Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	EHPX-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	142	%
Declared capacity for heating for part load a	t indoor	-		Declared coefficient of performance or primary e	nergy ratio fo	r	
temperature 20 °C and outdoor temperature	Гј			part load at indoor temperature 20 °C and outdo	or temperatur	re Tj	
Tj = - 7 °C	Pdh	5.3	kW	Tj = - 7 °C	COPd	2.26	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.5	kW	Tj = + 2 °C	COPd	3.50	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.6	kW	Tj = + 7 °C	COPd	5.07	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.2	kW	Tj = +12 °C	COPd	6.81	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	2.26	-
Tj = operation limit temperature (***)	Pdh	5.2	kW	Tj = operation limit temperature (***)	COPd	2.14	-
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	0.8	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40 / 58	dBA				
Annual energy consumption	$Q_{HE}$	3428	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CODITIO	NING SYSTE	MEUROPE	LTD.	Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scotl	and, U.K.
The identification and signature of the person	n empowered	d to bind the	e supplier:	Atsushi EDAYOSHI			
ASL.				Atsusni EDAYOSHI Manager, Quality Assuarance Department			
10 cacposi	-			UNITED KINGDOM			
· Details and precautions on installation, maintena	ince and asse	embly can be	found in the				

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

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

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

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

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	EHPX-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	190	%
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	5.3	kW	Tj = - 7 °C	COPd	3.40	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	4.1	kW	Tj = + 2 °C	COPd	4.74	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	3.3	kW	Tj = + 7 °C	COPd	6.36	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	3.1	kW	Tj = +12 °C	COPd	8.86	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	3.40	-
Tj = operation limit temperature (***)	Pdh	5.2	kW	Tj = operation limit temperature (***)	COPd	3.02	-
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	0.8	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	Р <sub>ск</sub>	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	$L_WA$	40 / 58	dBA				
Annual energy consumption	$Q_{HE}$	2564	kWh				
For heat pump combination heater:				-			
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details							
				Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scotl	and, U.K.
The identification and signature of the person The signature is signed in the average clim	·			Atsushi EDAYOSHI Manager, Quality Assuarance Department UNITED KINGDOM			
<ul> <li>Details and precautions on installation, maintena</li> <li>Details and precautions on recycling and/or dis</li> </ul>		•					

(\*) 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.

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	EHPX-***D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		colder climate conditions.

			Unit
ace heating ency	ηs	127	%
of performance or primary e	energy ratio fo	r	
emperature 20 °C and outdo	or temperatur	e Tj	
	COPd	2.94	-
	COPd	3.70	-
	COPd	4.73	-
	I		
	COPd	7.06	-
perature	COPd	2.13	-
nit temperature (***)	COPd	1.67	-
OL < − 20 °C)	COPd	-	-
temperature	TOL	-20	°C
operating limit temperature	WTOL	60	°C
ter			
out (*)	Psup	5.0	kW
input		Electrical	
	•		
rate, outdoors	-	2660	m³/h
energy efficiency	ηwh	-	%
Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	and, U.K.
suarance Department			
	ssuarance Department	eration manuals.	eration manuals.

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.

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	EHPX-***D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		colder climate conditions.

