, U.N.
Service of the police	pooro			Atsushi FDAYOSHI			

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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-SWM60VA			
		Indoor unit:		EHST17D-***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	6.6	kW	Seasonal space heating energy efficiency	ηs	192	%
Declared capacity for heating for part load a	at indoor			Declared coefficient of performance or primary e	nergy ratio fo	or	
temperature 20 $^{\circ}\text{C}$ and outdoor temperature	Тj		_	part load at indoor temperature 20 °C and outdo	or temperatur	re Tj	
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	6.6	kW	Tj = + 2 °C	COPd	3.32	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	4.2	kW	Tj = + 7 °C	COPd	4.18	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	6.45	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	6.6	kW	Tj = bivalent temperature	COPd	3.32	-
Tj = operation limit temperature (***)	Pdh	6.6	kW	Tj = operation limit temperature (***)	COPd	3.32	-
							<u>.</u>
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			Γ
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 / 60	dBA				
Annual energy consumption	Q_{HE}	1812	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	167	%
Daily electricity consumption	Qelec	2.910	kWh				
Annual electricity consumption	AEC	641	kWh				
Contact details MITSUBISHI ELECTRIC AIR CODITION	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.

Model(s):		Outdoor unit	:	SUZ-SWM60VA			
		Indoor unit:		EHST20D-***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	6.0	kW	Seasonal space heating energy efficiency	ηѕ	130	%
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	5.3	kW	Tj = - 7 °C	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.2	kW	Tj = + 2 °C	COPd	3.27	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	2.6	kW	Tj = + 7 °C	COPd	4.48	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	2.6	kW	Tj = +12 °C	COPd	6.34	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	2.04	-
Tj = operation limit temperature (***)	Pdh	5.1	kW	Tj = operation limit temperature (***)	COPd	1.90	-
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	0.9	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	-	2070	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 60	dBA				
Annual energy consumption	Q_{HE}	3727	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	148	%
Daily electricity consumption	Qelec	3.280	kWh				
Annual electricity consumption	AEC	723	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:

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-SWM60VA			
		Indoor unit:		EHST20D-***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	6.6	kW	Seasonal space heating energy efficiency	ηs	181	%
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	5.8	kW	Tj = - 7 °C	COPd	3.02	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.6	kW	Tj = + 2 °C	COPd	4.48	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.8	kW	Tj = + 7 °C	COPd	6.36	-
Degradation co-efficient (**)	Cdh	0.97	-				1
Tj = +12 °C	Pdh	2.6	kW	Tj = +12 °C	COPd	8.39	-
Degradation co-efficient (**)	Cdh	0.95	-				1
Tj = bivalent temperature	Pdh	5.8	kW	Tj = bivalent temperature	COPd	3.02	-
Tj = operation limit temperature (***)	Pdh	5.5	kW	Tj = operation limit temperature (***)	COPd	2.66	-
			•				
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 act	ive mode			Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	1.1	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 / 60	dBA				
Annual energy consumption	Q_{HE}	2957	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	148	%
Daily electricity consumption	Qelec	3.280	kWh				
Annual electricity consumption	AEC	723	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	u embowere	u io bina the	- SUDDIIAT				

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).

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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-SWM60VA			
		Indoor unit:		EHST20D-***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	4.1	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	Гј			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	2.8	kW	Tj = - 7 °C	COPd	2.41	_
Degradation co-efficient (**)	Cdh	0.99	-				l
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 2 °C	COPd	3.15	-
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	-				l
Tj = bivalent temperature	Pdh	3.9	kW	Tj = bivalent temperature	COPd	1.36	-
Tj = operation limit temperature (***)	Pdh	3.9	kW	Tj = operation limit temperature (***)	COPd	1.36	-
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	ive mode			Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.1	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 / 60	dBA				
Annual energy consumption	Q_{HE}	3714	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	130	%
Daily electricity consumption	Qelec	3.730	kWh				
Annual electricity consumption	AEC	821	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 persor	i empowered	u to bina the	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-SWM60VA			
		Indoor unit:		EHST20D-***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	4.5	kW	Seasonal space heating energy efficiency	ηs	143	%
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	3.2	kW	Tj = - 7 °C	COPd	3.50	_
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	2.7	kW	Tj = + 2 °C	COPd	4.00	-
Degradation co-efficient (**)	Cdh	0.98	-				ı
Tj = + 7 °C	Pdh	2.3	kW	Tj = + 7 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.97	-				ı
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	6.90	-
Degradation co-efficient (**)	Cdh	0.95	-				l
Tj = bivalent temperature	Pdh	4.3	kW	Tj = bivalent temperature	COPd	2.06	-
Tj = operation limit temperature (***)	Pdh	4.3	kW	Tj = operation limit temperature (***)	COPd	2.06	-
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	4.5	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 / 60	dBA				
Annual energy consumption	Q_{HE}	3037	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	130	%
Daily electricity consumption	Qelec	3.730	kWh				
Annual electricity consumption	AEC	821	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CODITION				Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	land, U.K.
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UNITED KINGDOM

