











		PUZ-WM112YAA(-BS)					PUZ-WM112VAA(-BS)							PUZ-WM85YAA(-BS)							PUZ-WM85VAA(-BS)						PUZ-WM60VAA(-BS)					PUZ-WM50VHA(-BS)			Outdoor unit	_	
ПЦВУ_****D	ERPT30X-***D	EHPT30X-****D	ERPT20X-****D	EHPT20X-****D	EHPX-***D	ERPT30X-****D	) EHPT30X-****D	ERPT20X-****D	EHPT20X-****D	EHPX-****D	EKP130X-^^^	TDT30X ****	_		EHPT20X-***D	ERPT17X-***D	EHPT17X-****D	EHPX-***D	ERPT30X-****D	EHPT30X-****D	) ERPT20X-***D	EHPT20X-****D	ERPT17X-***D	EHPT17X-****D	EHPX-***D	ERPT20X-***D	_	ERPT17X-****D	EHPT17X-****D	EHPX-***D	ERPT20X-****D	) EHPT20X-****D	ERPT17X-****D	EHPT17X-****D	Indoor unit	2	
	,	٠,	•	,	,	•	,	٠,	,	,	,		,	٠	۲	•	,	,	,	,	,	,	٠,	,	٠,	٠,	,	,	٠,	`	٠,	٠,	•	,	Medium-temperature application	ω	
<b>&gt;</b>	A++	A++	A++	A ‡	A+	A++	A++	A++	A++	A++	A++	: :	Δ + +	A ‡	A++	A++	A++	A++	A++	A++	A++	A +	A ‡	A++	A++	A++	A++	A±	A++	A++	A++	A++	A++	A++	Seasonal space heating energy efficiency class	Q	
	Α	Þ	Ą	Ą		Þ	Þ	Ą	Ą	.	Þ	,	<b>D</b>	Ą	A+	A+	Ą		Þ	Þ	Ą	Ą	Ą	Ą		Ą	Ą	Ą	Ą		Ą	A+	Ą	Ą	Water heating energy efficiency class	6	
10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	8.5	8.5	0 0	20	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	6.0	6.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0	5.0	Rated heat output under average climate conditions	7	
5005	5905	5905	5905	5905	5905	5905	5905	5905	5905	4837	483/	4027	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	3318	3318	3318	3318	3318	3014	3014	3014	3014	3014	For space heating, annual energy consumption under average climate conditions	8	
	1443	1443	736	736		1443	1443	736	736		1451	1	1451	749	749	899	899		1451	1451	749	749	899	899		749	749	899	899		803	803	902	902	For water heating, annual electricity consumption under average climate conditions	9	
122	136	133	136	133	134	136	134	136	134	138	141	1 6	138	141	138	141	138	139	141	139	141	139	141	139	142	145	142	145	142	129	133	129	133	129	Seasonal space heating energy efficiency under average climate conditions	10	
1	120	120	148	148		120	120	148	148	ļ.	021	1 1	120	145	145	120	120		120	120	145	145	120	120		145	145	120	120		135	135	120	120	Water heating energy efficiency under average climate conditions	1	
4	40	40	40	40	40	40	40	40	40	40	40	5 8	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	Sound power level L <sub>WA</sub> indoor	12	
+												+																							Work only during off-peak hours	13	
0 0	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	6.1	6.1	2 5	6 1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.0	5.0	5.0	5.0	5.0	3.1	3.1	3.1	3.1	3.1	Rated heat output under colder climate conditions	14	
+	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	-		+	+	+	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	$\vdash$	6.0	6.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0	5.0	Rated heat output under warmer climate conditions	15	
+	.0 6990	.0 6990	.0 6990	0 6990	0 6990	+	0 6990		0 6990	+	+	+	+		5 4376	5 4376	5 4376	5 4376	5 4376	5 4376	5 4376	5 4376	5 4376	$\vdash$	3671	3671	$\vdash$	3671	3671	2760	0 2760	2760	2760	2760	For space heating, annual energy consumption under	5 16	
+	0 3401	3401	3401	3401	0 3401	$\vdash$	3401		0 3401	+	+	+	+	_	6 2799	6 2799	6 2799	6 2799	6 2799	6 2799	6 2799	6 2799	6 2799	6 2799	1 1991	1 1991	1 1991	1 1991	1 1991	1616	1616	1616	0 1616	1616	For space heating, annual energy consumption under	3 17	1
+	01 1808	1808	01 917	01 917			1808	917	$\vdash$	+	+		+	+	99 927	99 1073	99 1073	- 9	1808	99 1808	$\vdash$	99 927	99 1073	+	1.	91 927	91 927	1073	1073	16	16 934	16 934	1065	1065	warmer climate conditions  For water heating, annual energy consumption under colder climate conditions	7 18	
+	_	_			Ľ	1808 12	<u>.</u>			+	ă	+		+					_	Η.	$\vdash$	$\vdash$		1073 8	Ė		<u> </u>								Colder climate conditions		
+	294   1	1294 1	674 1	674 1	_	1294 1	1294 1	674 1		١.	4	+	_	+	679 1	803 1	803 1	1	294 1	1294 1	679 1	679 1	803 1		+	679 1	679 1	803 1	<u> </u>	_	709 1	709 1	805 1	805 1	For water heating, annual energy consumption under warmer climate conditions  Seasonal space heating energy	19 2	$\frac{1}{2}$
+	124   1	121 1	124 1	121	122 1		122 1			١.		+	+	+	128 1	132 1	128 1	129 1	132	129 1	132	129 1		$\vdash$	127 1	130 1	127 1	130 1	127 1	107 1	111	107 1	111 1	107 1	seasonal space heating energy	20 :	
+	154	150	154	50	52		152		152	+		+			155	159	155	156	159	156	159	156			154	158	154	158	54	157	162	157	162	157	efficiency under warmer climate conditions	21	$\frac{1}{1}$
+	96	96	118	118	<u>'</u>	96	96	-	118	ļ.	96	8 8	+	-	116	101	101	<u> </u>	96	96	116	116	101		ļ.	116	116	101	101	Ŀ	116	116	101	101	Water heating energy efficiency under colder climate conditions  Water heating energy efficiency	22	$\frac{1}{1}$
