



ENERG

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Indoor unit
Outdoor unit

E*S*-**C
PUHZ-SW75YAA(-BS)



55 °C

35 °C



40 dB



58 dB

■ 06
■ **07**
■ 07
kW

■ 06
■ **07**
■ 07
kW



1. SPACE HEATER

1	2	For medium-temperature application															For low-temperature application														
		3	6	8	11	9	13	15	16	21	22	17	18	25	4	6	8	11	9	13	15	16	21	22	17	18	25				
Outdoor unit	Indoor unit	Medium-temperature application		Seasonal space heating energy efficiency class											Low-temperature application		Seasonal space heating energy efficiency class														
		Rated heat output under average climate conditions	Seasonal space heating energy efficiency class	For space heating, annual energy consumption under average climate conditions											Rated heat output under average climate conditions	Seasonal space heating energy efficiency class	For space heating, annual energy consumption under average climate conditions														
		kW	%	kWh											kW	%	kWh														
		dB	dB	dB											dB	dB	dB														
PUHZ-SW75VAA (BS)	EHSC****C	✓	A++	7	129	4435	40	6	7	107	155	5378	2408	58	✓	A++	7	162	3607	40	6	7	129	219	4472	1731	58				
	ERSC****C	✓	A++	7	132	4352	40	6	7	109	158	5274	2352	58	✓	A++	7	166	3525	40	6	7	132	226	4382	1678	58				
	EHSD****C	✓	A++	7	129	4435	40	6	7	107	155	5378	2408	58	✓	A++	7	162	3607	40	6	7	129	219	4472	1731	58				
	ERSD****C	✓	A++	7	132	4352	40	6	7	109	158	5274	2352	58	✓	A++	7	166	3525	40	6	7	132	226	4382	1678	58				
	EHSD****D	✓	A++	7	129	4435	41	6	7	107	155	5378	2408	58	✓	A++	7	162	3607	41	6	7	129	219	4472	1731	58				

2. COMBINATION HEATER

1	2	For medium-temperature application															For low-temperature application																												
		3	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25																						
Outdoor unit	Indoor unit	Medium-temperature application		Seasonal space heating energy efficiency class											Low-temperature application		Seasonal space heating energy efficiency class																												
		Rated heat output under average climate conditions	Seasonal space heating energy efficiency class	For space heating, annual energy consumption under average climate conditions											Rated heat output under average climate conditions	Seasonal space heating energy efficiency class	For space heating, annual energy consumption under average climate conditions																												
		kW	%	kWh											kW	%	kWh																												
		dB	dB	dB											dB	dB	dB																												
PUHZ-SW75VAA (BS)	EHST20****C2	✓	L	A++	+	7	4435	751	129	145	40	-	6	7	5378	2408	880	682	107	155	123	161	58	✓	L	A++	A+	7	3607	751	162	145	40	-	6	7	4472	1731	880	682	129	219	123	161	58
	ERST20****C2	✓	L	A++	+	7	4352	751	132	145	40	-	6	7	5274	2352	880	682	109	158	123	161	58	✓	L	A++	A+	7	3525	751	166	145	40	-	6	7	4382	1678	880	682	132	226	123	161	58
	EHST20****C(W)	✓	L	A++	+	7	4435	1040	129	104	40	-	6	7	5378	2408	1288	947	107	155	83	114	58	✓	L	A++	A+	7	3607	1040	162	104	40	-	6	7	4472	1731	1288	947	129	219	83	114	58
	ERST20****C(W)	✓	L	A++	+	7	4352	1040	132	104	40	-	6	7	5274	2352	1288	947	109	158	83	114	58	✓	L	A++	A+	7	3525	1040	166	104	40	-	6	7	4382	1678	1288	947	132	226	83	114	58
	EHST20****D	✓	L	A++	+	7	4435	1040	129	104	40	-	6	7	5378	2408	1288	947	107	155	83	114	58	✓	L	A++	A+	7	3607	1040	162	104	40	-	6	7	4472	1731	1288	947	129	219	83	114	58

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSC-****C
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.

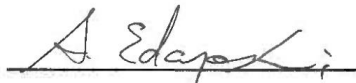
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	η_s	128	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.3	kW	Tj = - 7 °C	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	3.19	-
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	4.59	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	6.10	-
Tj = + 7 °C	Pdh	2.9	kW	Tj = bivalent temperature	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = operation limit temperature (***)	COPd	1.89	-
Tj = +12 °C	Pdh	2.8	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.95	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	6.3	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	6.1	kW	Rated heat output (*)	Psup	1.0	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	4470	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	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
 Manager, Quality Assurance 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.

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	Indoor unit:	EHSC-****C
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	7.2	kW	Seasonal space heating energy efficiency	η_s	160	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.4	kW	Tj = - 7 °C	COPd	2.43	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	4.07	-
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	5.62	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	7.93	-
Tj = + 7 °C	Pdh	2.6	kW	Tj = bivalent temperature	COPd	2.43	-
Degradation co-efficient (**)	Cdh	0.95	-	Tj = operation limit temperature (***)	COPd	2.17	-
Tj = +12 °C	Pdh	3.1	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.94	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	6.4	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	6.2	kW	Rated heat output (*)	Psup	1.0	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	3654	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSC-****C
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	6.0	kW	Seasonal space heating energy efficiency	η_s	106	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.6	kW	Tj = - 7 °C	COPd	2.30	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	3.16	-
Tj = + 2 °C	Pdh	2.2	kW	Tj = + 7 °C	COPd	4.70	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = +12 °C	COPd	6.74	-
Tj = + 7 °C	Pdh	2.5	kW	Tj = bivalent temperature	COPd	1.30	-
Degradation co-efficient (**)	Cdh	0.96	-	Tj = operation limit temperature (***)	COPd	1.30	-
Tj = +12 °C	Pdh	3.0	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Degradation co-efficient (**)	Cdh	0.95	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	5.7	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature (***)	Pdh	5.7	kW	Supplementary heater			
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Rated heat output (*)	Psup	6.0	kW
Bivalent temperature	Tbiv	-20	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-22	°C	Power consumption in modes other than active mode			
Power consumption in modes other than active mode				Rated heat output (*)			
Off mode	P _{OFF}	0.022	kW	Type of energy input			
Thermostat-off mode	P _{TO}	0.022	kW	Electrical			
Standby mode	P _{SB}	0.022	kW				
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors	-	2660	m ³ /h
Capacity control	variable						
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	5432	kWh				