Rated heat cuput (1)Prated4.4KWSeasonal space heating angey efficiencyns106%Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature 7 iindoor part load at indoorindoor temperature 7 iindoor temper	Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
temperature 20 °C and outdoor temperature T iTj = -7 °CPdh4.0Degradation co-efficient (*')Cdh0.99Tj = + 2 °CPdh3.0KWTj = + 2 °CCOPdJ = + 2 °CPdh3.8KWTj = + 7 °CCOPdDegradation co-efficient (*')Cdh0.98T = + 12 °CPdh3.8KWTj = + 7 °CCOPdDegradation co-efficient (*')Cdh0.98T = + 12 °CPdh3.6KWTj = + 12 °CCOPdDegradation co-efficient (*')Cdh0.97T = + 12 °CPdh3.6KWTj = + 12 °CCOPdDegradation co-efficient (*')Cdh0.97T = + 15 °C (if TOL < - 20 °C)	Rated heat output (*)	Prated	4.4	kW		ηs	166	%
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Declared capacity for heating for part load a	at indoor			Declared coefficient of performance or primary e	nergy ratio fo	or	
Degradation coefficient (")Cch0.99-Tj = + 2 "CPdh3.9KWTj = + 2 "CCOPd4.75Degradation coefficient (")Cch0.98-Tj = + 7 "CCOPd5.70-Degradation coefficient (")Cch0.98-Tj = + 7 "CCOPd5.70-Degradation coefficient (")Cch0.98-Tj = + 7 "CCOPd5.70-Tj = + 12 "CPdh3.8KWTj = + 7 "CCOPd5.18-Degradation coefficient (")Cch0.97Tj = bivalent temperaturePdh4.2KWTj = bivalent temperatureCOPd2.31-Tj = operation limit temperature (")Pdh-KWTj = coperation limit temperature (")COPdTj = 15 "C (f TOL < 20 "C)	temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdo	or temperatu	re Tj	
T = - 2 °CPdh3.9KWT = + 2 °CCOPd4.75.Degradation coefficient (**)Cdh0.98-T = + 7 °CCOPd5.70.Degradation coefficient (**)Cdh0.99-T = + 7 °CCOPd5.70.T = + 12 °CPdh3.8KWT = + 7 °CCOPd8.18.Degradation coefficient (**)Cdh0.97-T = + 12 °CCOPd2.31.T = -15 °C (17 CU < - 20 °C)	Tj = - 7 °C	Pdh	4.0	kW	Tj = - 7 °C	COPd	4.10	-
Degradation coefficient (")Cdh0.98.Tj =+ 7 °CPdh3.8KWTj =+ 7 °CCOPd5.70Degradation coefficient (")Cdh0.98.Tj =+ 12 °CCOPd5.70Tj = 12 °CPdh3.6KWTj = + 12 °CCOPd8.18Degradation coefficient (")Cdh0.97Tj = bivalent temperaturePdh4.2KWTj = operation limit temperatureCOPd2.31Tj = operation limit temperaturePdh4.2KWTj = operation limit temperatureCOPd2.31Tj = -15 °C (ft TOL < - 20 °C)	Degradation co-efficient (**)	Cdh	0.99	-				
T j = + 7 °CPdh3.8KWT j = + 7 °CCOPd5.70.Degradation coefficient (*)Cdh0.98	Tj = + 2 °C	Pdh	3.9	kW	Tj = + 2 °C	COPd	4.75	-
Degradation co-efficient (*)Cdh0.98.Tj = +12 °CPdh3.6KWTj = +12 °CCOPd8.18Degradation co-efficient (*)Cdh0.97Tj = bivalent temperaturePdh4.2KWTj = bivalent temperatureCOPd2.31Tj = operation limit temperature (**)Pdh4.2KWTj = operation limit temperature (**)COPd2.31Tj = 15 °C (tT CL < - 20 °C)	Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °CPdh3.6KWTj = +12 °CCOPd8.18-Degradation co-efficient (**)Cdh0.97Tj = bivalent temperatureCOPd2.31-Tj = operation limit temperature (***)Pdh4.2KWTj = operation limit temperature (***)COPd2.31-Tj = operation limit temperature (***)Pdh4.2KWTj = operation limit temperature (***)COPd2.31-Tj = operation limit temperature (***)Pdh4.2KWTj = operation limit temperature (***)COPd2.31-Tj = operation limit temperatureTbiv-20°COperation limit temperature (***)COPd0.01-Bivalent temperatureTbiv-20°CPoeration limit temperatureTOL-20°CPower consumption in modes other than active mode-Supplementary heaterSupplementary heaterOff modePoer0.015KWRated heat output (*)Psup4.4KWThemostat-off modePoer0.005KWRated air flow rate, outdoors-2660m*/rhStandby modePoeration2570KWhStandby modeLwa40 / 58dBAAnnual energy consumption-2660m*/rhSund power level, indoorsioutdoorsLwa40 / 58dBA2660m*/rhDeclared load profile2660m*/rh<	Tj = + 7 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	5.70	-
Degradation co-efficient (**)Cdh0.97-Tj = bivalent temperaturePdh4.2KWTj = bivalent temperatureCOPd2.31Tj = operation limit temperature (***)Pdh4.2KWTj = operation limit temperature (***)COPd2.31Tj = -15 °C (if TOL < -20 °C)	Degradation co-efficient (**)	Cdh	0.98	-				
Tj = bivalent temperaturePdh4.2KWTj = operation limit temperature (***)Pdh4.2KWTj = operation limit temperature (***)Pdh4.2KWTj = -15 °C (if TOL < -20 °C)	Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	8.18	-
Tj = operation limit temperature (***)Pdh4.2KWTj = operation limit temperature (***)COPd2.31-Tj = -15 °C (If TOL < -20 °C)	Degradation co-efficient (**)	Cdh	0.97	-				
Tj = -15 °C (if TOL < - 20 °C)Pdh-KWTj = -15 °C (if TOL < - 20 °C)COPdBivalent temperatureTbiv-20°C°COperation limit temperatureTOL-20°CReference design conditions for space heatingTdesignh-22°CHeating water operating limit temperatureWTOL60°CPower consumption in modes other than active modeSupplementary heaterSupplementary heaterSupplementary heater60°COff modePorr To0.015KWRated heat output (*)Psup4.4kWThermosta-off modePorr To0.015kWType of energy inputElectricalOther itemsCrankcase heater modePorr To0.015kWType of energy inputElectricalCapacity controlvariablekWKWPorr2660m³/hSound power level, indoors/outdoorsL <sub>WA</sub> 40 / 58dBAAnnual energy consumption-2660m³/hDeclared load profileWater heating energy efficiencynwh-%Daily electricity consumptionQelec-kWhNetthelil Road, Houston Industrial Estate, Livingston, EH54 5EQ, Scotland, U.K.The identification and signature of the person empowered to bind the supplier; The identification and signature of the person empowered to bind the supplier;Assusi EDAYOSHIThe signature is signed in the average climate / medium-temperature section.Manager, Quality Assuarance Department	Tj = bivalent temperature	Pdh	4.2	kW	Tj = bivalent temperature	COPd	2.31	-
Bivalent temperature       Toiv       -20       °C       Operation limit temperature       TOL       -20       °C         Reference design conditions for space       Tdesignh       -22       °C       Heating water operating limit temperature       WTOL       60       °C         Power consumption in modes other than active mode       Supplementary heater       Supplementary heater       Supplementary heater       Rated heat output (°)       Psup       4.4       KW         Thermostat-off mode       Por       0.015       KW       Type of energy input       Electrical       Electrical         Crankcase heater mode       Pox       0.000       KW       Type of energy input       Electrical       m <sup>3</sup> /n         Sound power level, indoors/outdoors       L <sub>WA</sub> 40 / 58       dBA       Annual energy consumption       Qelec       -       kWh         Poilay electricity consumption       Qelec       -       kWh       Water heating energy efficiency       myh       -       %         MITSUBISH 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;       Manager, Quality Assurance Department       Manager, Quality Assurance Department	Tj = operation limit temperature (***)	Pdh	4.2	kW	Tj = operation limit temperature (***)	COPd	2.31	-
Reference design conditions for space heating       Tdesignh       -22       °C       Heating water operating limit temperature       WTOL       60       °C         Power consumption in modes other than active mode        Supplementary heater       Supplementary heater       Supplementary heater       Rated near output (*)       Psup       4.4       KW         Off mode       Proper       0.015       KW       Rated heat output (*)       Psup       4.4       KW         Standby mode       Pas       0.015       KW       Type of energy input       Electrical       Electrical       Contact (*)       Material (*)	Tj = − 15 °C (if TOL < − 20 °C)	Pdh	-	kW	Tj = − 15 °C (if TOL < − 20 °C)	COPd	-	-