+	135	135	161	161	·	135	135	161	161	ļ.	135	3	135	161	161	135	135	Ŀ	135	135	161	161	135	135	ŀ	161	161	135	135	ŀ	154	154	135	135	% under warmer climate conditions	23	
<u> </u>	60	60	60	60	60	60	60	60	60	58	8	3 8	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	61	61	61	61	61	Sound power level L <sub>WA</sub> outdoor	24	+
+	•	٠	`	۲	,	•	(	•	`	`		$\perp$	_	٠	`	•	۲	٠	,	`	•	(	•	,	•	۲	`	`	`	`	۲	`	`	`	Low-temperature application	4	
1	A+++	A+++	A+++	A++	A+++	A+++	A+++	A++	A+++	A++	A+++	:   :	Δ+++	A++	A+++	A+++	A + +	A+++	A+++	A+++	A++	A+++	A++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A++	A+++	A+++	A+++	Seasonal space heating energy efficiency class	5	
	Α	Þ	A+	¥		Þ	Þ	Ą	Ą	Ŀ	Þ	,	<b>D</b>	¥.	¥	A+	¥	ŀ	Þ	Þ	Ą	Ą	Ą	A+	Ŀ	Ą	₽	¥	¥	Ŀ	¥	Ą	¥	Ą	Water heating energy efficiency class	6	
2	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	8.5	ŏ.5	9 6	20	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	6.0	6.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0	5.0	Rated heat output under average climate conditions	7	
4145	4145	4145	4145	4145	4145	4145	4145	4145	4145	3473	34/3	3 470	3473	3473	3473	3473	3473	3473	3473	3473	3473	3473	3473	3473	2475	2475	2475	2475	2475	2113	2113	2113	2113	2113	For space heating, annual energy consumption under average climate conditions	8	
	1443	1443	736	736	ŀ	1443	1443	736	736	Ŀ	1451	4 5	1451	749	749	899	899	Ŀ	1451	1451	749	749	899	899	ŀ	749	749	899	899	ŀ	803	803	902	902	For water heating, annual electricity consumption under average climate conditions	9	
180	195	189	195	189	191	195	191	195	191	190	19/	2 2	190	197	190	197	190	193	197	193	197	193	197	193	190	197	190	197	190	183	190	183	190	183	Seasonal space heating energy efficiency under average climate conditions	10	
	120	120	148	148		120	120	148	148	ŀ	120	200	120	145	145	120	120		120	120	145	145	120	120		145	145	120	120		135	135	120	120	Water heating energy efficiency under average climate conditions	1	
40	40	40	40	40	40	40	40	40	40	40	40	3 8	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	Sound power level L <sub>WA</sub> indoor	12	ľ
										Ţ.			•																						Work only during off-peak hours	13	
00	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	4.9	4.9	<b>.</b>	4 9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.4	4.4	4.4	4.4	4.4	4.2	4.2	4.2	4.2	4.2	Rated heat output under colder climate conditions	14	
100	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	8.5	8.5	0 0	20	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	6.0	6.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0	5.0	Rated heat output under warmer climate conditions	15	
5508	5528	5528	5528	5528	5528	5528	5528	5528	5528	2733	2/33	2722	2733	2733	2733	2733	2733	2733	2733	2733	2733	2733	2733	2733	2492	2492	2492	2492	2492	2713	2713	2713	2713	2713	For space heating, annual energy consumption under colder climate conditions	16	- dolonous
2201	2394	2394	2394	2394	2394	2394	2394	2394	2394	1916	1916	200	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	-	1397	1397	1397	1397	1111	1111	1111	1111	1111	For space heating, annual energy consumption under warmer climate conditions	17	
+	1808	1808	1 917	+		1808	1808		917	+	_	+	+	-	927	1073	3 1073		1808	1808	927			+	+	927		1073			934	934	1065	1065	For water heating, annual energy consumption under colder climate conditions	18	
+	8 1294	8 1294	674			8 1294	8 1294			-		+	+		679	3 803	3 803		8 1294	8 1294	679			-		679	679	3 803			709	709	5 805	5 805	For water heating, annual energy consumption under	19	
+	4 169	4 165	1 169		166		4 166			+		+	+	+	166	8 175	3 166	169	4 175	4 169	9 175			$\vdash$	<del> </del>	173		3 173		141	146	141	5 146	5 141	Seasonal space heating energy efficiency under colder climate	20	$\frac{1}{1}$
+	9 220	5 213	9 220	$\vdash$	6 215		6 215			-		+	+	+	6 224	5 234	6 224	9 227		9 227				$\vdash$		3 226	$\vdash$	3 226		1 226	6 237	1 226	6 237	1 226	conditions  Seasonal space heating energy efficiency under warmer climate		
+	0 96	3 96	0 118	3 118	5	0 96	5 96			+	١.	+	+	$\dashv$	4 116	4 101	4 101	7 -	4 96	7 96	4 116			$\vdash$		6 116	8 116	6 101		6	7 116	6 116	7 101	6 101	conditions  Water heating energy efficiency	1 22	
+	6 135	6 135	161		·   .	6 135	6 135			+		+	+		161	)1 135	)1 135	<u>                                     </u>	6 135	6 135						161		)1 135		ŀ	154	154	)1 135	)1 135	water heating energy efficiency under warmer climate	2 23	$\frac{1}{1}$
1	ű	35	33	1 3	Ė	35	35	33	61 60	Ļ	5	+				35 58	35 58	- 58				$\vdash$		$\vdash$				35 58		61	54 61	54 61	35 61	35 61	under warmer climate conditions  Sound power level L <sub>WA</sub>	3 24	-