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

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

Model(s):		Outdoor unit	:	SUZ-SWM60VA			
		Indoor unit:		EHST20D-***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	6.0	kW	Seasonal space heating energy efficiency	ηs	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 outdo	or temperatur	re Tj	
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	6.0	kW	Tj = + 2 °C	COPd	1.87	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	2.94	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	1.87	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	1.87	-
Displays Assessment	This.] "	Occupitate Parit Accessorations	TOL		۰.
Bivalent temperature Reference design conditions for space	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C
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	-	2070	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 60	dBA				
Annual energy consumption	Q_{HE}	2268	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	173	%
Daily electricity consumption	Qelec	2.820	kWh				
Annual electricity consumption	AEC	621	kWh				
Contact details MITSUBISHI ELECTRIC AIR CODITIO	NING SYSTE	EM EUROPF	LTD.	Nettlehill Road, Houston Industrial Estate, Li	vinaston. FH	54 5EQ. Scotl	and, 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).

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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-SWM60VA			
		Indoor unit:		EHST20D-***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	ltem	Symbol	Value	Unit
Rated heat output (*)	Prated	6.6	kW	Seasonal space heating energy efficiency	ηs	192	%
Declared capacity for heating for part load a	at indoor			Declared coefficient of performance or primary e	nergy ratio fo	or	
temperature 20 $^{\circ}\text{C}$ and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdoo	or temperatur	re Tj	
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	6.6	kW	Tj = + 2 °C	COPd	3.32	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	4.2	kW	Tj = + 7 °C	COPd	4.18	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	6.45	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	6.6	kW	Tj = bivalent temperature	COPd	3.32	-
Tj = operation limit temperature (***)	Pdh	6.6	kW	Tj = operation limit temperature (***)	COPd	3.32	-
Bivalent temperature	Tbiv	2] ∘c	Operation limit temperature	TOL	-20	l °c
Reference design conditions for space							
heating	Tdesignh	2	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than act	tive mode			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 / 60	dBA				
Annual energy consumption	Q_{HE}	1812	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	173	%
Daily electricity consumption	Qelec	2.820	kWh				
Annual electricity consumption	AEC	621	kWh				
Contact details MITSUBISHI ELECTRIC AIR CODITIO	NING SYSTE	EM EUROPF	LTD.	Nettlehill Road, Houston Industrial Estate, Li	vinaston. FH	54 5EQ. Scotl	and, U.K.
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^(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

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

Model(s):		Outdoor unit	:	SUZ-SWM60VA			
		Indoor unit:		EHST20D-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	6.0	kW	Seasonal space heating energy efficiency	ηs	130	%
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	5.3	kW	Tj = - 7 °C	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.2	kW	Tj = + 2 °C	COPd	3.27	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	2.6	kW	Tj = + 7 °C	COPd	4.48	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	2.6	kW	Tj = +12 °C	COPd	6.34	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	2.04	-
Tj = operation limit temperature (***)	Pdh	5.1	kW	Tj = operation limit temperature (***)	COPd	1.90	-
			•				
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	0.9	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	-	2070	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 60	dBA				
Annual energy consumption	Q_{HE}	3727	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	148	%
Daily electricity consumption	Qelec	3.280	kWh				
Annual electricity consumption	AEC	723	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:

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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-SWM60VA			
		Indoor unit:		EHST20D-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	6.6	kW	Seasonal space heating energy efficiency	ηs	181	%
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	5.8	kW	Tj = - 7 °C	COPd	3.02	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.6	kW	Tj = + 2 °C	COPd	4.48	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.8	kW	Tj = + 7 °C	COPd	6.36	-
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	5.8	kW	Tj = bivalent temperature	COPd	3.02	-
Tj = operation limit temperature (***)	Pdh	5.5	kW	Tj = operation limit temperature (***)	COPd	2.66	-
			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 acti	ive mode			Supplementary heater			
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	1.1	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 / 60	dBA				
Annual energy consumption	Q _{HE}	2957	kWh				
For heat pump combination heater:							
Declared load profile		L	.	Water heating energy efficiency	ηwh	148	%
Daily electricity consumption	Qelec	3.280	kWh				
Annual electricity consumption	AEC	723	kWh				
Contact details	NINO OVOT	-M EUDODE	LTD	Newlabill Dood Household Street	vinante - EU	E4 EEO O- ''	and 1117
MITSUBISHI ELECTRIC AIR CODITIO				Nettlehill Road, Houston Industrial Estate, Liver	migsion, EH	54 5EQ, 5C0ti	anu, U.K.

Atsushi EDAYOSHI

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

UNITED KINGDOM

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

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

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

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

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

Model(s):		Outdoor unit	:	SUZ-SWM60VA			
		Indoor unit:		EHST20D-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	4.1	kW	Seasonal space heating energy efficiency	ηѕ	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	2.41	-
Degradation co-efficient (**)	Cdh	0.99	-				•
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 2 °C	COPd	3.15	-
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	-				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	3.9	kW	Tj = bivalent temperature	COPd	1.36	-
Tj = operation limit temperature (***)	Pdh	3.9	kW	Tj = operation limit temperature (***)	COPd	1.36	-
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	4.1	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 / 60	dBA				
Annual energy consumption	Q_{HE}	3714	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	130	%
Daily electricity consumption	Qelec	3.730	kWh				
Annual electricity consumption	AEC	821	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.
T 11 00 0 1 1 1 1 1 1 1 1							

The identification and signature of the person empowered to bind the 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	:	SUZ-SWM60VA			
		Indoor unit:		EHST20D-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	4.5	kW	Seasonal space heating energy efficiency	ηs	143	%
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	3.2	kW	Tj = - 7 °C	COPd	3.50	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	2.7	kW	Tj = + 2 °C	COPd	4.00	-
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	4.3	kW	Tj = bivalent temperature	COPd	2.06	-
Tj = operation limit temperature (***)	Pdh	4.3	kW	Tj = operation limit temperature (***)	COPd	2.06	-
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	4.5	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 / 60	dBA				
Annual energy consumption	Q_{HE}	3037	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	130	%
Daily electricity consumption	Qelec	3.730	kWh				
Annual electricity consumption	AEC	821	kWh				
Contact details	UNO CYCT	MEUDOSE	LTD	Namakii Baad Harris Arris (1997)	in and a Fire	54.550 O ''	
MITSUBISHI ELECTRIC AIR CODITION The identification and signature of the person				Nettlehill Road, Houston Industrial Estate, Liv	vingston, EH	o4 o⊨Q, Scotl	ana, 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-SWM60VA			
		Indoor unit:		EHST20D-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	6.0	kW	Seasonal space heating energy efficiency	ηѕ	138	%
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	-	-				
Tj = + 2 °C	Pdh	6.0	kW	Tj = + 2 °C	COPd	1.87	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	2.94	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	1.87	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	1.87	-
			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 / 60	dBA				
Annual energy consumption	Q_{HE}	2268	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	173	%
Daily electricity consumption	Qelec	2.820	kWh				
Annual electricity consumption	AEC	621	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CODITIO				Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scotl	and, U.K.
The identification and signature of the perso	n empowere	a to bind the	e supplier;	Atsushi FDAYOSHI			

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

UNITED KINGDOM

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

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

Model(s):		Outdoor unit	:	SUZ-SWM60VA			
		Indoor unit:		EHST20D-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	6.6	kW	Seasonal space heating energy efficiency	ηs	192	%
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	6.6	kW	Tj = + 2 °C	COPd	3.32	-
Degradation co-efficient (**)	Cdh	0.99	-				ı
Tj = + 7 °C	Pdh	4.2	kW	Tj = + 7 °C	COPd	4.18	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	6.45	-
Degradation co-efficient (**)	Cdh	0.95	-				ı
Tj = bivalent temperature	Pdh	6.6	kW	Tj = bivalent temperature	COPd	3.32	-
Tj = operation limit temperature (***)	Pdh	6.6	kW	Tj = operation limit temperature (***)	COPd	3.32	-
			•				•
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 / 60	dBA				
Annual energy consumption	Q_{HE}	1812	kWh				
For heat pump combination heater:				•			
Declared load profile		L		Water heating energy efficiency	ηwh	173	%
Daily electricity consumption	Qelec	2.820	kWh				=
Annual electricity consumption	AEC	621	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