heating       122       'C       Heating water operating limit temperature       W1OL       60       'C         Power consumption in modes other than active mode       Supplementary heater       Supplementary heater       Supplementary heater       Supplementary heater         Off mode       PorF       0.015       kW       Rated heat output (*)       Psup       4.4       kW         Thermostat-off mode       PorF       0.015       kW       Type of energy input       Electrical       Electrical         Crankcase heater mode       PorK       0.000       kW       Type of energy input       Electrical       Material         Other items       Capacity control       variable       Rated air flow rate, outdoors       -       2660       m³/h         Sound power level, indoors/outdoors       LwA       40/58       dBA       Annual energy consumption       QHE       2570       kWh       Mater heating energy efficiency       nwh       -       %         Declared load profile       -       When heating energy efficiency       nwh       -       %         Contact details       MisuBISHI 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;	Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
Off mode     POFF     0.015     kW       Thermostat-off mode     PTO     0.015     kW       Standby mode     P3B     0.015     kW       Crankcase heater mode     PCK     0.000     kW       Other items     Capacity control     variable       Capacity control     variable     Rated air flow rate, outdoors     2660       Sound power level, indoors/outdoors     LVA     40 / 58     dBA       Annual energy consumption     Q <sub>HE</sub> 2570     kWh       For heat pump combination heater:     Declared load profile     -     Water heating energy efficiency     nwh     -       Daily electricity consumption     Qelec     -     kWh     Annual electricity consumption     AEC     -       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	•	Tdesignh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Thermostat-off mode     P <sub>TO</sub> 0.015     kW     Type of energy input     Electrical       Standby mode     P <sub>SB</sub> 0.015     kW     Type of energy input     Electrical       Crankcase heater mode     P <sub>CK</sub> 0.000     kW     Type of energy input     Electrical       Other items     Capacity control     variable     Rated air flow rate, outdoors     -     2660     m³/h       Sound power level, indoors/outdoors     L <sub>WA</sub> 40 / 58     dBA     Annual energy consumption     QHE     2570     kWh       For heat pump combination heater:     Declared load profile     -     Water heating energy efficiency     nwh     -       Declared load profile     -     kWh     KWh     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       The signature is signed in the average climate / medium-temperature section.     Manager, Quality Assuarance Department	Power consumption in modes other than act	tive mode			Supplementary heater			
Standby mode       P <sub>SB</sub> 0.015       kW       Type of energy input       Electrical         Crankcase heater mode       P <sub>CK</sub> 0.000       kW       Type of energy input       Electrical         Other items       Capacity control       variable       Rated air flow rate, outdoors       -       2660       m³/h         Sound power level, indoors/outdoors       L <sub>WA</sub> 40 / 58       dBA       Annual energy consumption       Q <sub>HE</sub> 2570       kWh       For heat pump combination heater:       Variable	Off mode	P <sub>OFF</sub>	0.015	kW	Rated heat output (*)	Psup	4.4	kW
Crankcase heater mode       PCK       0.000       kW         Other items       Other items       Capacity control       variable       Rated air flow rate, outdoors       -       2660       m³/h         Sound power level, indoors/outdoors       L <sub>WA</sub> 40 / 58       dBA       Annual energy consumption       QHE       2570       kWh       Procession       P	Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Other items       Capacity control       variable       Rated air flow rate, outdoors       -       2660       m³/h         Sound power level, indoors/outdoors       L <sub>WA</sub> 40 / 58       dBA       Annual energy consumption       -       2660       m³/h         Annual energy consumption       Q <sub>HE</sub> 2570       kWh       -       -       0         For heat pump combination heater:       -       Declared load profile       -       -       Water heating energy efficiency       nwh       -       %         Daily electricity consumption       Qelec       -       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	Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Capacity control       variable       Rated air flow rate, outdoors       2660       m³/h         Sound power level, indoors/outdoors       L <sub>WA</sub> 40 / 58       dBA       dBA       -       2660       m³/h         Annual energy consumption       Q <sub>HE</sub> 2570       kWh       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       %       -       -       %       -       -       %       -       -       %       -       -       %       -       -       %       -       -       %       -       -       %       -       -       %       -       -       %       - <t< td=""><td>Crankcase heater mode</td><td>Р<sub>ск</sub></td><td>0.000</td><td>kW</td><td></td><td></td><td></td><td></td></t<>	Crankcase heater mode	Р <sub>ск</sub>	0.000	kW				
Sound power level, indoors/outdoors       L <sub>WA</sub> 40 / 58       dBA         Annual energy consumption       Q <sub>HE</sub> 2570       kWh         For heat pump combination heater:	Other items							
Annual energy consumption       Q <sub>HE</sub> 2570       kWh         For heat pump combination heater:	Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
For heat pump combination heater:	Sound power level, indoors/outdoors	L <sub>WA</sub>	40 / 58	dBA				
Declared load profile       -       -       Water heating energy efficiency       nwh       -       %         Daily electricity consumption       Qelec       -       kWh       -       %         Annual electricity consumption       AEC       -       kWh       -       %         Contact details       -       kWh       -       *       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         The signature is signed in the average climate / medium-temperature section.       Manager, Quality Assuarance Department	Annual energy consumption	$Q_{HE}$	2570	kWh				
Daily electricity consumption       Qelec       -       kWh         Annual electricity consumption       AEC       -       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         The signature is signed in the average climate / medium-temperature section.       Manager, Quality Assuarance Department	For heat pump combination heater:							
Annual electricity consumption       AEC       -       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         The signature is signed in the average climate / medium-temperature section.       Manager, Quality Assuarance Department	Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Contact details MITSUBISHI ELECTRIC AIR CODITIONING SYSTEM EUROPE LTD. The identification and signature of the person empowered to bind the supplier; The signature is signed in the average climate / medium-temperature section. Manager, Quality Assuarance Department	Daily electricity consumption	Qelec	-	kWh				
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; The signature is signed in the average climate / medium-temperature section. Manager, Quality Assuarance Department	Annual electricity consumption	AEC	-	kWh				
The identification and signature of the person empowered to bind the supplier; The signature is signed in the average climate / medium-temperature section. Manager, Quality Assuarance Department	Contact details			II				
Atsushi EDAYOSHI         The signature is signed in the average climate / medium-temperature section.         Manager, Quality Assuarance Department	MITSUBISHI ELECTRIC AIR CODITIC	NING SYSTE	M EUROPE	LTD.	Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	and, U.K.
The signature is signed in the average climate / medium-temperature section. Manager, Quality Assuarance Department	The identification and signature of the perso	on empowered	d to bind the	e supplier;				
UNITED KINGDOM	The signature is signed in the average clin	nate / mediu	n-temperati	ure section.	Manager, Quality Assuarance Department			
Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.				farmed 1 th				
	(*) For heat pump space heaters and heat pump				put 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.