Air-to-water heat pump: Water-to-water heat pump:		Indoor un					
Water-to-water heat pump:			it: 	EHPT30X-**D			
<u> </u>				yes			
				no			
Brine-to-water heat pump:				no			
Low-temperature heat pump:				no			
Equipped with a supplementary hea	ater:			yes			
Heat pump combination heater:				yes			
Parameters for				medium-temperature application.			
Parameters for				average climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	8.5	kW	Seasonal space heating energy efficiency	ηѕ	138	%
Declared capacity for heating for p	art load a	t indoor		Declared coefficient of performance	or primary e	nergy ratio	for
temperature 20 °C and outdoor tem	nperature <sup>-</sup>	Тј	1	part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj
Tj = - 7 °C	Pdh	7.5	kW	Tj = - 7 °C	COPd	2.07	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	4.6	kW	Tj = + 2 °C	COPd	3.46	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	3.7	kW	Tj = + 7 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.4	kW	Tj = +12 °C	COPd	7.08	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	7.5	kW	Tj = bivalent temperature	COPd	2.07	_
Tj = operation limit temperature	Pdh	6.1	kW	Tj = operation limit temperature	COPd	1.80	-
Tj = $-15$ °C (if TOL < $-20$ °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°C
			ı	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other	r than acti	ive mode		Supplementary heater			
Off mode	P <sub>OFF</sub>	0.022	kW	Rated heat output (*)	Psup	1.3	kW
Thermostat-off mode	$P_{TO}$	0.022	kW				
Standby mode	$P_{SB}$	0.022	kW	Type of energy input		F	
Crankcase heater mode	$P_{CK}$	0.000	kW			Electrical	
Other items					I		
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40/58	dBA				
Annual energy consumption	$Q_{HE}$	4837	kWh				
For heat pump combination heater:	:			· · · · · · · · · · · · · · · · · · ·			
Declared load profile		XL		Water heating energy efficiency	ηwh	120	%
Daily electricity consumption	Qelec	6.600	kW/h				
Annual electricity consumption	AEC	1451	kW/h				

