

		PUZ-WM112YAA(-BS)					PUZ-WM112VAA(-BS)							PUZ-WM85YAA(-BS)							PUZ-WM85VAA(-BS)						PUZ-WM60VAA(-BS)					PUZ-WM50VHA(-BS)				Outdoor unit		
EHPX-***D	ERPT30X-***D	EHPT30X-***D	ERPT20X-***D	EHPT20X-***D	EHPX-****D	EKP130X-****D	Į š	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FRPT20X-***D	EHPT20X-****D	EHPX-***D	ERPT30X-****D	EHPT30X-****D	ERPT20X-***D	EHPT20X-***D	ERPT17X.****D	EHPT17X-***D	EHPX-***D	ERPT30X-***D	EHPT30X-***D	ERPT20X-****D	EHPT20X-****D	ERPT17X-***D	EHPT17X-***D	EHPX,****D	ERPT20X-***D	EHPT20X-****D	ERPT17X-***D	EHPT17X.****D	EHPX.****D	ERPT20X-***D	EHPT20X-***D	ERPT17X-***D	EHPT17X-***D		Indoor unit	2	
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A	A ‡	A++	A	Ì	Ì	Ì	‡	1	‡	A++	A++	A++	P	À:	Ì	Ž.	?	?	?	A	A	A	A ‡	ļ	‡	A ‡	‡	‡	‡	Ž.	‡	‡	A++	‡	Seas efficie	onal space heating energy ency class	cn	
	Þ	Þ	ş	?		Þ	>	. ;	4	Α+	•	Þ	>	¥	ş	Ļ	ş		Þ	Þ	Þ	ļ	2	ş	ŀ	¥	2	\$	₽		¥	P	Α+	ş	Wate	r heating energy efficiency	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	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	.e.	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 verage climate conditions	7	
5905	5905	5905	5905	5905	5905	5905	5905		5905	5905	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	3318	3318	3318	3318	3318	3014	3014	3014	3014	3014	≩ e	or space heating, annual nergy consumption under verage climate conditions	8	
	1443	1443	736	736	ŀ	1443	4.5	1	736	736		1451	1451	749	749	899	899	ŀ	1451	1451	749	749	899	899	ŀ	749	749	899	899	ŀ	803	83	902	902	≸ ei a	or water heating, annual lectricity consumption under verage climate conditions	9	
133	136	133	136	133	134	136	Ę.		136	134	138	141	138	41	138	141	138	139	41	139	141	139	41	139	142	145	142	145	142	129	133	129	133	129	CI	easonal space heating energy fficiency under average limate conditions	ō	
	120	120	148	148	ŀ	120	120		148	148	•	120	120	145	145	120	120	ŀ	120	120	145	145	120	120	ŀ	145	145	120	120	ŀ	135	135	120	120	or Se un Co	Vater heating energy efficiency inder average climate onditions	≟	
40	40	40	8	8	8	40	8	;	8	40	40	40	40	8	8	40	40	40	8	40	46	40	40	40	46	40	8	8	46	46	40	40	40	40	ab s	Sound power level L _{WA} indoor	12	For me
		ŀ		ŀ	ŀ	ŀ	ŀ							ŀ	ŀ		ŀ	ŀ	ŀ		ŀ	ŀ		ŀ	ŀ			ŀ	ŀ	Ŀ	ŀ	ŀ		Ŀ	Work	only during off-peak hours	13	medium-ter
9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2		9.2	9.2	6.1	6.1	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	KW R	Rated heat output under colder limate conditions	14	temperature
10.0	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	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	K∛ R	Rated heat output under varmer climate conditions	15	re appi
6990	6990	6990	6990	6990	6990	0669	6990	3	6990	6990	4376	4376	4376	4376	4376	4376	4376	4376	4376	4376	4376	4376	4376	4376	3671	3671	3671	3671	3671	2760	2760	2760	2760	2760	KWh G	or space heating, annual nergy consumption under older climate conditions	16	application.