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	EHPX-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	154	%
Declared capacity for heating for part load a	at indoor	-		Declared coefficient of performance or primary e	energy ratio fo	or	
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	6.0	kW	Tj = + 2 °C	COPd	1.85	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	3.30	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	3.4	kW	Tj = +12 °C	COPd	5.76	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	1.85	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	1.85	-
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	2	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than act	ive mode			Supplementary heater			
Off mode	$P_{OFF}$	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	Р <sub>ск</sub>	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40 / 58	dBA				
Annual energy consumption	$Q_{HE}$	2046	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details MITSUBISHI ELECTRIC AIR CODITIO	NING SYSTE	M EUROPE	LTD.	Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scotl	and, U.K.
The identification and signature of the person	n empowered	d to bind the	e supplier;				
The signature is signed in the average clim	nate / mediu	n-temperatu	ure section.	Atsushi EDAYOSHI Manager, Quality Assuarance Department UNITED KINGDOM			
Details and precautions on installation, maintena     Details and precautions on recycling and/or dis		•					

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

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

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

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	EHPX-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

onal space heating y efficiency efficient of performance or primary endoor temperature 20 °C and outdo C °C °C °C ent temperature ation limit temperature (***) n limit temperature water operating limit temperature ary heater	COPd COPd COPd COPd COPd COPd COPd COPd	re Tj - 3.75 4.84 7.60 3.75 3.75 -20 60	% - - - - - - - - - - - - - -
ndoor temperature 20 °C and outdo °C °C °C ent temperature ation limit temperature (***) n limit temperature water operating limit temperature	COPd COPd COPd COPd COPd COPd COPd COPd	re Tj - 3.75 4.84 7.60 3.75 3.75 -20 60	°C
°C °C ent temperature ation limit temperature (***) n limit temperature water operating limit temperature	COPd COPd COPd COPd COPd COPd COPd TOL WTOL	- 3.75 4.84 7.60 3.75 3.75 3.75 -20 60	°C
°C °C °C ent temperature ation limit temperature (***) n limit temperature water operating limit temperature	COPd COPd COPd COPd COPd TOL WTOL	3.75         4.84         7.60         3.75         3.75         -20         60	°C
°C °C ent temperature ation limit temperature (***) n limit temperature water operating limit temperature	COPd COPd COPd COPd TOL WTOL	4.84 7.60 3.75 3.75 -20 60	°C
°C °C ent temperature ation limit temperature (***) n limit temperature water operating limit temperature	COPd COPd COPd COPd TOL WTOL	4.84 7.60 3.75 3.75 -20 60	°C
°C ent temperature ation limit temperature (***) n limit temperature water operating limit temperature	COPd COPd COPd TOL WTOL	7.60 3.75 3.75 -20 60	°C
°C ent temperature ation limit temperature (***) n limit temperature water operating limit temperature	COPd COPd COPd TOL WTOL	7.60 3.75 3.75 -20 60	°C
ent temperature ation limit temperature (***) n limit temperature water operating limit temperature	COPd COPd TOL WTOL	3.75 3.75 -20 60	°C
ent temperature ation limit temperature (***) n limit temperature water operating limit temperature	COPd COPd TOL WTOL	3.75 3.75 -20 60	°C
ation limit temperature (***) n limit temperature water operating limit temperature	COPd TOL WTOL	3.75 -20 60	°C
ation limit temperature (***) n limit temperature water operating limit temperature	COPd TOL WTOL	3.75 -20 60	°C
n limit temperature water operating limit temperature	TOL WTOL	-20 60	°C
water operating limit temperature	WTOL	60	°C
water operating limit temperature	WTOL	60	°C
ary heater			
eat output (*)	Psup	0.0	kW
energy input		Electrical	
r flow rate, outdoors	-	2660	m³/h
eating energy efficiency	ηwh	-	%
Road, Houston Industrial Estate, Li	ivingston, EH	54 5EQ, Scot	and, U.K.
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	YOSHI uality Assuarance Department IGDOM	eating energy efficiency ηwh I Road, Houston Industrial Estate, Livingston, EH NYOSHI uality Assuarance Department	eating energy efficiency ηwh Road, Houston Industrial Estate, Livingston, EH54 5EQ, Scott NYOSHI uality Assuarance Department IGDOM

(\*) 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.

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	EHPX-MED
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	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	Тј			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	5.3	kW	Tj = - 7 °C	COPd	2.26	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.5	kW	Tj = + 2 °C	COPd	3.50	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.6	kW	Tj = + 7 °C	COPd	5.07	-
Degradation co-efficient (**)	Cdh	0.98	-			I	
Tj = +12 °C	Pdh	3.2	kW	Tj = +12 °C	COPd	6.81	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	2.26	-
Tj = operation limit temperature (***)	Pdh	5.2	kW	Tj = operation limit temperature (***)	COPd	2.14	-
	I		1				
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	-10	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than act	ive mode			Supplementary heater			
Off mode	P <sub>OFF</sub>	0.015	kW	Rated heat output (*)	Psup	0.8	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	Р <sub>ск</sub>	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40 / 58	dBA				
Annual energy consumption	$Q_{HE}$	3428	kWh				
For heat pump combination heater:			•				
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CODITIO	NING SYSTE	M EUROPE	LTD.	Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scotl	land, U.K.
The identification and signature of the person	n empowered	d to bind the	e supplier:				
15/				Atsushi EDAYOSHI			
N. cdapski	-			Manager, Quality Assuarance Department UNITED KINGDOM			
Details and precautions on installation, maintena	ance and asse	embly can be	found in the				

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

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

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

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

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	EHPX-MED
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	190	%	
Declared capacity for heating for part load a	t indoor			Declared coefficient of performance or primary energy ratio for				
temperature 20 °C and outdoor temperature	Тј			part load at indoor temperature 20 °C and outdo	or temperatu	re Tj		
Tj = - 7 °C	Pdh	5.3	kW	Tj = - 7 °C	COPd	3.40	-	
Degradation co-efficient (**)	Cdh	0.99	-					
Tj = + 2 °C	Pdh	4.1	kW	Tj = + 2 °C	COPd	4.74	-	
Degradation co-efficient (**)	Cdh	0.98	-					
Tj = + 7 °C	Pdh	3.3	kW	Tj = + 7 °C	COPd	6.36	-	
Degradation co-efficient (**)	Cdh	0.97	-					
Tj = +12 °C	Pdh	3.1	kW	Tj = +12 °C	COPd	8.86	-	
Degradation co-efficient (**)	Cdh	0.96	-					
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	3.40	-	
Tj = operation limit temperature (***)	Pdh	5.2	kW	Tj = operation limit temperature (***)	COPd	3.02	-	
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	0.8	kW	
Thermostat-off mode	P <sub>TO</sub>	0.015	kW					
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical		
Crankcase heater mode	Р <sub>ск</sub>	0.000	kW					
Other items								
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h	
Sound power level, indoors/outdoors	$L_WA$	40 / 58	dBA					
Annual energy consumption	$Q_{HE}$	2564	kWh					
For heat pump combination heater:				-				
Declared load profile		-		Water heating energy efficiency	ηwh	-	%	
Daily electricity consumption	Qelec	-	kWh					
Annual electricity consumption	AEC	-	kWh					
Contact details								
				Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scotl	and, U.K.	
The identification and signature of the person empowered to bind the supplier; The signature is signed in the average climate / medium-temperature section.				Atsushi EDAYOSHI Manager, Quality Assuarance Department UNITED KINGDOM				
<ul> <li>Details and precautions on installation, maintena</li> <li>Details and precautions on recycling and/or dis</li> </ul>		•						

(\*) 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.

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	EHPX-MED
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		colder climate conditions.

			Unit
ace heating ency	ηs	127	%
of performance or primary e	energy ratio fo	r	
emperature 20 °C and outdo	or temperatur	e Tj	
	COPd	2.94	-
	COPd	3.70	-
	COPd	4.73	-
	I		
	COPd	7.06	-
perature	COPd	2.13	-
nit temperature (***)	COPd	1.67	-
OL < − 20 °C)	COPd	-	-
temperature	TOL	-20	°C
operating limit temperature	WTOL	60	°C
ter			
out (*)	Psup	5.0	kW
input		Electrical	
	•		
rate, outdoors	-	2660	m³/h
energy efficiency	ηwh	-	%
Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	and, U.K.
suarance Department			
Suarance Department			
	ssuarance Department	eration manuals.	eration manuals.

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.