<sup>(\*)</sup> For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

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

Model(s):	Outdoor u	ınit:	PUZ-WM85YAA(-BS)							
		Indoor un	it:	EHPT30X-**D						
Air-to-water heat pump:				yes						
Water-to-water heat pump:				no						
Brine-to-water heat pump:				no						
Low-temperature heat pump:				no						
Equipped with a supplementary hea	ater:			yes						
Heat pump combination heater:				yes						
Parameters for				low-temperature application.						
Parameters for				average climate conditions.						
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit			
Rated heat output (*)	Prated	8.5	kW	Seasonal space heating	ηѕ	190	%			
Declared capacity for heating for page 2	I art load a	t indoor		energy efficiency  Declared coefficient of performance of	_I or primary e	nergy ratio	for			
temperature 20 °C and outdoor tem	perature ·	Тj		part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj			
Tj = - 7 °C	Pdh	7.5	kW	Tj = - 7 °C	COPd	3.10	-			
Degradation co-efficient (**)	Cdh	0.99	-							
Tj = + 2 °C	Pdh	4.6	kW	Tj = + 2 °C	COPd	4.79	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = + 7 °C	Pdh	3.2	kW	Tj = + 7 °C	COPd	6.81	-			
Degradation co-efficient (**)	Cdh	0.96	-							
Tj = +12 °C	Pdh	3.2	kW	Tj = +12 °C	COPd	9.14	-			
Degradation co-efficient (**)	Cdh	0.95	-							
Tj = bivalent temperature	Pdh	7.5	kW	Tj = bivalent temperature	COPd	3.10	_			
Tj = operation limit temperature	Pdh	6.1	kW	Tj = operation limit temperature	COPd	1.80	-			
Tj = $-15$ °C (if TOL < $-20$ °C)	Pdh	_	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-			
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°C			
				Heating water operating limit	WTOL	60	°C			
Power consumption in modes other	than acti	ive mode		temperature Supplementary heater						
Off mode	P <sub>OFF</sub>	0.022	kW	Rated heat output (*)	Psup	1.3	kW			
Thermostat-off mode	P <sub>TO</sub>	0.022	kW		•					
Standby mode	P <sub>SB</sub>	0.022	kW	Type of energy input						
Crankcase heater mode	P <sub>CK</sub>	0.000	kW			Electrical				
Other items				<u> </u>						
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m <sup>3</sup> /h			
Sound power level, indoors/outdoors	L <sub>WA</sub>	40/58	dBA	1						
Annual energy consumption	$Q_{HE}$	3473	kWh							
For heat pump combination heater:		<u> </u>	<u> </u>	<u> </u>						
Declared load profile		XL		Water heating energy efficiency	ηwh	120	%			
Daily electricity consumption	Qelec	6.600	kW/h							
Annual electricity consumption	AEC	1451	kW/h							
Contact details		1		<u> </u>						

<sup>(\*)</sup> For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

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

Model(s):	Outdoor u	ınit:	PUZ-WM85YAA(-BS)							
		Indoor un	it:	EHPT30X-**D						
Air-to-water heat pump:				yes						
Water-to-water heat pump:				no						
Brine-to-water heat pump:				no						
Low-temperature heat pump:				no						
Equipped with a supplementary hea	ater:			yes						
Heat pump combination heater:				yes						
Parameters for				medium-temperature application.						
Parameters for				colder climate conditions.						
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit			
Rated heat output (*)	Prated	6.1	kW	Seasonal space heating	ηѕ	128	%			
Declared capacity for heating for p	ı art load a	t indoor		energy efficiency  Declared coefficient of performance of	_I or primary e	nergy ratio	for			
temperature 20 °C and outdoor tem	perature ·	Тј		part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj			
Tj = - 7 °C	Pdh	3.9	kW	Tj = - 7 °C	COPd	2.98	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = + 2 °C	Pdh	3.6	kW	Tj = + 2 °C	COPd	3.96	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = + 7 °C	Pdh	3.6	kW	Tj = + 7 °C	COPd	4.80	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	7.06	-			
Degradation co-efficient (**)	Cdh	0.97	_							
Tj = bivalent temperature	Pdh	5.0	kW	Tj = bivalent temperature	COPd	2.11	-			
Tj = operation limit temperature	Pdh	5.0	kW	Tj = operation limit temperature	COPd	1.71	-			
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	7.5	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	2.07	-			
Bivalent temperature	Tbiv	-15	°C	Operation limit temperature	TOL	-20	°C			
			<u> </u>	Heating water operating limit	WTOL	60	°C			
Power consumption in modes other	than acti	ive mode		temperature Supplementary heater						
Off mode	P <sub>OFF</sub>	0.022	kW	Rated heat output (*)	Psup	6.1	kW			
Thermostat-off mode	P <sub>TO</sub>	0.022	kW		•					
Standby mode	$P_{SB}$	0.022	kW	Type of energy input						
Crankcase heater mode	P <sub>CK</sub>	0.000	kW			Electrical				
Other items				<u> </u>						
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m <sup>3</sup> /h			
Sound power level, indoors/outdoors	L <sub>WA</sub>	40/58	dBA	1						
Annual energy consumption	$Q_{HE}$	4376	kWh							
For heat pump combination heater:		<u> </u>	<u> </u>	<u> </u>						
Declared load profile		XL		Water heating energy efficiency	ηwh	96	%			
Daily electricity consumption	Qelec	8.200	kW/h							
Annual electricity consumption	AEC	1808	kW/h							
Contact details		<u>I</u>	<u> </u>	1 1						