For heat pump combination heater:				Water heating energy efficiency	η_{wh}	-	%
Declared load profile	-						
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

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Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSC-****C
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	6.0	kW	Seasonal space heating energy efficiency	η_s	128	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.6	kW	Tj = - 7 °C	COPd	2.73	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = + 2 °C	COPd	4.03	-
Tj = + 2 °C	Pdh	2.4	kW	Tj = + 7 °C	COPd	5.82	-
Degradation co-efficient (**)	Cdh	0.96	-	Tj = +12 °C	COPd	7.81	-
Tj = + 7 °C	Pdh	2.6	kW	Tj = bivalent temperature	COPd	1.32	-
Degradation co-efficient (**)	Cdh	0.95	-	Tj = operation limit temperature (***)	COPd	1.32	-
Tj = +12 °C	Pdh	3.1	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Degradation co-efficient (**)	Cdh	0.95	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	5.7	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature (***)	Pdh	5.7	kW	Supplementary heater			
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Rated heat output (*)	Psup	6.0	kW
Bivalent temperature	Tbiv	-20	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-22	°C	Power consumption in modes other than active mode			
Power consumption in modes other than active mode				Off mode			
Off mode	P _{OFF}	0.022	kW	Thermostat-off mode	P _{TO}	0.022	kW
Thermostat-off mode	P _{TO}	0.022	kW	Standby mode	P _{SB}	0.022	kW
Standby mode	P _{SB}	0.022	kW	Crankcase heater mode	P _{CK}	0.000	kW
Crankcase heater mode	P _{CK}	0.000	kW	Other items			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	4520	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSC-****C
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	7.1	kW	Seasonal space heating energy efficiency	η_s	153	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for 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	COPd	1.98	-
Tj = + 2 °C	Pdh	7.1	kW	Tj = + 7 °C	COPd	3.29	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +12 °C	COPd	5.70	-
Tj = + 7 °C	Pdh	4.6	kW	Tj = bivalent temperature	COPd	1.98	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = operation limit temperature (***)	COPd	1.98	-
Tj = +12 °C	Pdh	2.9	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.96	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	7.1	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	7.1	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	2	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	2437	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSC-****C
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.2	kW	Seasonal space heating energy efficiency	η_s	215	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for 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	COPd	3.13	-
Tj = + 2 °C	Pdh	7.2	kW	Tj = + 7 °C	COPd	4.98	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +12 °C	COPd	7.60	-
Tj = + 7 °C	Pdh	4.6	kW	Tj = bivalent temperature	COPd	3.13	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = operation limit temperature (***)	COPd	3.13	-
Tj = +12 °C	Pdh	3.1	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.95	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	7.2	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	7.2	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	2	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	1763	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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 Manager, Quality Assurance Department
 UNITED KINGDOM

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

· 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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSC-MEC
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	7.1	kW	Seasonal space heating energy efficiency	η_s	128	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.3	kW	Tj = - 7 °C	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	3.19	-
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	4.59	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	6.10	-
Tj = + 7 °C	Pdh	2.9	kW	Tj = bivalent temperature	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = operation limit temperature (***)	COPd	1.89	-
Tj = +12 °C	Pdh	2.8	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.95	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	6.3	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	6.1	kW	Rated heat output (*)	Psup	1.0	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	4470	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	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.

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSC-MEC
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	7.2	kW	Seasonal space heating energy efficiency	η_s	160	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.4	kW	Tj = - 7 °C	COPd	2.43	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	4.07	-
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	5.62	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	7.93	-
Tj = + 7 °C	Pdh	2.6	kW	Tj = bivalent temperature	COPd	2.43	-
Degradation co-efficient (**)	Cdh	0.95	-	Tj = operation limit temperature (***)	COPd	2.17	-
Tj = +12 °C	Pdh	3.1	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.94	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	6.4	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	6.2	kW	Rated heat output (*)	Psup	1.0	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Other items				Rated air flow rate, outdoors	-	2660	m ³ /h
Capacity control	variable						
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	3654	kWh				

For heat pump combination heater:				Water heating energy efficiency	η_{wh}	-	%
Declared load profile	-						
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSC-MEC
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	6.0	kW	Seasonal space heating energy efficiency	η_s	106	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T _j			
T _j = - 7 °C	P _d _h	3.6	kW	T _j = - 7 °C	COP _d	2.30	-
Degradation co-efficient (**)	C _d _h	0.99	-	T _j = + 2 °C	COP _d	3.16	-
T _j = + 2 °C	P _d _h	2.2	kW	T _j = + 7 °C	COP _d	4.70	-
Degradation co-efficient (**)	C _d _h	0.97	-	T _j = +12 °C	COP _d	6.74	-
T _j = + 7 °C	P _d _h	2.5	kW	T _j = bivalent temperature	COP _d	1.30	-
Degradation co-efficient (**)	C _d _h	0.96	-	T _j = operation limit temperature (***)	COP _d	1.30	-
T _j = +12 °C	P _d _h	3.0	kW	T _j = - 15 °C (if TOL < - 20 °C)	COP _d	-	-
Degradation co-efficient (**)	C _d _h	0.95	-	Operation limit temperature	TOL	-20	°C
T _j = bivalent temperature	P _d _h	5.7	kW	Heating water operating limit temperature	WTOL	60	°C
T _j = operation limit temperature (***)	P _d _h	5.7	kW	Supplementary heater			
T _j = - 15 °C (if TOL < - 20 °C)	P _d _h	-	kW	Rated heat output (*)	P _{sup}	6.0	kW
Bivalent temperature	T _{biv}	-20	°C	Type of energy input	Electrical		
Reference design conditions for space heating	T _{designh}	-22	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	2660	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	5432	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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