3401	3401	3401	3401	3401	3401	3401	3401	2	3401	3401	2799	2799	2799	2799	2799	2799	2799	2799	2799	2799	2799	2799	2799	2799	1991	1991	1991	1991	1991	1616	1616	1616	1616	1616	1 < 10	or space heating, annual nergy consumption under varmer climate conditions	17	
	1808	1808	917	917		1808	8081		917	917		1808	1808	927	927	1073	1073		1808	1808	927	927	1073	1073		927	927	1073	1073		934	934	1065	1065	KWh F	or water heating, annual nergy consumption under older climate conditions	18	
	1294	1294	674	674		1294	1294		674	674		1294	1294	679	679	803	803		1294	1294	679	679	803	803		679	679	803	803		709	709	805	805	KWh F e w	or water heating, annual nergy consumption under varmer climate conditions	19	
121	124	121	124	121	122	124	122	;	124	122	128	132	128	132	128	132	128	129	132	129	132	129	132	129	127	130	127	130	127	107	∄	107	111	107	≫ er	seasonal space heating energy fficiency under colder climate onditions	20	
150	154	150	154	150	152	20	152	;	ż	152	155	159	155	159	155	159	155	156	159	156	159	156	159	156	154	158	1	158	154	157	162	157	162	157	≫ ei	Seasonal space heating energy efficiency under warmer climate conditions	21	
	96	96	118	118	ŀ	98	· #	;	1 2	118		96	96	116	116	101	101		98	96	116	116	<u>=</u>	101	ŀ	116	116	101	10.		116	116	101	101	o Vu	Vater heating energy efficiency nder colder climate conditions	22	1
	135	135	161	161		135	135		161	161		135	135	161	161	135	135		135	135	161	161	135	135		161	161	135	135		154	154	135	135	IXIu	Vater heating energy efficiency nder warmer climate onditions	23	
60	60	60	60	60	8	g	8	3 8	e e	60	58	58	58	55	58	58	58	58	55	58	58	58	58	58	58	58	58	58	58	62	62	62	61	61	a s	Sound power level L _{WA}	24	
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A+++	A++	A+++	A+++	A+++	A+++	A***	Ą	+	A	A+++	A+++	A+++	A++	A+++	A + +	A***	A***	A++	A+++	A++	A++	A++	A ‡	A+++	A+++	A+++	A+++	A++	A+++	A+++	A+++	A + +	A+++	A++	Seas	onal space heating gy efficiency class	55	
	>	Α	4	>	į.	>	t	$^{+}$	†	A+		>	>	·	· •	Ą			>	>	P	Ą		Ą	t	Ą	· 2	ļ.		i.	<u>.</u>	<u>.</u>	A+	Ą		r heating energy efficiency	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	8.5	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	⊼ R	Rated heat output under everage climate conditions	7	
4145	4145	4145	4145	+	╀	+	+	+	+	4145	3473	3473	3473	3473	3473	3473	3473	3473	3473	3473	3473	3473	3473	3473	2475	2475	2475	2475	2475	2113	2113	2113	2113	2113	KV F	or space heating, annual	8	
	1443	1443	736	t.		1443	1.	$^{+}$	$^{+}$	736	•	1451	1451	749	749	899	899		1451	1451	749	749	t	899	t	749	749	899	899		803	803	902	902	_ E	verage climate conditions or water heating, annual ectricity consumption under verage climate conditions	9	
189	195	189	195	+	191	t	+.	+	+	191	190	197	190	197	190	197	190	193	197	193	╁	193	╁	193	H	197	+	197	H	183	190	183	190	183	s S ⊗ ei	Seasonal space heating energy	10	
	120	120	148	+	<u> </u>	120	+.	+	+	148		120	120	145	145	120	120		120	120	145	145	+	120	╁	145	145	120	120	i.	135	135	120	120	l v	limate conditions Vater heating energy efficiency inder average climate onditions	=	
40	40	40	8	40	8	H	+	+	+	40	40	40	4	8	8	40	46	40	8	40	46	40	+	46	H	40	8	40	48	4	4	8	40	40		onditions Sound power level L _{WA} indoor	12	Į.
				ļ.	١.	t.	١.	t	+												١.	ļ.	l.	ļ.	ļ.	١.			-	١.					Work	only during off-peak hours	13	יו
9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	2 5	9.9	9.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.4	4.4	4.4	4.4	4.4	4.2	4.2	4.2	4.2	4.2	⊼ R	Rated heat output under colder limate conditions	14	low-temperat
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	8.5	8.5	8.5	+	8.5	╁	6.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0	5.0	z R	Rated heat output under	15	rature appl
.0 5528	.0 5528	.0 5528	.0 5528	.0 5528	.0 5528	+	+	+	+	_	5 2733	5 2733	\vdash	H	5 2733	5 2733	5 2733	5 2733	5 2733	5 2733	+	\vdash	+	\vdash	+	0 2492	0 2492	0 2492	0 2492	0 2713	0 2713	0 2713	0 2713	0 2713	- F	or space heating, annual	_	olication
-	Н	H	\vdash	+	╁	+	+	+	+	-	_	H.	2733 19	2733 19	-		١.	١.	+	H	2733 19	2733 19	2733 19	2733 19	١.	_	+	H	H	+	Η.	Н	-	13 1111	⊼ F	nergy consumption under older climate conditions	6	ľ