<sup>(\*)</sup> For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

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

Model(s):	Outdoor u	ınit:	PUZ-WM85YAA(-BS)							
		Indoor un	it:	EHPT30X-**D						
Air-to-water heat pump:				yes						
Water-to-water heat pump:				no						
Brine-to-water heat pump:				no						
Low-temperature heat pump:				no						
Equipped with a supplementary hea	ater:			yes						
Heat pump combination heater:				yes						
Parameters for				low-temperature application.						
Parameters for				colder climate conditions.						
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit			
Rated heat output (*)	Prated	4.9	kW	Seasonal space heating	ηѕ	166	%			
Declared capacity for heating for p	ı art load a	t indoor		energy efficiency  Declared coefficient of performance of	l or primary e	ll nergy ratio	for			
temperature 20 °C and outdoor tem	perature ·	Тј		part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj			
Tj = - 7 °C	Pdh	4.4	kW	Tj = - 7 °C	COPd	4.31	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 2 °C	COPd	5.13	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = + 7 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	5.76	-			
Degradation co-efficient (**)	Cdh	0.97	-							
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	8.18	-			
Degradation co-efficient (**)	Cdh	0.96	-							
Tj = bivalent temperature	Pdh	4.6	kW	Tj = bivalent temperature	COPd	2.29	-			
Tj = operation limit temperature	Pdh	4.6	kW	Tj = operation limit temperature	COPd	2.29	-			
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	7.5	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	3.10	-			
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C			
			<u> </u>	Heating water operating limit	WTOL	60	°C			
Power consumption in modes other	than act	ive mode		temperature Supplementary heater						
Off mode	P <sub>OFF</sub>	0.022	kW	Rated heat output (*)	Psup	4.9	kW			
Thermostat-off mode	P <sub>TO</sub>	0.022	kW		•					
Standby mode	P <sub>SB</sub>	0.022	kW	Type of energy input						
Crankcase heater mode	P <sub>CK</sub>	0.000	kW			Electrical				
Other items										
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m <sup>3</sup> /h			
Sound power level, indoors/outdoors	L <sub>WA</sub>	40/58	dBA							
Annual energy consumption	$Q_{HE}$	2733	kWh							
For heat pump combination heater:		<u> </u>	<u> </u>	1 1						
Declared load profile		XL		Water heating energy efficiency	ηwh	96	%			
Daily electricity consumption	Qelec	8.200	kW/h							
Annual electricity consumption	AEC	1808	kW/h							
Contact details		<u>I</u>	<u> </u>	1.1						

<sup>(\*)</sup> For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

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

Model(s):		Outdoor u	ınit:	PUZ-WM85YAA(-BS)			
		Indoor un	it:	EHPT30X-**D			
Air-to-water heat pump:				yes			
Water-to-water heat pump:				no			
Brine-to-water heat pump:				no			
Low-temperature heat pump:				no			
Equipped with a supplementary hea	ater:			yes			
Heat pump combination heater:				yes			
Parameters for				medium-temperature application.			
Parameters for				warmer climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	8.5	kW	Seasonal space heating energy efficiency	ηѕ	155	%
Declared capacity for heating for pa	art load a	t indoor		Declared coefficient of performance of	or primary e	energy ratio	for
temperature 20 °C and outdoor tem	perature <sup>-</sup>	Тј	1	part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	8.5	kW	Tj = + 2 °C	COPd	1.88	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	5.5	kW	Tj = + 7 °C	COPd	3.22	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	3.4	kW	Tj = +12 °C	COPd	5.76	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	8.5	kW	Tj = bivalent temperature	COPd	1.88	-
Tj = operation limit temperature	Pdh	6.1	kW	Tj = operation limit temperature	COPd	1.71	-
Tj = $-15$ °C (if TOL < $-20$ °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C
			•	Heating water operating limit	WTOL	60	°C
Power consumption in modes other	than acti	ive mode		temperature Supplementary heater			
Off mode	P <sub>OFF</sub>	0.022	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	$P_{TO}$	0.022	kW				
Standby mode	$P_{SB}$	0.022	kW	Type of energy input		F1 ( ' 1	
Crankcase heater mode	$P_{CK}$	0.000	kW			Electrical	
Other items					•		
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m <sup>3</sup> /h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40/58	dBA				
Annual energy consumption	$Q_{HE}$	2799	kWh				
For heat pump combination heater:		•	•	•			
Declared load profile		XL		Water heating energy efficiency	ηwh	135	%
Daily electricity consumption	Qelec	5.900	kW/h				
Annual electricity consumption	AEC	1294	kW/h				

<sup>(\*)</sup> For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

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

Model(s):		Outdoor ι	ınit:	PUZ-WM85YAA(-BS)			
		Indoor un	it:	EHPT30X-**D			
Air-to-water heat pump:				yes			
Water-to-water heat pump:				no			
Brine-to-water heat pump:				no			
Low-temperature heat pump:				no			
Equipped with a supplementary hea	ater:			yes			
Heat pump combination heater:				yes			
Parameters for				low-temperature application.			
Parameters for				warmer climate conditions.			
Item	Symbol	Value	Unit	ltem	Symbol	Value	Unit
Rated heat output (*)	Prated	8.5	kW	Seasonal space heating energy efficiency	ηѕ	224	%
Declared capacity for heating for pa	art load a	t indoor		Declared coefficient of performance of	or primary e	energy ratio	for
temperature 20 °C and outdoor tem	perature -	Гј	1	part load at indoor temperature 20 °C	and outdo	or tempera	iture Tj
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	_
Degradation co-efficient (**)	Cdh	-	-				_
Tj = + 2 °C	Pdh	8.5	kW	Tj = + 2 °C	COPd	3.66	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	5.5	kW	Tj = + 7 °C	COPd	4.91	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	7.66	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	8.5	kW	Tj = bivalent temperature	COPd	3.66	-
Tj = operation limit temperature	Pdh	6.1	kW	Tj = operation limit temperature	COPd	1.71	-
Tj = $-15$ °C (if TOL < $-20$ °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other	than acti	ve mode		Supplementary heater			
Off mode	$P_{OFF}$	0.022	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	$P_{TO}$	0.022	kW				
Standby mode	$P_SB$	0.022	kW	Type of energy input		Electrical	
Crankcase heater mode	$P_{CK}$	0.000	kW			Liectrical	
Other items	_						
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m <sup>3</sup> /h
Sound power level, indoors/outdoors	$L_WA$	40/58	dBA				
Annual energy consumption	$Q_{HE}$	1916	kWh				
For heat pump combination heater:						,	
Declared load profile		XL		Water heating energy efficiency	ηwh	135	%
Daily electricity consumption	Qelec	5.900	kW/h				
Annual electricity consumption	AEC	1294	kW/h				