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

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSC-MEC
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	6.0	kW	Seasonal space heating energy efficiency	η_s	128	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.6	kW	Tj = - 7 °C	COPd	2.73	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = + 2 °C	COPd	4.03	-
Tj = + 2 °C	Pdh	2.4	kW	Tj = + 7 °C	COPd	5.82	-
Degradation co-efficient (**)	Cdh	0.96	-	Tj = +12 °C	COPd	7.81	-
Tj = + 7 °C	Pdh	2.6	kW	Tj = bivalent temperature	COPd	1.32	-
Degradation co-efficient (**)	Cdh	0.95	-	Tj = operation limit temperature (***)	COPd	1.32	-
Tj = +12 °C	Pdh	3.1	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Degradation co-efficient (**)	Cdh	0.95	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	5.7	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature (***)	Pdh	5.7	kW	Supplementary heater			
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Rated heat output (*)	Psup	6.0	kW
Bivalent temperature	Tbiv	-20	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-22	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	2660	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	4520	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSC-MEC
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	7.1	kW	Seasonal space heating energy efficiency	η_s	153	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for 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	COPd	1.98	-
Tj = + 2 °C	Pdh	7.1	kW	Tj = + 7 °C	COPd	3.29	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +12 °C	COPd	5.70	-
Tj = + 7 °C	Pdh	4.6	kW	Tj = bivalent temperature	COPd	1.98	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = operation limit temperature (***)	COPd	1.98	-
Tj = +12 °C	Pdh	2.9	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.96	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	7.1	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	7.1	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	2	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			
Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	2660	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	2437	kWh				
For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

Contact details

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PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSC-MEC
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	7.2	kW	Seasonal space heating energy efficiency	η_s	215	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T _j			
T _j = - 7 °C	P _{d,h}	-	kW	T _j = - 7 °C	COP _d	-	-
Degradation co-efficient (**)	C _{d,h}	-	-	T _j = + 2 °C	COP _d	3.13	-
T _j = + 2 °C	P _{d,h}	7.2	kW	T _j = + 7 °C	COP _d	4.98	-
Degradation co-efficient (**)	C _{d,h}	0.99	-	T _j = +12 °C	COP _d	7.60	-
T _j = + 7 °C	P _{d,h}	4.6	kW	T _j = bivalent temperature	COP _d	3.13	-
Degradation co-efficient (**)	C _{d,h}	0.98	-	T _j = operation limit temperature (***)	COP _d	3.13	-
T _j = +12 °C	P _{d,h}	3.1	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	C _{d,h}	0.95	-	Heating water operating limit temperature	WTOL	60	°C
T _j = bivalent temperature	P _{d,h}	7.2	kW	Supplementary heater			
T _j = operation limit temperature (***)	P _{d,h}	7.2	kW	Rated heat output (*)	P _{sup}	0.0	kW
Bivalent temperature	T _{biv}	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	T _{designh}	2	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	2660	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	1763	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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(**) If C_{d,h} is not determined by measurement then the default degradation coefficient is C_{d,h} = 0,9.

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

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSD-****C
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	7.1	kW	Seasonal space heating energy efficiency	η_s	128	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.3	kW	Tj = - 7 °C	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	3.19	-
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	4.59	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	6.10	-
Tj = + 7 °C	Pdh	2.9	kW	Tj = bivalent temperature	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = operation limit temperature (***)	COPd	1.89	-
Tj = +12 °C	Pdh	2.8	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.95	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	6.3	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	6.1	kW	Rated heat output (*)	Psup	1.0	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	4470	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSD-****C
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	7.2	kW	Seasonal space heating energy efficiency	η_s	160	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.4	kW	Tj = - 7 °C	COPd	2.43	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	4.07	-
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	5.62	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	7.93	-
Tj = + 7 °C	Pdh	2.6	kW	Tj = bivalent temperature	COPd	2.43	-
Degradation co-efficient (**)	Cdh	0.95	-	Tj = operation limit temperature (***)	COPd	2.17	-
Tj = +12 °C	Pdh	3.1	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.94	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	6.4	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	6.2	kW	Rated heat output (*)	Psup	1.0	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	3654	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	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 Assurance 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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSD-****C
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	6.0	kW	Seasonal space heating energy efficiency	η_s	106	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T _j			
T _j = - 7 °C	P _{d,h}	3.6	kW	T _j = - 7 °C	COP _d	2.30	-
Degradation co-efficient (**)	C _{d,h}	0.99	-	T _j = + 2 °C	COP _d	3.16	-
T _j = + 2 °C	P _{d,h}	2.2	kW	T _j = + 7 °C	COP _d	4.70	-
Degradation co-efficient (**)	C _{d,h}	0.97	-	T _j = +12 °C	COP _d	6.74	-
T _j = + 7 °C	P _{d,h}	2.5	kW	T _j = bivalent temperature	COP _d	1.30	-
Degradation co-efficient (**)	C _{d,h}	0.96	-	T _j = operation limit temperature (***)	COP _d	1.30	-
T _j = +12 °C	P _{d,h}	3.0	kW	T _j = - 15 °C (if TOL < - 20 °C)	COP _d	-	-
Degradation co-efficient (**)	C _{d,h}	0.95	-	Operation limit temperature	TOL	-20	°C
T _j = bivalent temperature	P _{d,h}	5.7	kW	Heating water operating limit temperature	WTOL	60	°C
T _j = operation limit temperature (***)	P _{d,h}	5.7	kW	Supplementary heater			
T _j = - 15 °C (if TOL < - 20 °C)	P _{d,h}	-	kW	Rated heat output (*)	P _{sup}	6.0	kW
Bivalent temperature	T _{biv}	-20	°C	Type of energy input	Electrical		
Reference design conditions for space heating	T _{designh}	-22	°C	Power consumption in modes other than active mode			
Power consumption in modes other than active mode				Off mode			
Off mode	P _{OFF}	0.022	kW	Thermostat-off mode	P _{TO}	0.022	kW
Thermostat-off mode	P _{TO}	0.022	kW	Standby mode	P _{SB}	0.022	kW
Standby mode	P _{SB}	0.022	kW	Crankcase heater mode	P _{CK}	0.000	kW
Crankcase heater mode	P _{CK}	0.000	kW	Other items			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	5432	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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(**) If C_{d,h} is not determined by measurement then the default degradation coefficient is C_{d,h} = 0,9.