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	EHPX-MED
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.4	kW	Seasonal space heating energy efficiency	ηs	166	%
Declared capacity for heating for part load a	t indoor			Declared coefficient of performance or primary e	nergy ratio fo	r	
temperature 20 °C and outdoor temperature -	Гј			part load at indoor temperature 20 °C and outdo	or temperatu	e Tj	
Tj = - 7 °C	Pdh	4.0	kW	Tj = - 7 °C	COPd	4.10	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 2 °C	COPd	4.75	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	5.70	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	8.18	-
Degradation co-efficient (**)	Cdh	0.97	-			L	
Tj = bivalent temperature	Pdh	4.2	kW	Tj = bivalent temperature	COPd	2.31	-
Tj = operation limit temperature (***)	Pdh	4.2	kW	Tj = operation limit temperature (***)	COPd	2.31	-
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 <sub>OFF</sub>	0.015	kW	Rated heat output (*)	Psup	4.4	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	P <sub>SB</sub>	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	Р <sub>ск</sub>	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40 / 58	dBA				
Annual energy consumption	Q <sub>HE</sub>	2570	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CODITIO				Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	and, U.K.
The identification and signature of the person	n empowered	I to bind the	e supplier;	Atsushi EDAYOSHI			
The signature is signed in the average clim	ate / mediur	n-temperatu	ure section.	Manager, Quality Assuarance Department UNITED KINGDOM			
The signature is signed in the average clim • Details and precautions on installation, maintena • Details and precautions on recycling and/or dis	nce and asse	embly can be	found in the	Manager, Quality Assuarance Department UNITED KINGDOM installation and or operation manuals.			

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

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

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	EHPX-MED
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	154	%	
Declared capacity for heating for part load a	at indoor	-		Declared coefficient of performance or primary energy ratio for				
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	6.0	kW	Tj = + 2 °C	COPd	1.85	-	
Degradation co-efficient (**)	Cdh	1.00	-					
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	3.30	-	
Degradation co-efficient (**)	Cdh	0.99	-					
Tj = +12 °C	Pdh	3.4	kW	Tj = +12 °C	COPd	5.76	-	
Degradation co-efficient (**)	Cdh	0.98	-					
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	1.85	-	
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	1.85	-	
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C	
Reference design conditions for space heating	Tdesignh	2	°C	Heating water operating limit temperature	WTOL	60	°C	
Power consumption in modes other than act	ive mode			Supplementary heater				
Off mode	$P_{OFF}$	0.015	kW	Rated heat output (*)	Psup	0.0	kW	
Thermostat-off mode	P <sub>TO</sub>	0.015	kW					
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical		
Crankcase heater mode	Р <sub>ск</sub>	0.000	kW					
Other items								
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h	
Sound power level, indoors/outdoors	L <sub>WA</sub>	40 / 58	dBA					
Annual energy consumption	$Q_{HE}$	2046	kWh					
For heat pump combination heater:								
Declared load profile		-		Water heating energy efficiency	ηwh	-	%	
Daily electricity consumption	Qelec	-	kWh					
Annual electricity consumption	AEC	-	kWh					
Contact details MITSUBISHI ELECTRIC AIR CODITIO	NING SYSTE	M EUROPE	LTD.	Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scotl	and, U.K.	
The identification and signature of the person	n empowered	d to bind the	e supplier;					
The signature is signed in the average climate / medium-temperature section.			ure section.	Atsushi EDAYOSHI Manager, Quality Assuarance Department UNITED KINGDOM				
Details and precautions on installation, maintena     Details and precautions on recycling and/or dis		•						

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

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

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

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	EHPX-MED
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	218	%	
Declared capacity for heating for part load a	at indoor			Declared coefficient of performance or primary energy ratio for				
temperature 20 °C and outdoor temperature	Тј			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	3.75	-	
Degradation co-efficient (**)	Cdh	0.99	-					
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	4.84	-	
Degradation co-efficient (**)	Cdh	0.98	-					
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	7.60	-	
Degradation co-efficient (**)	Cdh	0.97	-					
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	3.75	-	
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	3.75	-	
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 <sub>TO</sub>	0.015	kW					
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical		
Crankcase heater mode	P <sub>CK</sub>	0.000	kW					
Other items								
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h	
Sound power level, indoors/outdoors	$L_{WA}$	40 / 58	dBA					
Annual energy consumption	$Q_{HE}$	1453	kWh					
For heat pump combination heater:								
Declared load profile		-		Water heating energy efficiency	ηwh	-	%	
Daily electricity consumption	Qelec	-	kWh					
Annual electricity consumption	AEC	-	kWh					
Contact details MITSUBISHI ELECTRIC AIR CODITIO	NING SYSTE		LTD.	Nettlehill Road, Houston Industrial Estate, Li	vinaston. EH	54 5EQ. Scotl	and. U.K.	
The identification and signature of the person						-,		
The signature is signed in the average climate / medium-temperature section.			Atsushi EDAYOSHI Manager, Quality Assuarance Department UNITED KINGDOM					
<ul> <li>Details and precautions on installation, maintena</li> <li>Details and precautions on recycling and/or dis</li> </ul>		•		·				

(\*) 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.

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	ERPX-***D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	145	%
Declared capacity for heating for part load a	t indoor	-		Declared coefficient of performance or primary e	nergy ratio fo	r	
temperature 20 °C and outdoor temperature	Гј			part load at indoor temperature 20 °C and outdo	or temperatur	re Tj	
Tj = - 7 °C	Pdh	5.3	kW	Tj = - 7 °C	COPd	2.26	-
Degradation co-efficient (**)	Cdh	0.99	- 1				
Tj = + 2 °C	Pdh	3.5	kW	Tj = + 2 °C	COPd	3.56	-
Degradation co-efficient (**)	Cdh	0.99	- 1				
Tj = + 7 °C	Pdh	3.6	kW	Tj = + 7 °C	COPd	5.07	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.2	kW	Tj = +12 °C	COPd	6.81	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	2.26	-
Tj = operation limit temperature (***)	Pdh	5.2	kW	Tj = operation limit temperature (***)	COPd	2.14	-
			-				
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	0.8	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				
Other items							
Capacity control		variable	-	Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	$L_WA$	40 / 58	dBA				
Annual energy consumption	$Q_{HE}$	3344	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CODITIO				Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scotl	and, U.K.
The identification and signature of the person	n empowered	to bind the	e supplier:	Atsushi EDAYOSHI			
ASL.				Manager, Quality Assuarance Department			
1 - uapsi	-			UNITED KINGDOM			
· Details and precautions on installation, maintena	ince and asse	embly 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.

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	ERPX-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		average climate conditions.