<sup>(\*)</sup> 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.

Air-to-water heat pump:  Water-to-water heat pump:  Brine-to-water heat pump:  Low-temperature heat pump:		Indoor un	it:	ERPT30X-**D			
Water-to-water heat pump: Brine-to-water heat pump: Low-temperature heat pump:							
Brine-to-water heat pump:  Low-temperature heat pump:				yes			
Low-temperature heat pump:				no			
				no			
Equipped with a supplementary bas				no			
Equipped with a supplementary hea	ater:			yes			
Heat pump combination heater:				yes			
Parameters for				medium-temperature application.			
Parameters for				average climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	8.5	kW	Seasonal space heating energy efficiency	ηѕ	141	%
Declared capacity for heating for pa	art load a	t indoor		Declared coefficient of performance of	or primary e	nergy ratio	for
temperature 20 °C and outdoor tem	perature -	Гј	1	part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj
Tj = - 7 °C	Pdh	7.5	kW	Tj = - 7 °C	COPd	2.07	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	4.6	kW	Tj = + 2 °C	COPd	3.46	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	3.7	kW	Tj = + 7 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.4	kW	Tj = +12 °C	COPd	7.08	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	7.5	kW	Tj = bivalent temperature	COPd	2.07	-
Tj = operation limit temperature	Pdh	6.1	kW	Tj = operation limit temperature	COPd	1.80	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°C
			ı	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other	than acti	ve mode		Supplementary heater			
Off mode	P <sub>OFF</sub>	0.022	kW	Rated heat output (*)	Psup	1.3	kW
Thermostat-off mode	$P_{TO}$	0.022	kW				
Standby mode	$P_SB$	0.022	kW	Type of energy input		F	
Crankcase heater mode	$P_{CK}$	0.000	kW			Electrical	
Other items					I		
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40/58	dBA				
Annual energy consumption	$Q_{HE}$	4837	kWh				
For heat pump combination heater:				<del>' '</del>			
Declared load profile		XL		Water heating energy efficiency	ηwh	120	%
Daily electricity consumption	Qelec	6.600	kW/h				
Annual electricity consumption	AEC	1451	kW/h				

<sup>(\*)</sup> For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

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

Model(s):	Outdoor u	ınit:	PUZ-WM85YAA(-BS)							
		Indoor un	it:	ERPT30X-**D						
Air-to-water heat pump:				yes						
Water-to-water heat pump:				no						
Brine-to-water heat pump:				no						
Low-temperature heat pump:				no						
Equipped with a supplementary hea	ater:			yes						
Heat pump combination heater:				yes						
Parameters for				low-temperature application.						
Parameters for				average climate conditions.						
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit			
Rated heat output (*)	Prated	8.5	kW	Seasonal space heating energy efficiency	ηѕ	197	%			
Declared capacity for heating for page 2	art load a	t indoor		Declared coefficient of performance	or primary e	nergy ratio	for			
temperature 20 °C and outdoor tem	perature	Тj	•	part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj			
Tj = - 7 °C	Pdh	7.5	kW	Tj = - 7 °C	COPd	3.10	-			
Degradation co-efficient (**)	Cdh	0.99	-							
Tj = + 2 °C	Pdh	4.6	kW	Tj = + 2 °C	COPd	4.79	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = + 7 °C	Pdh	3.2	kW	Tj = + 7 °C	COPd	6.81	-			
Degradation co-efficient (**)	Cdh	0.96	-							
Tj = +12 °C	Pdh	3.2	kW	Tj = +12 °C	COPd	9.14	-			
Degradation co-efficient (**)	Cdh	0.95	-							
Tj = bivalent temperature	Pdh	7.5	kW	Tj = bivalent temperature	COPd	3.10	-			
Tj = operation limit temperature	Pdh	6.1	kW	Tj = operation limit temperature	COPd	1.80	-			
Tj = $-15$ °C (if TOL < $-20$ °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-			
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°C			
				Heating water operating limit	WTOL	60	°C			
Power consumption in modes other	than act	ive mode		temperature Supplementary heater						
Off mode	P <sub>OFF</sub>	0.022	kW	Rated heat output (*)	Psup	1.3	kW			
Thermostat-off mode	$P_{TO}$	0.022	kW							
Standby mode	$P_SB$	0.022	kW	Type of energy input						
Crankcase heater mode	$P_{CK}$	0.000	kW			Electrical				
Other items		l		I I						
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h			
Sound power level, indoors/outdoors	L <sub>WA</sub>	40/58	dBA							
Annual energy consumption	$Q_{HE}$	3473	kWh							
For heat pump combination heater:		<u>.                                    </u>	<u>!</u>	1 1						
Declared load profile		XL		Water heating energy efficiency	ηwh	120	%			
Daily electricity consumption	Qelec	6.600	kW/h							
Annual electricity consumption	AEC	1451	kW/h							
Contact details		1	1	1.1						