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

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSD-****C
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	6.0	kW	Seasonal space heating energy efficiency	η_s	128	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.6	kW	Tj = - 7 °C	COPd	2.73	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = + 2 °C	COPd	4.03	-
Tj = + 2 °C	Pdh	2.4	kW	Tj = + 7 °C	COPd	5.82	-
Degradation co-efficient (**)	Cdh	0.96	-	Tj = +12 °C	COPd	7.81	-
Tj = + 7 °C	Pdh	2.6	kW	Tj = bivalent temperature	COPd	1.32	-
Degradation co-efficient (**)	Cdh	0.95	-	Tj = operation limit temperature (***)	COPd	1.32	-
Tj = +12 °C	Pdh	3.1	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Degradation co-efficient (**)	Cdh	0.95	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	5.7	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature (***)	Pdh	5.7	kW				
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Supplementary heater			
Bivalent temperature	Tbiv	-20	°C	Rated heat output (*)	Psup	6.0	kW
Reference design conditions for space heating	Tdesignh	-22	°C	Type of energy input	Electrical		
Power consumption in modes other than active mode							
Off mode	P _{OFF}	0.022	kW				
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW				
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control		variable		-	2660	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	40 / 58				dBA	
Annual energy consumption	Q _{HE}	4520				kWh	

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile		-		η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-				kWh	
Annual electricity consumption	AEC	-				kWh	

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSD-****C
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	7.1	kW	Seasonal space heating energy efficiency	η_s	153	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for 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	COPd	1.98	-
Tj = + 2 °C	Pdh	7.1	kW	Tj = + 7 °C	COPd	3.29	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +12 °C	COPd	5.70	-
Tj = + 7 °C	Pdh	4.6	kW	Tj = bivalent temperature	COPd	1.98	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = operation limit temperature (***)	COPd	1.98	-
Tj = +12 °C	Pdh	2.9	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.96	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	7.1	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	7.1	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	2	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Other items				Rated air flow rate, outdoors	-	2660	m ³ /h
Capacity control	variable						
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	2437	kWh				

For heat pump combination heater:				Water heating energy efficiency	η_{wh}	-	%
Declared load profile	-						
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSD-****C
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.2	kW	Seasonal space heating energy efficiency	η_s	215	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for 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	COPd	3.13	-
Tj = + 2 °C	Pdh	7.2	kW	Tj = + 7 °C	COPd	4.98	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +12 °C	COPd	7.60	-
Tj = + 7 °C	Pdh	4.6	kW	Tj = bivalent temperature	COPd	3.13	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = operation limit temperature (***)	COPd	3.13	-
Tj = +12 °C	Pdh	3.1	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.95	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	7.2	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	7.2	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	2	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	1763	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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Manager, Quality Assurance 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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSD-MC
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	7.1	kW	Seasonal space heating energy efficiency	η_s	128	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.3	kW	Tj = - 7 °C	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	3.19	-
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	4.59	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	6.10	-
Tj = + 7 °C	Pdh	2.9	kW	Tj = bivalent temperature	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = operation limit temperature (***)	COPd	1.89	-
Tj = +12 °C	Pdh	2.8	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.95	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	6.3	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	6.1	kW	Rated heat output (*)	Psup	1.0	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	4470	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSD-MC
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	7.2	kW	Seasonal space heating energy efficiency	η_s	160	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.4	kW	Tj = - 7 °C	COPd	2.43	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	4.07	-
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	5.62	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	7.93	-
Tj = + 7 °C	Pdh	2.6	kW	Tj = bivalent temperature	COPd	2.43	-
Degradation co-efficient (**)	Cdh	0.95	-	Tj = operation limit temperature (***)	COPd	2.17	-
Tj = +12 °C	Pdh	3.1	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.94	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	6.4	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	6.2	kW	Rated heat output (*)	Psup	1.0	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	3654	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSD-MC
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	6.0	kW	Seasonal space heating energy efficiency	η_s	106	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.6	kW	Tj = - 7 °C	COPd	2.30	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	3.16	-
Tj = + 2 °C	Pdh	2.2	kW	Tj = + 7 °C	COPd	4.70	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = +12 °C	COPd	6.74	-
Tj = + 7 °C	Pdh	2.5	kW	Tj = bivalent temperature	COPd	1.30	-
Degradation co-efficient (**)	Cdh	0.96	-	Tj = operation limit temperature (***)	COPd	1.30	-
Tj = +12 °C	Pdh	3.0	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Degradation co-efficient (**)	Cdh	0.95	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	5.7	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature (***)	Pdh	5.7	kW	Supplementary heater			
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Rated heat output (*)	Psup	6.0	kW
Bivalent temperature	Tbiv	-20	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-22	°C	Power consumption in modes other than active mode			
Power consumption in modes other than active mode				Off mode			
Off mode	P _{OFF}	0.022	kW	Thermostat-off mode	P _{TO}	0.022	kW
Thermostat-off mode	P _{TO}	0.022	kW	Standby mode	P _{SB}	0.022	kW
Standby mode	P _{SB}	0.022	kW	Crankcase heater mode	P _{CK}	0.000	kW
Crankcase heater mode	P _{CK}	0.000	kW	Other items			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	5432	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	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

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Manager, Quality Assurance Department

UNITED KINGDOM

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSD-MC
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	6.0	kW	Seasonal space heating energy efficiency	η_s	128	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.6	kW	Tj = - 7 °C	COPd	2.73	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = + 2 °C	COPd	4.03	-
Tj = + 2 °C	Pdh	2.4	kW	Tj = + 7 °C	COPd	5.82	-
Degradation co-efficient (**)	Cdh	0.96	-	Tj = +12 °C	COPd	7.81	-
Tj = + 7 °C	Pdh	2.6	kW	Tj = bivalent temperature	COPd	1.32	-
Degradation co-efficient (**)	Cdh	0.95	-	Tj = operation limit temperature (***)	COPd	1.32	-
Tj = +12 °C	Pdh	3.1	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Degradation co-efficient (**)	Cdh	0.95	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	5.7	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature (***)	Pdh	5.7	kW	Supplementary heater			
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Rated heat output (*)	Psup	6.0	kW
Bivalent temperature	Tbiv	-20	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-22	°C	Power consumption in modes other than active mode			
Power consumption in modes other than active mode				Off mode			
Off mode	P _{OFF}	0.022	kW	Thermostat-off mode	P _{TO}	0.022	kW
Thermostat-off mode	P _{TO}	0.022	kW	Standby mode	P _{SB}	0.022	kW
Standby mode	P _{SB}	0.022	kW	Crankcase heater mode	P _{CK}	0.000	kW
Crankcase heater mode	P _{CK}	0.000	kW	Other items			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	4520	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSD-MC
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	7.1	kW	Seasonal space heating energy efficiency	η_s	153	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for 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	COPd	1.98	-
Tj = + 2 °C	Pdh	7.1	kW	Tj = + 7 °C	COPd	3.29	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +12 °C	COPd	5.70	-
Tj = + 7 °C	Pdh	4.6	kW	Tj = bivalent temperature	COPd	1.98	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = operation limit temperature (***)	COPd	1.98	-
Tj = +12 °C	Pdh	2.9	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.96	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	7.1	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	7.1	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	2	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Other items	Capacity control	variable	Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA			
Annual energy consumption	Q _{HE}	2437	kWh			