Item Symbol Value U	Item	Symbol	Value	Unit
ed heat output (*) Prated 6.0 k	Seasonal space heating energy efficiency	ηs	197	%
ed capacity for heating for part load at indoor	Declared coefficient of performance or primary energy	ergy ratio fo	or	
ature 20 $^\circ\text{C}$ and outdoor temperature T j	part load at indoor temperature 20 °C and outdoor	temperatur	re Tj	
-7 °C Pdh 5.3 k	Tj = - 7 °C	COPd	3.40	-
Degradation co-efficient (**) Cdh 0.99				
+ 2 °C Pdh 4.1 k	Tj = + 2 °C	COPd	4.84	-
Degradation co-efficient (**) Cdh 0.98				
+ 7 °C Pdh 3.3 k	Tj = + 7 °C	COPd	6.35	-
Degradation co-efficient (**) Cdh 0.97				
+12 °C Pdh 3.1 k	Tj = +12 °C	COPd	8.86	-
Degradation co-efficient (**) Cdh 0.96				
bivalent temperature Pdh 5.3 k	Tj = bivalent temperature	COPd	3.40	-
operation limit temperature (***) Pdh 5.2 k	Tj = operation limit temperature (***)	COPd	3.02	-
alent temperature Tbiv -7	Operation limit temperature	TOL	-20	°C
erence design conditions for space Tdesignh -10	Heating water operating limit temperature	WTOL	60	°C
consumption in modes other than active mode	Supplementary heater			
mode P <sub>OFF</sub> 0.015 k	Rated heat output (*)	Psup	0.8	kW
rmostat-off mode P <sub>TO</sub> 0.015 k				
ndby mode P <sub>SB</sub> 0.015 k	Type of energy input		Electrical	
nkcase heater mode P <sub>CK</sub> 0.000 k				
tems				
variable variable	Rated air flow rate, outdoors	-	2660	m³/h
nd power level, indoors/outdoors $L_{WA}$ 40 / 58 d				
ual energy consumption Q <sub>HE</sub> 2484 k <sup>4</sup>				
at pump combination heater:				
lared load profile -	Water heating energy efficiency	ηwh	-	%
y electricity consumption Qelec - k				
ual electricity consumption AEC - k				
t details				
MITSUBISHI ELECTRIC AIR CODITIONING SYSTEM EUROPE LTD.	Nettlehill Road, Houston Industrial Estate, Livir	ngston, EH	54 5EQ, Scotla	and, U.K.
entification and signature of the person empowered to bind the support of the support of the average climate / medium-temperature se	Atsushi EDAYOSHI			
t details MITSUBISHI ELECTRIC AIR CODITIONING SYSTEM EUROPE LTD. entification and signature of the person empowered to bind the supp	r; Atsushi EDAYOSHI on. Manager, Quality Assuarance Department UNITED KINGDOM the installation and or operation manuals. the installation and or operation manuals.	ngs	ston, EH	ston, EH54 5EQ, Scotl

(\*) 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.

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	ERPX-***D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	5.0	kW	Seasonal space heating energy efficiency	ηs	130	%
Declared capacity for heating for part load a	at indoor	1	1	Declared coefficient of performance or primary e	energy ratio fo	or	
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	3.5	kW	Tj = - 7 °C	COPd	3.02	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.6	kW	Tj = + 2 °C	COPd	3.80	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	3.5	kW	Tj = + 7 °C	COPd	4.73	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	7.06	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	4.1	kW	Tj = bivalent temperature	COPd	2.13	-
Tj = operation limit temperature (***)	Pdh	4.7	kW	Tj = operation limit temperature (***)	COPd	1.67	-
Tj = − 15 °C (if TOL < − 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-15	°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 <sub>OFF</sub>	0.015	kW	Rated heat output (*)	Psup	5.0	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40 / 58	dBA				
Annual energy consumption	$Q_{HE}$	3697	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CODITIO				Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	land, U.K.
The identification and signature of the person	n empowered	d to bind the	e supplier;				
The signature is signed in the average clim	nate / mediu	m-temperati	ure section.	Atsushi EDAYOSHI Manager, Quality Assuarance Department UNITED KINGDOM			
<ul> <li>Details and precautions on installation, maintena</li> <li>Details and precautions on recycling and/or dis</li> <li>(*) For heat pump space heaters and heat pump</li> </ul>	posal at end-	of-life can be	found in the	•			

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.

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	ERPX-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.4	kW	Seasonal space heating energy efficiency	ηs	173	%
Declared capacity for heating for part load a	at indoor			Declared coefficient of performance or primary e	energy ratio fo	or	
temperature 20 °C and outdoor temperature	Тј			part load at indoor temperature 20 °C and outdo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	4.0	kW	Tj = - 7 °C	COPd	4.20	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 2 °C	COPd	4.95	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	5.85	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	8.18	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	4.2	kW	Tj = bivalent temperature	COPd	2.31	-
Tj = operation limit temperature (***)	Pdh	4.2	kW	Tj = operation limit temperature (***)	COPd	2.31	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than act	tive mode			Supplementary heater		•	
Off mode	P <sub>OFF</sub>	0.015	kW	Rated heat output (*)	Psup	4.4	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40 / 58	dBA				
Annual energy consumption	$Q_{HE}$	2469	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details MITSUBISHI ELECTRIC AIR CODITIC	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 empowered	d to bind the	e supplier;				
The signature is signed in the average clin	nate / mediu	m-temperati	ure section.	Atsushi EDAYOSHI Manager, Quality Assuarance Department UNITED KINGDOM			
Details and precautions on installation, maintena	ance and ass	embly can be	found in the				
· Details and precautions on recycling and/or dis	sposal at end- p combination	of-life can be heaters, the	e found in the rated heat out	installation and or operation manuals. put 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.

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	ERPX-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	158	%
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	Тј			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	1.85	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	3.25	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	3.4	kW	Tj = +12 °C	COPd	5.76	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	1.85	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	1.85	-
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	2	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than act	ive mode			Supplementary heater			
Off mode	$P_{OFF}$	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40 / 58	dBA				
Annual energy consumption	$Q_{HE}$	1994	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details MITSUBISHI ELECTRIC AIR CODITIO	NING SYSTE	M EUROPE	LTD.	Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scotl	and, U.K.
The identification and signature of the person	n empowered	d to bind the	e supplier;				
The signature is signed in the average clim	nate / mediur	n-temperatu	ure section.	Atsushi EDAYOSHI Manager, Quality Assuarance Department UNITED KINGDOM			
<ul> <li>Details and precautions on installation, maintena</li> <li>Details and precautions on recycling and/or dis</li> </ul>		•		·			

(\*) 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.