<sup>(\*)</sup> For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

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

Model(s):		Outdoor u	ınit:	PUZ-WM85YAA(-BS)			
		Indoor un	it:	ERPT30X-**D			
Air-to-water heat pump:				yes			
Water-to-water heat pump:				no			
Brine-to-water heat pump:				no			
Low-temperature heat pump:				no			
Equipped with a supplementary hea	ater:			yes			
Heat pump combination heater:				yes			
Parameters for				medium-temperature application.			
Parameters for				colder climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.1	kW	Seasonal space heating energy efficiency	ηѕ	132	%
Declared capacity for heating for p	art load a	t indoor		Declared coefficient of performance of	or primary e	nergy ratio	for
temperature 20 °C and outdoor tem	perature ·	Тј		part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj
Tj = - 7 °C	Pdh	3.9	kW	Tj = - 7 °C	COPd	2.98	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	3.6	kW	Tj = + 2 °C	COPd	3.96	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	3.6	kW	Tj = + 7 °C	COPd	4.80	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	7.06	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	5.0	kW	Tj = bivalent temperature	COPd	2.11	-
Tj = operation limit temperature	Pdh	5.0	kW	Tj = operation limit temperature	COPd	1.71	-
Tj = $-15$ °C (if TOL < $-20$ °C)	Pdh	7.5	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	2.07	-
Bivalent temperature	Tbiv	-15	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other	than act	ive mode		Supplementary heater			
Off mode	$P_{OFF}$	0.022	kW	Rated heat output (*)	Psup	6.1	kW
Thermostat-off mode	$P_{TO}$	0.022	kW				
Standby mode	$P_SB$	0.022	kW	Type of energy input		□ t-: l	
Crankcase heater mode	$P_{CK}$	0.000	kW			Electrical	
Other items					1		
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m <sup>3</sup> /h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40/58	dBA				
Annual energy consumption	$Q_{HE}$	4376	kWh				
For heat pump combination heater:				· ·			
Declared load profile		XL		Water heating energy efficiency	ηwh	96	%
Daily electricity consumption	Qelec	8.200	kW/h				
Annual electricity consumption	AEC	1808	kW/h				
Contact details		I	<u> </u>	<u> </u>			

<sup>(\*)</sup> For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

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

Model(s):		Outdoor u	ınit:	PUZ-WM85YAA(-BS)			
		Indoor un	it:	ERPT30X-**D			
Air-to-water heat pump:				yes			
Water-to-water heat pump:				no			
Brine-to-water heat pump:				no			
Low-temperature heat pump:				no			
Equipped with a supplementary hea	ater:			yes			
Heat pump combination heater:				yes			
Parameters for				low-temperature application.			
Parameters for				colder climate conditions.			
Item	Symbol	Value	Unit	ltem	Symbol	Value	Unit
Rated heat output (*)	Prated	4.9	kW	Seasonal space heating energy efficiency	ηѕ	175	%
Declared capacity for heating for p	art load a	t indoor		Declared coefficient of performance	or primary e	nergy ratio	for
temperature 20 °C and outdoor tem	perature	Тj		part load at indoor temperature 20 °C	C and outdo	or tempera	ture Tj
Tj = - 7 °C	Pdh	4.4	kW	Tj = - 7 °C	COPd	4.31	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 2 °C	COPd	5.13	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	5.76	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	8.18	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	4.6	kW	Tj = bivalent temperature	COPd	2.29	-
Tj = operation limit temperature	Pdh	4.6	kW	Tj = operation limit temperature	COPd	2.29	-
Tj = $-15$ °C (if TOL < $-20$ °C)	Pdh	7.5	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	3.10	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other	than act	ive mode		Supplementary heater			
Off mode	P <sub>OFF</sub>	0.022	kW	Rated heat output (*)	Psup	4.9	kW
Thermostat-off mode	$P_{TO}$	0.022	kW				
Standby mode	$P_SB$	0.022	kW	Type of energy input			
Crankcase heater mode	$P_{CK}$	0.000	kW			Electrical	
Other items		•					
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40/58	dBA				
Annual energy consumption	$Q_HE$	2733	kWh				
For heat pump combination heater:				· ·			
Declared load profile		XL		Water heating energy efficiency	ηwh	96	%
Daily electricity consumption	Qelec	8.200	kW/h				
Annual electricity consumption	AEC	1808	kW/h				
Contact details		1					