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile		-		η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSD-MC
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	7.2	kW	Seasonal space heating energy efficiency	η_s	215	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for 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	COPd	3.13	-
Tj = + 2 °C	Pdh	7.2	kW	Tj = + 7 °C	COPd	4.98	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +12 °C	COPd	7.60	-
Tj = + 7 °C	Pdh	4.6	kW	Tj = bivalent temperature	COPd	3.13	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = operation limit temperature (***)	COPd	3.13	-
Tj = +12 °C	Pdh	3.1	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.95	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	7.2	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	7.2	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	2	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	1763	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	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.
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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSD-MEC
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	7.1	kW	Seasonal space heating energy efficiency	η_s	128	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.3	kW	Tj = - 7 °C	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	3.19	-
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	4.59	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	6.10	-
Tj = + 7 °C	Pdh	2.9	kW	Tj = bivalent temperature	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = operation limit temperature (***)	COPd	1.89	-
Tj = +12 °C	Pdh	2.8	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.95	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	6.3	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	6.1	kW	Rated heat output (*)	Psup	1.0	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	4470	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSD-MEC
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	7.2	kW	Seasonal space heating energy efficiency	η_s	160	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.4	kW	Tj = - 7 °C	COPd	2.43	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	4.07	-
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	5.62	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	7.93	-
Tj = + 7 °C	Pdh	2.6	kW	Tj = bivalent temperature	COPd	2.43	-
Degradation co-efficient (**)	Cdh	0.95	-	Tj = operation limit temperature (***)	COPd	2.17	-
Tj = +12 °C	Pdh	3.1	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.94	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	6.4	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	6.2	kW	Rated heat output (*)	Psup	1.0	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	3654	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSD-MEC
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	6.0	kW	Seasonal space heating energy efficiency	η_s	106	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.6	kW	Tj = - 7 °C	COPd	2.30	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	3.16	-
Tj = + 2 °C	Pdh	2.2	kW	Tj = + 7 °C	COPd	4.70	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = +12 °C	COPd	6.74	-
Tj = + 7 °C	Pdh	2.5	kW	Tj = bivalent temperature	COPd	1.30	-
Degradation co-efficient (**)	Cdh	0.96	-	Tj = operation limit temperature (***)	COPd	1.30	-
Tj = +12 °C	Pdh	3.0	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Degradation co-efficient (**)	Cdh	0.95	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	5.7	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature (***)	Pdh	5.7	kW	Supplementary heater			
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Rated heat output (*)	Psup	6.0	kW
Bivalent temperature	Tbiv	-20	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-22	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Other items				Rated air flow rate, outdoors	-	2660	m ³ /h
Capacity control	variable						
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	5432	kWh				

For heat pump combination heater:				Water heating energy efficiency	η_{wh}	-	%
Declared load profile	-						
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSD-MEC
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	6.0	kW	Seasonal space heating energy efficiency	η_s	128	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.6	kW	Tj = - 7 °C	COPd	2.73	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = + 2 °C	COPd	4.03	-
Tj = + 2 °C	Pdh	2.4	kW	Tj = + 7 °C	COPd	5.82	-
Degradation co-efficient (**)	Cdh	0.96	-	Tj = +12 °C	COPd	7.81	-
Tj = + 7 °C	Pdh	2.6	kW	Tj = bivalent temperature	COPd	1.32	-
Degradation co-efficient (**)	Cdh	0.95	-	Tj = operation limit temperature (***)	COPd	1.32	-
Tj = +12 °C	Pdh	3.1	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Degradation co-efficient (**)	Cdh	0.95	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	5.7	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature (***)	Pdh	5.7	kW	Supplementary heater			
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Rated heat output (*)	Psup	6.0	kW
Bivalent temperature	Tbiv	-20	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-22	°C	Power consumption in modes other than active mode			
Power consumption in modes other than active mode				Rated air flow rate, outdoors			
Off mode	P _{OFF}	0.022	kW			2660	m ³ /h
Thermostat-off mode	P _{TO}	0.022	kW	Capacity control			
Standby mode	P _{SB}	0.022	kW	variable			
Crankcase heater mode	P _{CK}	0.000	kW	Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA
Other items				Annual energy consumption	Q _{HE}	4520	kWh

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile		-		η_{wh}		-	%
Daily electricity consumption	Qelec	-	kWh	Contact details			
Annual electricity consumption	AEC	-	kWh	MITSUBISHI ELECTRIC AIR CODITIONING SYSTEM EUROPE LTD.			

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
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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSD-MEC
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	7.1	kW	Seasonal space heating energy efficiency	η_s	153	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for 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	COPd	1.98	-
Tj = + 2 °C	Pdh	7.1	kW	Tj = + 7 °C	COPd	3.29	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +12 °C	COPd	5.70	-
Tj = + 7 °C	Pdh	4.6	kW	Tj = bivalent temperature	COPd	1.98	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = operation limit temperature (***)	COPd	1.98	-
Tj = +12 °C	Pdh	2.9	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.96	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	7.1	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	7.1	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	2	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	2437	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	EHSD-MEC
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	7.2	kW	Seasonal space heating energy efficiency	η_s	215	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for 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	COPd	3.13	-
Tj = + 2 °C	Pdh	7.2	kW	Tj = + 7 °C	COPd	4.98	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +12 °C	COPd	7.60	-
Tj = + 7 °C	Pdh	4.6	kW	Tj = bivalent temperature	COPd	3.13	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = operation limit temperature (***)	COPd	3.13	-
Tj = +12 °C	Pdh	3.1	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.95	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	7.2	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	7.2	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	2	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Other items				Rated air flow rate, outdoors	-	2660	m ³ /h
Capacity control	variable						
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	1763	kWh				