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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-SWM60VA			
		Indoor unit:		ERST17D-***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	6.0	kW	Seasonal space heating energy efficiency	ηѕ	133	%
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 outdo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	5.3	kW	Tj = - 7 °C	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.2	kW	Tj = + 2 °C	COPd	3.33	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.6	kW	Tj = + 7 °C	COPd	4.48	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	2.6	kW	Tj = +12 °C	COPd	6.34	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	2.04	-
Tj = operation limit temperature (***)	Pdh	5.1	kW	Tj = operation limit temperature (***)	COPd	1.90	-
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	0.9	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	-	2070	m ³ /h
Sound power level, indoors/outdoors	L_WA	41 / 60	dBA				
Annual energy consumption	Q_HE	3638	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	144	%
Daily electricity consumption	Qelec	3.380	kWh				
Annual electricity consumption	AEC	744	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:

Atsu

Atsushi EDAYOSHI Manager, Quality Assuarance Department

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- (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.
- (***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

Model(s):		Outdoor unit	:	SUZ-SWM60VA			
		Indoor unit:		ERST17D-***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	6.6	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 outdoo	or temperatui	re Tj	
Tj = - 7 °C	Pdh	5.8	kW	Tj = - 7 °C	COPd	3.02	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.6	kW	Tj = + 2 °C	COPd	4.56	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.8	kW	Tj = + 7 °C	COPd	6.36	-
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	-				l
Tj = bivalent temperature	Pdh	5.8	kW	Tj = bivalent temperature	COPd	3.02	-
Tj = operation limit temperature (***)	Pdh	5.5	kW	Tj = operation limit temperature (***)	COPd	2.66	-
			'				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	1.1	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 / 60	dBA				•
Annual energy consumption	Q_{HE}	2876	kWh				
For heat pump combination heater:		•					
Declared load profile		L		Water heating energy efficiency	ηwh	144	%
Daily electricity consumption	Qelec	3.380	kWh				.
Annual electricity consumption	AEC	744	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	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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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-SWM60VA			
		Indoor unit:		ERST17D-***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	4.1	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	Гј			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	2.8	kW	Tj = - 7 °C	COPd	2.41	-
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		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	3.9	kW	Tj = bivalent temperature	COPd	1.36	-
Tj = operation limit temperature (***)	Pdh	3.9	kW	Tj = operation limit temperature (***)	COPd	1.36	-
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	ve mode			Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.1	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 / 60	dBA				
Annual energy consumption	Q_{HE}	3617	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	119	%
Daily electricity consumption	Qelec	4.090	kWh				
Annual electricity consumption	AEC	900	kWh				
Contact details		•					
MITSUBISHI ELECTRIC AIR CODITIO				Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scotl	and, U.K.

Atsushi EDAYOSHI

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

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

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

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

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

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

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

Model(s):		Outdoor unit	:	SUZ-SWM60VA			
		Indoor unit:		ERST17D-***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	ltem	Symbol	Value	Unit
Rated heat output (*)	Prated	4.5	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	Гј			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	3.2	kW	Tj = - 7 °C	COPd	3.43	-
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	-				
Tj = bivalent temperature	Pdh	4.3	kW	Tj = bivalent temperature	COPd	2.06	-
Tj = operation limit temperature (***)	Pdh	4.3	kW	Tj = operation limit temperature (***)	COPd	2.06	-
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 act	ve mode	•		Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.5	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 / 60	dBA				
Annual energy consumption	Q_{HE}	2943	kWh				
For heat pump combination heater:				•			
Declared load profile		L		Water heating energy efficiency	ηwh	119	%
Daily electricity consumption	Qelec	4.090	kWh				
Annual electricity consumption	AEC	900	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CODITIO				Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scotl	and, U.K.