<sup>(\*)</sup> For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

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

Model(s):		Outdoor unit:		PUZ-WM85YAA(-BS)				
Indoor unit:			ERPT30X-**D					
Air-to-water heat pump:				yes				
Water-to-water heat pump:				no				
Brine-to-water heat pump:				no				
Low-temperature heat pump:		no						
Equipped with a supplementary hea	yes							
Heat pump combination heater:	yes							
Parameters for	medium-temperature application.							
Parameters for	warmer climate conditions.							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Rated heat output (*)	Prated	8.5	kW	Seasonal space heating energy efficiency	ηѕ	159	%	
Declared capacity for heating for pa	art load a	t indoor		Declared coefficient of performance or primary energy ratio for				
temperature 20 °C and outdoor temperature T j				part load at indoor temperature 20 °C and outdoor temperature Tj				
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	_	
Degradation co-efficient (**)	Cdh	-	-					
Tj = + 2 °C	Pdh	8.5	kW	Tj = + 2 °C	COPd	1.88	-	
Degradation co-efficient (**)	Cdh	0.99	-				_	
Tj = + 7 °C	Pdh	5.5	kW	Tj = + 7 °C	COPd	3.22	-	
Degradation co-efficient (**)	Cdh	0.99	-					
Tj = +12 °C	Pdh	3.4	kW	Tj = +12 °C	COPd	5.76	-	
Degradation co-efficient (**)	Cdh	0.97	-					
Tj = bivalent temperature	Pdh	8.5	kW	Tj = bivalent temperature	COPd	1.88	-	
Tj = operation limit temperature	Pdh	6.1	kW	Tj = operation limit temperature	COPd	1.71	-	
Tj = $-15$ °C (if TOL < $-20$ °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-	
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C	
				Heating water operating limit temperature	WTOL	60	°C	
Power consumption in modes other	Supplementary heater							
Off mode	$P_{OFF}$	0.022	kW	Rated heat output (*)	Psup	0.0	kW	
Thermostat-off mode	$P_{TO}$	0.022	kW					
Standby mode	$P_{SB}$	0.022	kW	Type of energy input		Electrical		
Crankcase heater mode	P <sub>CK</sub>	0.000	kW					
Other items						1		
Capacity control		variable	Γ	Rated air flow rate, outdoors	-	2660	m <sup>3</sup> /h	
Sound power level, indoors/outdoors	$L_WA$	40/58	dBA					
Annual energy consumption	$Q_{HE}$	2799	kWh					
For heat pump combination heater:	Т							
Declared load profile	XL			Water heating energy efficiency	ηwh	135	%	
Daily electricity consumption	Qelec	5.900	kW/h					
Annual electricity consumption	AEC	1294	kW/h					

<sup>(\*)</sup> For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

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

Model(s):		Outdoor unit:		PUZ-WM85YAA(-BS)				
Indoor unit:			it:	ERPT30X-**D				
Air-to-water heat pump:				yes				
Water-to-water heat pump:				no				
Brine-to-water heat pump:				no				
Low-temperature heat pump:		no						
Equipped with a supplementary hea	yes							
Heat pump combination heater:	yes							
Parameters for	low-temperature application.							
Parameters for			warmer climate conditions.					
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Rated heat output (*)	Prated	8.5	kW	Seasonal space heating energy efficiency	ηѕ	234	%	
Declared capacity for heating for part load at indoor				Declared coefficient of performance or primary energy ratio for				
temperature 20 °C and outdoor temperature Tj				part load at indoor temperature 20 °C and outdoor temperature Tj				
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	_	
Degradation co-efficient (**)	Cdh	-	-					
Tj = + 2 °C	Pdh	8.5	kW	Tj = + 2 °C	COPd	3.66	-	
Degradation co-efficient (**)	Cdh	0.99	-					
Tj = + 7 °C	Pdh	5.5	kW	Tj = + 7 °C	COPd	4.91	-	
Degradation co-efficient (**)	Cdh	0.98	-					
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	7.66	-	
Degradation co-efficient (**)	Cdh	0.96	-					
Tj = bivalent temperature	Pdh	8.5	kW	Tj = bivalent temperature	COPd	3.66	-	
Tj = operation limit temperature	Pdh	6.1	kW	Tj = operation limit temperature	COPd	1.71	-	
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-	
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C	
				Heating water operating limit temperature	WTOL	60	°C	
Power consumption in modes other	Supplementary heater							
Off mode	$P_{OFF}$	0.022	kW	Rated heat output (*)	Psup	0.0	kW	
Thermostat-off mode	$P_{TO}$	0.022	kW					
Standby mode	$P_SB$	0.022	kW	Type of energy input		Electrical		
Crankcase heater mode	$P_{CK}$	0.000	kW			Liectrical		
Other items	_							
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m <sup>3</sup> /h	
Sound power level, indoors/outdoors	$L_WA$	40/58	dBA					
Annual energy consumption	$Q_{HE}$	1916	kWh					
For heat pump combination heater:								
Declared load profile	XL			Water heating energy efficiency	ηwh	135	%	
Daily electricity consumption	Qelec	5.900	kW/h					
Annual electricity consumption	AEC	1294	kW/h					

<sup>(\*)</sup> 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.