For heat pump combination heater:				Water heating energy efficiency	η_{wh}	-	%
Declared load profile	-						
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	ERSC-****C
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	7.1	kW	Seasonal space heating energy efficiency	η_s	132	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.3	kW	Tj = - 7 °C	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	3.23	-
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	4.59	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	6.10	-
Tj = + 7 °C	Pdh	2.9	kW	Tj = bivalent temperature	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = operation limit temperature (***)	COPd	1.89	-
Tj = +12 °C	Pdh	2.8	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.95	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	6.3	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	6.1	kW	Rated heat output (*)	Psup	1.0	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	4361	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	ERSC-****C
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	7.2	kW	Seasonal space heating energy efficiency	η_s	165	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.4	kW	Tj = - 7 °C	COPd	2.43	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	4.14	-
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	5.62	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	7.93	-
Tj = + 7 °C	Pdh	2.6	kW	Tj = bivalent temperature	COPd	2.43	-
Degradation co-efficient (**)	Cdh	0.95	-	Tj = operation limit temperature (***)	COPd	2.17	-
Tj = +12 °C	Pdh	3.1	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.94	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	6.4	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	6.2	kW	Rated heat output (*)	Psup	1.0	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	3542	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	ERSC-****C
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	6.0	kW	Seasonal space heating energy efficiency	η_s	109	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.6	kW	Tj = - 7 °C	COPd	2.37	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	3.20	-
Tj = + 2 °C	Pdh	2.2	kW	Tj = + 7 °C	COPd	4.70	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = +12 °C	COPd	6.74	-
Tj = + 7 °C	Pdh	2.5	kW	Tj = bivalent temperature	COPd	1.30	-
Degradation co-efficient (**)	Cdh	0.96	-	Tj = operation limit temperature (***)	COPd	1.30	-
Tj = +12 °C	Pdh	3.0	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Degradation co-efficient (**)	Cdh	0.95	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	5.7	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature (***)	Pdh	5.7	kW	Supplementary heater			
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Rated heat output (*)	Psup	6.0	kW
Bivalent temperature	Tbiv	-20	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-22	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	2660	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	5294	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	ERSC-****C
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	6.0	kW	Seasonal space heating energy efficiency	η_s	132	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.6	kW	Tj = - 7 °C	COPd	2.82	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = + 2 °C	COPd	4.10	-
Tj = + 2 °C	Pdh	2.4	kW	Tj = + 7 °C	COPd	5.82	-
Degradation co-efficient (**)	Cdh	0.96	-	Tj = +12 °C	COPd	7.81	-
Tj = + 7 °C	Pdh	2.6	kW	Tj = bivalent temperature	COPd	1.32	-
Degradation co-efficient (**)	Cdh	0.95	-	Tj = operation limit temperature (***)	COPd	1.32	-
Tj = +12 °C	Pdh	3.1	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Degradation co-efficient (**)	Cdh	0.95	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	5.7	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature (***)	Pdh	5.7	kW	Supplementary heater			
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Rated heat output (*)	Psup	6.0	kW
Bivalent temperature	Tbiv	-20	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-22	°C	Power consumption in modes other than active mode			
Power consumption in modes other than active mode				Off mode			
Off mode	P _{OFF}	0.022	kW	Thermostat-off mode	P _{TO}	0.022	kW
Thermostat-off mode	P _{TO}	0.022	kW	Standby mode	P _{SB}	0.022	kW
Standby mode	P _{SB}	0.022	kW	Crankcase heater mode	P _{CK}	0.000	kW
Crankcase heater mode	P _{CK}	0.000	kW	Other items			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	4385	kWh				

For heat pump combination heater:				Water heating energy efficiency	η_{wh}	-	%
Declared load profile	-						
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	ERSC-****C
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	7.1	kW	Seasonal space heating energy efficiency	η_s	158	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for 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	COPd	1.98	-
Tj = + 2 °C	Pdh	7.1	kW	Tj = + 7 °C	COPd	3.23	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +12 °C	COPd	5.70	-
Tj = + 7 °C	Pdh	4.6	kW	Tj = bivalent temperature	COPd	1.98	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = operation limit temperature (***)	COPd	1.98	-
Tj = +12 °C	Pdh	2.9	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.96	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	7.1	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	7.1	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	2	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Other items	Capacity control	variable	Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA			
Annual energy consumption	Q _{HE}	2360	kWh			

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile		-		η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	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 Assurance Department
 UNITED KINGDOM

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

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	ERSC-****C
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.2	kW	Seasonal space heating energy efficiency	η_s	225	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T _j			
T _j = - 7 °C	P _{dH}	-	kW	T _j = - 7 °C	COP _d	-	-
Degradation co-efficient (**)	C _{dH}	-	-	T _j = + 2 °C	COP _d	3.13	-
T _j = + 2 °C	P _{dH}	7.2	kW	T _j = + 7 °C	COP _d	4.86	-
Degradation co-efficient (**)	C _{dH}	0.99	-	T _j = +12 °C	COP _d	7.60	-
T _j = + 7 °C	P _{dH}	4.6	kW	T _j = bivalent temperature	COP _d	3.13	-
Degradation co-efficient (**)	C _{dH}	0.98	-	T _j = operation limit temperature (***)	COP _d	3.13	-
T _j = +12 °C	P _{dH}	3.1	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	C _{dH}	0.95	-	Heating water operating limit temperature	WTOL	60	°C
T _j = bivalent temperature	P _{dH}	7.2	kW	Supplementary heater			
T _j = operation limit temperature (***)	P _{dH}	7.2	kW	Rated heat output (*)	P _{sup}	0.0	kW
Bivalent temperature	T _{biv}	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	T _{designh}	2	°C				
Power consumption in modes other than active mode							
Off mode	P _{OFF}	0.022	kW				
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW				
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	2660	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	1684	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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(**) If C_{dH} is not determined by measurement then the default degradation coefficient is C_{dH} = 0,9.

(***) If the declared TOL is lower than the T_{designh} of the considered climate then the outdoor dry bulb temperature T_j is equal to T_{designh}.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	ERSC-MEC
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.