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	ERPX-***D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

6.0 - - 6.0 0.99 3.9 0.98 3.6 0.97 6.0	kW - kW - kW - kW	Seasonal space heating energy efficiency Declared coefficient of performance or primary e part load at indoor temperature 20 °C and outdoo Tj = - 7 °C Tj = + 2 °C Tj = + 7 °C			-
- 6.0 0.99 3.9 0.98 3.6 0.97	- kW - kW	part load at indoor temperature 20 °C and outdoor Tj = -7 °C Tj = +2 °C Tj = +7 °C	COPd COPd	re Tj 	-
- 6.0 0.99 3.9 0.98 3.6 0.97	- kW - kW	$Tj = -7 \ ^{\circ}C$ $Tj = +2 \ ^{\circ}C$ $Tj = +7 \ ^{\circ}C$	COPd COPd	3.75	-
- 6.0 0.99 3.9 0.98 3.6 0.97	- kW - kW	Tj = + 2 °C Tj = + 7 °C	COPd	3.75	-
0.99 3.9 0.98 3.6 0.97	- kW -	Tj = + 7 °C			-
0.99 3.9 0.98 3.6 0.97	- kW -	Tj = + 7 °C			-
3.9 0.98 3.6 0.97	-		COPd	4.80	
0.98 3.6 0.97	-		COPd	4.80	
3.6 0.97	- kW				-
0.97	kW				
		Tj = +12 °C	COPd	7.50	-
60	-				
0.0	kW	Tj = bivalent temperature	COPd	3.75	-
6.0	kW	Tj = operation limit temperature (***)	COPd	3.75	-
2	°C	Operation limit temperature	TOL	-20	°C
2	°C	Heating water operating limit temperature	WTOL	60	°C
		Supplementary heater			
0.015	kW	Rated heat output (*)	Psup	0.0	kW
0.015	kW				
0.015	kW	Type of energy input		Electrical	
0.000	kW				
variable		Rated air flow rate, outdoors	-	2660	m³/h
40 / 58	dBA				
1400	kWh				
-		Water heating energy efficiency	ηwh	-	%
-	kWh				
-	kWh				
EUROPE	_TD.	Nettlehill Road, Houston Industrial Estate, Liv	vingston, EH	54 5EQ, Scotl	and, U.K.
		Atsushi EDAYOSHI Manager, Quality Assuarance Department UNITED KINGDOM			
   	2 2 0.015 0.015 0.015 0.000 variable 40 / 58 1400 - - - - - - - bly can be	2       °C         2       °C         0.015       kW         0.015       kW         0.015       kW         0.000       kW         variable       40 / 58         40 / 58       dBA         1400       kWh         -       -         -       kWh         EUROPE LTD.       o bind the supplier;         temperature section.       -         bly can be found in the life can be found in the	2       °C       Operation limit temperature         2       °C       Heating water operating limit temperature         2       °C       Heating water operating limit temperature         0.015       kW       Rated heat output (*)         0.015       kW       Type of energy input         0.000       kW       Rated air flow rate, outdoors         variable       Rated air flow rate, outdoors         40 / 58       dBA         1400       kWh         -       kWh         -       kWh         -       kWh         EUROPE LTD.       Nettlehill Road, Houston Industrial Estate, Lir         o bind the supplier;       Atsushi EDAYOSHI         temperature section.       Manager, Quality Assuarance Department         UNITED KINGDOM       UNITED KINGDOM	2       °C       Operation limit temperature       TOL         2       °C       Heating water operating limit temperature       WTOL         2       °C       Heating water operating limit temperature       WTOL         3       Supplementary heater       Supplementary heater       Psup         0.015       kW       Rated heat output (*)       Psup         0.015       kW       Type of energy input       Image: Comparison of the supplementary heater         0.000       kW       Rated air flow rate, outdoors       -         40 / 58       dBA       Atsuch heating energy efficiency       nwh         -       KWh       Water heating energy efficiency       nwh         -       KWh       KWh       -       -         -       KWh       Nettlehill Road, Houston Industrial Estate, Livingston, EH       o bind the supplier;         Atsushi EDAYOSHI       Manager, Quality Assuarance Department       UNITED KINGDOM         bly can be found in the installation and or operation manuals.       -       -	2       °C       Operation limit temperature       TOL       -20         2       °C       Heating water operating limit temperature       WTOL       60         Supplementary heater       0.015       kW       Rated heat output (*)       Psup       0.0         0.015       kW       Type of energy input       Electrical       Electrical         0.000       kW       Type of energy input       Electrical       2660         40 / 58       dBA       Atsuch arit flow rate, outdoors       -       2660         40 / 58       dBA       Mater heating energy efficiency       nwh       -         -       kWh       KWh       -       -       2660         -       kWh       KWh       -       -       2660         -       kWh       KWh       -       -       -         -       kWh       -       -       -       -         -       kWh       -       -

(\*) 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.

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	ERPX-MD
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit		
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	145	%		
Declared capacity for heating for part load at indoor				Declared coefficient of performance or primary energy ratio for					
temperature 20 °C and outdoor temperature	Гј			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj			
Tj = - 7 °C	Pdh	5.3	kW	Tj = - 7 °C	COPd	2.26	-		
Degradation co-efficient (**)	Cdh	0.99	-						
Tj = + 2 °C	Pdh	3.5	kW	Tj = + 2 °C	COPd	3.56	-		
Degradation co-efficient (**)	Cdh	0.99	-						
Tj = + 7 °C	Pdh	3.6	kW	Tj = + 7 °C	COPd	5.07	-		
Degradation co-efficient (**)	Cdh	0.98	-						
Tj = +12 °C	Pdh	3.2	kW	Tj = +12 °C	COPd	6.81	-		
Degradation co-efficient (**)	Cdh	0.97	-						
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	2.26	-		
Tj = operation limit temperature (***)	Pdh	5.2	kW	Tj = operation limit temperature (***)	COPd	2.14	-		
	I		1						
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°C		
Reference design conditions for space heating	Tdesignh	-10	°C	Heating water operating limit temperature	WTOL	60	°C		
Power consumption in modes other than act	ve mode			Supplementary heater					
Off mode	P <sub>OFF</sub>	0.015	kW	Rated heat output (*)	Psup	0.8	kW		
Thermostat-off mode	P <sub>TO</sub>	0.015	kW						
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical			
Crankcase heater mode	Р <sub>ск</sub>	0.000	kW						
Other items									
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h		
Sound power level, indoors/outdoors	L <sub>WA</sub>	40 / 58	dBA						
Annual energy consumption	$Q_{HE}$	3344	kWh						
For heat pump combination heater:			•						
Declared load profile		-		Water heating energy efficiency	ηwh	-	%		
Daily electricity consumption	Qelec	-	kWh						
Annual electricity consumption	AEC	-	kWh						
Contact details									
MITSUBISHI ELECTRIC AIR CODITIO	NING SYSTE	M EUROPE	LTD.	Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	land, U.K.		
The identification and signature of the person	n empowered	d to bind the	e supplier:						
15/				Atsushi EDAYOSHI					
N. cdapski	-			Manager, Quality Assuarance Department UNITED KINGDOM					
Details and precautions on installation, maintena	ince and asse	embly can be	found in the						