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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

^(**) 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-SWM60VA			
		Indoor unit:		ERST17D-***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	6.0	kW	Seasonal space heating energy efficiency	ηѕ	142	%
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	-	-				
Tj = + 2 °C	Pdh	6.0	kW	Tj = + 2 °C	COPd	1.87	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	2.89	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	5.01	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	1.87	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	1.87	-
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 / 60	dBA				
Annual energy consumption	Q_{HE}	2218	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	167	%
Daily electricity consumption	Qelec	2.910	kWh				•
Annual electricity consumption	AEC	641	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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^(**) 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-SWM60VA			
		Indoor unit:		ERST17D-***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	6.6	kW	Seasonal space heating energy efficiency	ηѕ	198	%
Declared capacity for heating for part load a	at indoor			Declared coefficient of performance or primary e	nergy ratio fo	or	
temperature 20 $^{\circ}\text{C}$ and outdoor temperature	Тj		_	part load at indoor temperature 20 °C and outdo	or temperatur	re Tj	
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	6.6	kW	Tj = + 2 °C	COPd	3.32	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	4.2	kW	Tj = + 7 °C	COPd	4.12	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	6.45	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	6.6	kW	Tj = bivalent temperature	COPd	3.32	-
Tj = operation limit temperature (***)	Pdh	6.6	kW	Tj = operation limit temperature (***)	COPd	3.32	-
			_				_
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	1	1	Supplementary heater		1	Γ
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							Γ
Capacity control		variable		Rated air flow rate, outdoors	-	2070	m ³ /h
Sound power level, indoors/outdoors	L_WA	41 / 60	dBA				
Annual energy consumption	Q_{HE}	1757	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	167	%
Daily electricity consumption	Qelec	2.910	kWh				
Annual electricity consumption	AEC	641	kWh				
Contact details MITSUBISHI ELECTRIC AIR CODITION	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.

Model(s):		Outdoor unit	:	SUZ-SWM60VA			
		Indoor unit:		ERST20D-***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.			
ltem	Symbol	Value	Unit	ltem	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	133	%
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 temperatu	re Tj	
Tj = - 7 °C	Pdh	5.3	kW	Tj = - 7 °C	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.2	kW	Tj = + 2 °C	COPd	3.33	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.6	kW	Tj = + 7 °C	COPd	4.48	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	2.6	kW	Tj = +12 °C	COPd	6.34	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	2.04	-
Tj = operation limit temperature (***)	Pdh	5.1	kW	Tj = operation limit temperature (***)	COPd	1.90	-
			•				
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	0.9	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	-	2070	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 60	dBA				
Annual energy consumption	Q_{HE}	3638	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	148	%
Daily electricity consumption	Qelec	3.280	kWh				
Annual electricity consumption	AEC	723	kWh				
Contact details							
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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:

Atsushi EDAYOSHI

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):	el(s): Outdoor unit:		SUZ-SWM60VA					
		Indoor unit:		ERST20D-***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	6.6	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 temperature Tj				
Tj = - 7 °C	Pdh	5.8	kW	Tj = - 7 °C	COPd	3.02	_	
Degradation co-efficient (**)	Cdh	0.99	1 -				l	
Tj = + 2 °C	Pdh	3.6	kW	Tj = + 2 °C	COPd	4.56	-	
Degradation co-efficient (**)	Cdh	0.98	-					
Tj = + 7 °C	Pdh	2.8	kW	Tj = + 7 °C	COPd	6.36	-	
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	5.8	kW	Tj = bivalent temperature	COPd	3.02	_	
Tj = operation limit temperature (***)	Pdh	5.5	kW	Tj = operation limit temperature (***)	COPd	2.66	-	
			,				l	
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	1.1	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 / 60	dBA					
Annual energy consumption	Q_{HE}	2876	kWh					
For heat pump combination heater:				•				
Declared load profile		L		Water heating energy efficiency	ηwh	148	%	
Daily electricity consumption	Qelec	3.280	kWh				ı	
Annual electricity consumption	AEC	723	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	d 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-SWM60VA			
		Indoor unit:		ERST20D-***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				yes yes			
Item	Symbol	Value	Unit	ltem	Symbol	Value	Unit
Rated heat output (*)	Prated	4.1	kW		ηs	109	%
Declared capacity for heating for part load a	t indoor				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	2.8	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	3.9	kW	Tj = bivalent temperature	COPd	1.36	-
Tj = operation limit temperature (***)	Pdh	3.9	kW	Tj = operation limit temperature (***)	COPd	1.36	-
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	4.1	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 / 60	dBA				
Annual energy consumption	Q_{HE}	3617	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	130	%
Daily electricity consumption	Qelec	3.730	kWh				
Annual electricity consumption	AEC	821	kWh				
Contact details		•		•			
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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-SWM60VA			
		Indoor unit:		ERST20D-***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				yes no no no yes yes			
Item	Symbol	Value	Unit	ltem	Symbol	Value	Unit
Rated heat output (*)	Prated	4.5	kW		ηs	148	%
Declared capacity for heating for part load a	t indoor				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	3.2	kW	Tj = - 7 °C	COPd	3.43	-
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	-				
Tj = bivalent temperature	Pdh	4.3	kW	Tj = bivalent temperature	COPd	2.06	-
Tj = operation limit temperature (***)	Pdh	4.3	kW	Tj = operation limit temperature (***)	COPd	2.06	-
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		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	4.5	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 / 60	dBA				
Annual energy consumption	Q_{HE}	2943	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	130	%
Daily electricity consumption	Qelec	3.730	kWh				
Annual electricity consumption	AEC	821	kWh				
Contact details		•					
MITSUBISHI ELECTRIC AIR CODITIO				Nettlehill Road, Houston Industrial Estate, Liv	vingston, EH	54 5EQ, Scotl	and, U.K.