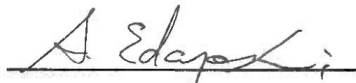
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	η_s	132	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.3	kW	Tj = - 7 °C	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	3.23	-
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	4.59	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	6.10	-
Tj = + 7 °C	Pdh	2.9	kW	Tj = bivalent temperature	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = operation limit temperature (***)	COPd	1.89	-
Tj = +12 °C	Pdh	2.8	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.95	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	6.3	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	6.1	kW	Rated heat output (*)	Psup	1.0	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	4361	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	ERSC-MEC
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	7.2	kW	Seasonal space heating energy efficiency	η_s	165	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.4	kW	Tj = - 7 °C	COPd	2.43	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	4.14	-
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	5.62	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	7.93	-
Tj = + 7 °C	Pdh	2.6	kW	Tj = bivalent temperature	COPd	2.43	-
Degradation co-efficient (**)	Cdh	0.95	-	Tj = operation limit temperature (***)	COPd	2.17	-
Tj = +12 °C	Pdh	3.1	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.94	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	6.4	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	6.2	kW	Rated heat output (*)	Psup	1.0	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	3542	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

Contact details

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	ERSC-MEC
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	6.0	kW	Seasonal space heating energy efficiency	η_s	109	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T _j			
T _j = - 7 °C	P _{d,h}	3.6	kW	T _j = - 7 °C	COP _d	2.37	-
Degradation co-efficient (**)	C _{d,h}	0.99	-	T _j = + 2 °C	COP _d	3.20	-
T _j = + 2 °C	P _{d,h}	2.2	kW	T _j = + 7 °C	COP _d	4.70	-
Degradation co-efficient (**)	C _{d,h}	0.97	-	T _j = +12 °C	COP _d	6.74	-
T _j = + 7 °C	P _{d,h}	2.5	kW	T _j = bivalent temperature	COP _d	1.30	-
Degradation co-efficient (**)	C _{d,h}	0.96	-	T _j = operation limit temperature (***)	COP _d	1.30	-
T _j = +12 °C	P _{d,h}	3.0	kW	T _j = - 15 °C (if TOL < - 20 °C)	COP _d	-	-
Degradation co-efficient (**)	C _{d,h}	0.95	-	Operation limit temperature	TOL	-20	°C
T _j = bivalent temperature	P _{d,h}	5.7	kW	Heating water operating limit temperature	WTOL	60	°C
T _j = operation limit temperature (***)	P _{d,h}	5.7	kW	Supplementary heater			
T _j = - 15 °C (if TOL < - 20 °C)	P _{d,h}	-	kW	Rated heat output (*)	P _{sup}	6.0	kW
Bivalent temperature	T _{biv}	-20	°C	Type of energy input	Electrical		
Reference design conditions for space heating	T _{designh}	-22	°C	Power consumption in modes other than active mode			
Power consumption in modes other than active mode				Off mode			
Off mode	P _{OFF}	0.022	kW	Thermostat-off mode	P _{TO}	0.022	kW
Thermostat-off mode	P _{TO}	0.022	kW	Standby mode	P _{SB}	0.022	kW
Standby mode	P _{SB}	0.022	kW	Crankcase heater mode	P _{CK}	0.000	kW
Crankcase heater mode	P _{CK}	0.000	kW	Other items			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	5294	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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Manager, Quality Assurance Department

UNITED KINGDOM

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(**) If C_{d,h} is not determined by measurement then the default degradation coefficient is C_{d,h} = 0,9.

(***) If the declared TOL is lower than the T_{designh} of the considered climate then the outdoor dry bulb temperature T_j is equal to T_{designh}.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	ERSC-MEC
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	6.0	kW	Seasonal space heating energy efficiency	η_s	132	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T _j			
T _j = - 7 °C	P _{d,h}	3.6	kW	T _j = - 7 °C	COP _d	2.82	-
Degradation co-efficient (**)	C _{d,h}	0.98	-	T _j = + 2 °C	COP _d	4.10	-
T _j = + 2 °C	P _{d,h}	2.4	kW	T _j = + 7 °C	COP _d	5.82	-
Degradation co-efficient (**)	C _{d,h}	0.96	-	T _j = +12 °C	COP _d	7.81	-
T _j = + 7 °C	P _{d,h}	2.6	kW	T _j = bivalent temperature	COP _d	1.32	-
Degradation co-efficient (**)	C _{d,h}	0.95	-	T _j = operation limit temperature (***)	COP _d	1.32	-
T _j = +12 °C	P _{d,h}	3.1	kW	T _j = - 15 °C (if TOL < - 20 °C)	COP _d	-	-
Degradation co-efficient (**)	C _{d,h}	0.95	-	Operation limit temperature	TOL	-20	°C
T _j = bivalent temperature	P _{d,h}	5.7	kW	Heating water operating limit temperature	WTOL	60	°C
T _j = operation limit temperature (***)	P _{d,h}	5.7	kW	Supplementary heater			
T _j = - 15 °C (if TOL < - 20 °C)	P _{d,h}	-	kW	Rated heat output (*)	P _{sup}	6.0	kW
Bivalent temperature	T _{biv}	-20	°C	Type of energy input	Electrical		
Reference design conditions for space heating	T _{designh}	-22	°C	Power consumption in modes other than active mode			
Power consumption in modes other than active mode				Off mode			
Off mode	P _{OFF}	0.022	kW	Thermostat-off mode	P _{TO}	0.022	kW
Thermostat-off mode	P _{TO}	0.022	kW	Standby mode	P _{SB}	0.022	kW
Standby mode	P _{SB}	0.022	kW	Crankcase heater mode	P _{CK}	0.000	kW
Crankcase heater mode	P _{CK}	0.000	kW	Other items			
Capacity control				Rated air flow rate, outdoors			
variable				-			
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA	2660			
Annual energy consumption	Q _{HE}	4385	kWh	m ³ /h			

For heat pump combination heater:							
Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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(**) If C_{d,h} is not determined by measurement then the default degradation coefficient is C_{d,h} = 0,9.