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

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

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

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

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	ERPX-MD
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	197	%
Declared capacity for heating for part load a		Declared coefficient of performance or primary energy ratio for					
temperature 20 °C and outdoor temperature	Тј			part load at indoor temperature 20 °C and outdo	or temperatur	re Tj	
Tj = - 7 °C	Pdh	5.3	kW	Tj = - 7 °C	COPd	3.40	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	4.1	kW	Tj = + 2 °C	COPd	4.84	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	3.3	kW	Tj = + 7 °C	COPd	6.35	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	3.1	kW	Tj = +12 °C	COPd	8.86	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	3.40	-
Tj = operation limit temperature (***)	Pdh	5.2	kW	Tj = operation limit temperature (***)	COPd	3.02	-
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	0.8	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	Р <sub>ск</sub>	0.000	kW				
Other items			,				
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40 / 58	dBA				
Annual energy consumption	$Q_{HE}$	2484	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details							
				Nettlehill Road, Houston Industrial Estate, Li	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 clim	nate / mediur	m-temperatu	ire section.	Manager, Quality Assuarance Department UNITED KINGDOM			
Details and precautions on installation, maintena	ance and asse	embly can be	found in the				
Details and precautions on recycling and/or dis		•		·			

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

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

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

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	ERPX-MD
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	5.0	kW	Seasonal space heating energy efficiency	ηs	130	%
Declared capacity for heating for part load a	at indoor		•	Declared coefficient of performance or primary e	energy ratio fo	or	
temperature 20 °C and outdoor temperature	Тј			part load at indoor temperature 20 °C and outdo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	3.5	kW	Tj = - 7 °C	COPd	3.02	-
Degradation co-efficient (**)	Cdh	0.99	- 1				
Tj = + 2 °C	Pdh	3.6	kW	Tj = + 2 °C	COPd	3.80	-
Degradation co-efficient (**)	Cdh	0.98	- 1				
Tj = + 7 °C	Pdh	3.5	kW	Tj = + 7 °C	COPd	4.73	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	7.06	-
Degradation co-efficient (**)	Cdh	0.97	- 1				
Tj = bivalent temperature	Pdh	4.1	kW	Tj = bivalent temperature	COPd	2.13	-
Tj = operation limit temperature (***)	Pdh	4.7	kW	Tj = operation limit temperature (***)	COPd	1.67	-
Tj = − 15 °C (if TOL < − 20 °C)	Pdh	-	kW	Tj = − 15 °C (if TOL < − 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-15	°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 ac	tive mode		•	Supplementary heater		•	
Off mode	P <sub>OFF</sub>	0.015	kW	Rated heat output (*)	Psup	5.0	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	P <sub>SB</sub>	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	Р <sub>ск</sub>	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40 / 58	dBA				
Annual energy consumption	$Q_{HE}$	3697	kWh				
For heat pump combination heater:				-			
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
				Nettle bill De est Hausdan bedustriet Estate de	vinester <b>F</b> U		
				Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scot	and, U.K.
The identification and signature of the perso	n empowered	d to bind the	e supplier;	Atsushi EDAYOSHI			
The signature is signed in the average clin	nate / mediur	m-temperati	ure section.	Manager, Quality Assuarance Department			
Details and precautions on installation, mainten     Details and precautions on recycling and/or dis     Tor heat pump space heaters and heat pum	sposal at end-	of-life can be	e found in the	installation and or operation manuals.			

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

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

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	ERPX-MD
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.4	kW	Seasonal space heating energy efficiency	ηs	173	%
Declared capacity for heating for part load a	at indoor			Declared coefficient of performance or primary e	energy ratio fo	or	
emperature 20 °C and outdoor temperature	Тј			part load at indoor temperature 20 °C and outdo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	4.0	kW	Tj = - 7 °C	COPd	4.20	-
Degradation co-efficient (**)	Cdh	0.98	] -				
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 2 °C	COPd	4.95	-
Degradation co-efficient (**)	Cdh	0.98	- 1				
Tj = + 7 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	5.85	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	8.18	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	4.2	kW	Tj = bivalent temperature	COPd	2.31	-
Tj = operation limit temperature (***)	Pdh	4.2	kW	Tj = operation limit temperature (***)	COPd	2.31	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = − 15 °C (if TOL < − 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than act	tive mode			Supplementary heater			
Off mode	$P_{OFF}$	0.015	kW	Rated heat output (*)	Psup	4.4	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	P <sub>SB</sub>	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	Р <sub>ск</sub>	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40 / 58	dBA				
Annual energy consumption	Q <sub>HE</sub>	2469	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details MITSUBISHI ELECTRIC AIR CODITIC	NING SYSTE	M EUROPE	LTD.	Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scotl	and, U.K.
The identification and signature of the perso	n empowered	to bind the	e supplier;				
The signature is signed in the average clin	nate / mediur	n-temperatu	ure section.	Atsushi EDAYOSHI Manager, Quality Assuarance Department UNITED KINGDOM			

(\*) 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.

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	ERPX-MD
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	158	%
Declared capacity for heating for part load a		Declared coefficient of performance or primary energy ratio for					
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	6.0	kW	Tj = + 2 °C	COPd	1.85	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	3.25	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	3.4	kW	Tj = +12 °C	COPd	5.76	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	1.85	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	1.85	-
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	2	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than act	ive mode			Supplementary heater		• •	
Off mode	P <sub>OFF</sub>	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40 / 58	dBA				
Annual energy consumption	$Q_{HE}$	1994	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details MITSUBISHI ELECTRIC AIR CODITIO	NING SYSTE	M EUROPE	LTD.	Nettlehill Road, Houston Industrial Estate, Li	vingston, EH	54 5EQ, Scotl	and, U.K.
The identification and signature of the person	n empowered	d to bind the	e supplier;				
The signature is signed in the average climate / medium-temperature section.			Atsushi EDAYOSHI Manager, Quality Assuarance Department UNITED KINGDOM				
Details and precautions on installation, maintena     Details and precautions on recycling and/or dis		•					

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

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

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

Model(s):	Outdoor unit:	PUZ-WM60VAA(-BS)
	Indoor unit:	ERPX-MD
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		no
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	226	%
Declared capacity for heating for part load a		Declared coefficient of performance or primary energy ratio for					
temperature 20 °C and outdoor temperature	Тј			part load at indoor temperature 20 °C and outdo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	6.0	kW	Tj = + 2 °C	COPd	3.75	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	4.80	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	7.50	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	3.75	-
Tj = operation limit temperature (***)	Pdh	6.0	kW	Tj = operation limit temperature (***)	COPd	3.75	-
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 <sub>TO</sub>	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				
Other items			-				
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40 / 58	dBA				
Annual energy consumption	$Q_{HE}$	1400	kWh				
For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kWh				
Annual electricity consumption	AEC	-	kWh				
Contact details MITSUBISHI ELECTRIC AIR CODITIO	NING SVSTE		חדו	Nettlehill Road, Houston Industrial Estate, Li	vingston EH	51 5E0 Scotl	and IIK
The identification and signature of the perso						J4 JLQ, 3000	
The signature is signed in the average climate / medium-temperature section.				Atsushi EDAYOSHI Manager, Quality Assuarance Department UNITED KINGDOM			
<ul> <li>Details and precautions on installation, maintena</li> <li>Details and precautions on recycling and/or dis</li> </ul>		•		·			

(\*) 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.