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

Atsushi EDAYOSHI

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

UNITED KINGDOM

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

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

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

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

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

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

Model(s):		Outdoor unit	:	SUZ-SWM60VA					
		Indoor unit:		ERST20D-***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	6.0	kW	Seasonal space heating energy efficiency	ηs	142	%		
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	6.0	kW	Tj = + 2 °C	COPd	1.87	-		
Degradation co-efficient (**)	Cdh	1.00	-						
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	2.89	-		
Degradation co-efficient (**)	Cdh	0.99	-						
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	5.01	-		
Degradation co-efficient (**)	Cdh	0.96	-						
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	1.87	-		
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	1.87	-		
Displays Assessment	This.] "	Occupition limit towns and up	TOL		۰.		
Bivalent temperature Reference design conditions for space	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C		
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	-	2070	m³/h		
Sound power level, indoors/outdoors	L_WA	41 / 60	dBA						
Annual energy consumption	Q_{HE}	2218	kWh						
For heat pump combination heater:									
Declared load profile		L		Water heating energy efficiency	ηwh	173	%		
Daily electricity consumption	Qelec	2.820	kWh						
Annual electricity consumption	AEC	621	kWh						
Contact details MITSUBISHI ELECTRIC AIR CODITIO	NING SYSTE	EM EUROPF	LTD.	Nettlehill Road, Houston Industrial Estate, Li	vinaston. FH	54 5EQ. Scotl	and, U.K.		
The identification and signature of the perso									
2				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-SWM60VA					
		Indoor unit:		ERST20D-***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	6.6	kW	Seasonal space heating energy efficiency	ηѕ	198	%		
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 temperature Tj					
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-		
Degradation co-efficient (**)	Cdh	-	-						
Tj = + 2 °C	Pdh	6.6	kW	Tj = + 2 °C	COPd	3.32	-		
Degradation co-efficient (**)	Cdh	0.99	-						
Tj = + 7 °C	Pdh	4.2	kW	Tj = + 7 °C	COPd	4.12	-		
Degradation co-efficient (**)	Cdh	0.99	-				•		
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	6.45	-		
Degradation co-efficient (**)	Cdh	0.95	-				•		
Tj = bivalent temperature	Pdh	6.6	kW	Tj = bivalent temperature	COPd	3.32	-		
Tj = operation limit temperature (***)	Pdh	6.6	kW	Tj = operation limit temperature (***)	COPd	3.32	-		
D. J. C.			ا ، ،		TO		۱ ، ۵		
Bivalent temperature Reference design conditions for space	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C		
heating	Tdesignh	2	°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	0.0	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 / 60	dBA						
Annual energy consumption	Q_{HE}	1757	kWh						
For heat pump combination heater:									
Declared load profile		L		Water heating energy efficiency	ηwh	173	%		
Daily electricity consumption	Qelec	2.820	kWh				-		
Annual electricity consumption	AEC	621	kWh						
Contact details MITSUBISHI ELECTRIC AIR CODITION	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 FDAYOSHI					

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