(***) If the declared TOL is lower than the T_{designh} of the considered climate then the outdoor dry bulb temperature T_j is equal to T_{designh}.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	ERSC-MEC
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	7.1	kW	Seasonal space heating energy efficiency	η_s	158	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for 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	COPd	1.98	-
Tj = + 2 °C	Pdh	7.1	kW	Tj = + 7 °C	COPd	3.23	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +12 °C	COPd	5.70	-
Tj = + 7 °C	Pdh	4.6	kW	Tj = bivalent temperature	COPd	1.98	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = operation limit temperature (***)	COPd	1.98	-
Tj = +12 °C	Pdh	2.9	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.96	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	7.1	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	7.1	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	2	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	2360	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	ERSC-MEC
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	7.2	kW	Seasonal space heating energy efficiency	η_s	225	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for 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	COPd	3.13	-
Tj = + 2 °C	Pdh	7.2	kW	Tj = + 7 °C	COPd	4.86	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +12 °C	COPd	7.60	-
Tj = + 7 °C	Pdh	4.6	kW	Tj = bivalent temperature	COPd	3.13	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = operation limit temperature (***)	COPd	3.13	-
Tj = +12 °C	Pdh	3.1	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.95	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	7.2	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	7.2	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	2	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	1684	kWh				

For heat pump combination heater:				Water heating energy efficiency	η_{wh}	-	%
Declared load profile	-						
Daily electricity consumption	Q _{elec}	-	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
 Manager, Quality Assurance 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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	ERSD-****C
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	7.1	kW	Seasonal space heating energy efficiency	η_s	132	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.3	kW	Tj = - 7 °C	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	3.23	-
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	4.59	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	6.10	-
Tj = + 7 °C	Pdh	2.9	kW	Tj = bivalent temperature	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = operation limit temperature (***)	COPd	1.89	-
Tj = +12 °C	Pdh	2.8	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.95	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	6.3	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	6.1	kW	Rated heat output (*)	Psup	1.0	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	4361	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	ERSD-****C
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	7.2	kW	Seasonal space heating energy efficiency	η_s	165	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.4	kW	Tj = - 7 °C	COPd	2.43	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	4.14	-
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	5.62	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	7.93	-
Tj = + 7 °C	Pdh	2.6	kW	Tj = bivalent temperature	COPd	2.43	-
Degradation co-efficient (**)	Cdh	0.95	-	Tj = operation limit temperature (***)	COPd	2.17	-
Tj = +12 °C	Pdh	3.1	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.94	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	6.4	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	6.2	kW	Rated heat output (*)	Psup	1.0	kW
Bivalent temperature	Tbiv	-7	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	3542	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	ERSD-****C
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	6.0	kW	Seasonal space heating energy efficiency	η_s	109	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.6	kW	Tj = - 7 °C	COPd	2.37	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	3.20	-
Tj = + 2 °C	Pdh	2.2	kW	Tj = + 7 °C	COPd	4.70	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = +12 °C	COPd	6.74	-
Tj = + 7 °C	Pdh	2.5	kW	Tj = bivalent temperature	COPd	1.30	-
Degradation co-efficient (**)	Cdh	0.96	-	Tj = operation limit temperature (***)	COPd	1.30	-
Tj = +12 °C	Pdh	3.0	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Degradation co-efficient (**)	Cdh	0.95	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	5.7	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature (***)	Pdh	5.7	kW	Supplementary heater			
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Rated heat output (*)	Psup	6.0	kW
Bivalent temperature	Tbiv	-20	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-22	°C	Power consumption in modes other than active mode			
Power consumption in modes other than active mode				Off mode			
Off mode	P _{OFF}	0.022	kW	Thermostat-off mode	P _{TO}	0.022	kW
Thermostat-off mode	P _{TO}	0.022	kW	Standby mode	P _{SB}	0.022	kW
Standby mode	P _{SB}	0.022	kW	Crankcase heater mode	P _{CK}	0.000	kW
Crankcase heater mode	P _{CK}	0.000	kW	Other items			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	5294	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	ERSD-****C
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	6.0	kW	Seasonal space heating energy efficiency	η_s	132	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.6	kW	Tj = - 7 °C	COPd	2.82	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = + 2 °C	COPd	4.10	-
Tj = + 2 °C	Pdh	2.4	kW	Tj = + 7 °C	COPd	5.82	-
Degradation co-efficient (**)	Cdh	0.96	-	Tj = +12 °C	COPd	7.81	-
Tj = + 7 °C	Pdh	2.6	kW	Tj = bivalent temperature	COPd	1.32	-
Degradation co-efficient (**)	Cdh	0.95	-	Tj = operation limit temperature (***)	COPd	1.32	-
Tj = +12 °C	Pdh	3.1	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Degradation co-efficient (**)	Cdh	0.95	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	5.7	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature (***)	Pdh	5.7	kW	Supplementary heater			
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Rated heat output (*)	Psup	6.0	kW
Bivalent temperature	Tbiv	-20	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-22	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	4385	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	ERSD-****C
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	7.1	kW	Seasonal space heating energy efficiency	η_s	158	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for 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	COPd	1.98	-
Tj = + 2 °C	Pdh	7.1	kW	Tj = + 7 °C	COPd	3.23	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +12 °C	COPd	5.70	-
Tj = + 7 °C	Pdh	4.6	kW	Tj = bivalent temperature	COPd	1.98	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = operation limit temperature (***)	COPd	1.98	-
Tj = +12 °C	Pdh	2.9	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.96	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	7.1	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	7.1	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	2	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Other items	Capacity control	variable	Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA			
Annual energy consumption	Q _{HE}	2360	kWh			

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile		-		η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	PUHZ-SW75YAA(-BS)
	Indoor unit:	ERSD-****C
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.2	kW	Seasonal space heating energy efficiency	η_s	225	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for 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	COPd	3.13	-
Tj = + 2 °C	Pdh	7.2	kW	Tj = + 7 °C	COPd	4.86	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +12 °C	COPd	7.60	-
Tj = + 7 °C	Pdh	4.6	kW	Tj = bivalent temperature	COPd	3.13	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = operation limit temperature (***)	COPd	3.13	-
Tj = +12 °C	Pdh	3.1	kW	Operation limit temperature	TOL	-20	°C
Degradation co-efficient (**)	Cdh	0.95	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	7.2	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	7.2	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	2	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Capacity control	variable			Rated air flow rate, outdoors	-	2660	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 58	dBA				
Annual energy consumption	Q _{HE}	1684	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	-			η_{wh}	-	%	
Daily electricity consumption	Q _{elec}	-	kWh				
Annual electricity consumption	AEC	-	kWh				

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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.