2394	2394 18	2394 18	2394 9	2394 9	2394	t.	+	+	+	2394 9-	1916 .	1916 18	1916 18	1916 92	1916 93	1916 10	1916 10	1916	1916 18	1916 18	t	1916 9:	+	1916 10	+	397 93	397 93	1397 10	1397 10	111	1111 93	1111 90	1111 10		N w	nergy consumption under varmer climate conditions	17 1	
	808 12	1808 12	917 6	+	ļ.	12	+	Η.	+	917 6	_	1808 12	1808 12	927 6	927 6	1073 8	1073 8	ļ.	1808	1808 12	927 6	927 6	+	1073 8	t	927 6	927 6	1073 8	1073 8	ŀ.	934 7	934 7	1065 8	1065 8	₋	nergy consumption under older climate conditions or water heating, annual energy consumption under	18	
	294 1	294 1	674 1	+	ľ	294	Η.	+	+	674 1	- 1	294 1	294 1	679 1	679 1	803 1	803		294 1	294 1	679 1	679 1	+	803	-	679 1	679 1	803	803 1	ļ.	709 1	709 1	805 1	805 1	s	varmer climate conditions seasonal space heating energy	19	
165	169	165	169	+	╁	+	+	+	+	166	166 2	175	166	175	166	175	166	169	175	169	H	H	╁	169	╁	173	\vdash	173	H	4	146	141	146	141	or er	fficiency under colder climate onditions	20	1
213	220	213	220	H	215	t	+	$^{+}$	+	215	224	234	224	234	224	234	224	227	234	227	234	227	+	227	218	226	218	226	218	226	237	226	237	226	C	seasonal space heating energy fficiency under warmer climate onditions	21	
•	96	96	118	118	ŀ	98	96	3 3	118	118	-	96	96	116	116	101	101	ŀ	96	96	116	116	101	101	ļ.	116	116	2	2	Ŀ	116	116	101	101	° u	Vater heating energy efficiency inder colder climate conditions	22	
•	135	135	161	161	ŀ	135	135	1	2	161		135	135	161	161	135	135	ŀ	135	135	161	161	135	135	ļ.	161	161	135	135	Ŀ	154	154	135	135	CI	Vater heating energy efficiency inder warmer climate onditions	23	
60	60	60	60	60	60	g	8	3 8	8	60	58	58	58	58	58	58	58	25	58	58	58	8	58	58	58	58	8	58	58	2	61	62	61	61	SB S	Sound power level L _{WA} utdoor	24	

24 het g äänit	Sour	23 de ei	Wate	22 de ei	Viate	Klima	of de se	Seas	tilalā	20 de se klima	Sea	veds	19 woor	For	vedt	18 woor	For	Siell.	17 your	For t	tilalä	16 your	Fors	15 de ni	Rate	14 de n	toim	13 werk	ääni. Work	12 het g	vede	Wate	tilalā	10 de se klima	Seas	wede	9 woor	For	tials	8 woor	For:	nime	7 Rate	6 de ei	Wate	5 de se	Seas	4 laget	kesk	3 midd	Siså	2 binne	Ullko	Oute	Suon Ned
peluldsvermogensniveau L _{IVA} bullen L Iehotaso L _{IVA} ulikona h	nd power level L _{AM} outdoor	nergie-efficiëntie voor waterverwarming onder warmere kilmaatomstandigheden Eniammityksen energialehokkuus kylmissä ilmaato-olosuhteissa	or heating energy efficiency under warmer climate conditions	nergie-efficiëntie voor waterverwarming onder koudere klimaatomstandigheden Enitrontiksen anergiatehokkuus kylmissä ilmasto-olosuhteissa e	lämmityksen kausittainen energiateinokkuus lämpimissä ilmasto-otosuhteissa tar hesting energy efficiengy under codder climate conditions		mere		inen energiatehokkuus kylmissä ilmasto-olosuhteissa	sizoensgebonden energie-efficiëntie voor ruimteverwarming onder koudere	conal space heating energy efficiency under colder climate conditions d	vedenlämmityksestä vuotuinen sähkönkulutus lämpimissä ilmasto-olosuhteissa p	waterverwarming, het jaarlijkse elektriciteitsverbruik onder warmere klimaatomstandigheden	1		aatomstandigheden	ľ	illalämmityksestä vuotuinen energiankulutus lämpimissä ilmasto-olosuhteissa p	mstandigheden	space heating, annual energy consumption under warmer climate conditions	mmityksestä vuotuinen energiankulutus kylmissä ilmasto-olosuhteissa	standigheden	For space heating, annual energy consumption under colder climate conditions	ominale warmteafgifte, onder warmere klimaatomstandigheden Nillisiärnoöteho. Iämpinnissa ilmasto-olosuhteissa	d heat output under warmer climate conditions	ominale warmteafgiffe, onder koudere klimaatomstandigheden N	imaan alinoastaan kulutushulppujen ulkopuolelila pi d heat output under colder climate conditions d	en uitsluitend in de daluren d	lehotaso L _{WA} sisällä h only during off-peak hours	nd power level L _{I/M} indoor d seluidsvermogensniveau L _{I/M} binnen L	nergie-emcietike voor waterverwarming(onder germodelde kiimatiomskandigheden) enfamnityksen energiatehokkuus(keskimääräisissä iimasto-olosuhteissa) e	r heating energy efficiency under average climate conditions	mmityksen kausittainen energiatehokkuus(keskimääräisissä ilmasto-olosuhteissa)	sizoensgebonden energie-efficiëntie voor ruimteverwarming(onder gemiddelde sistomstandigheden)	Seasonal space heating energy efficiency under average climate conditions	nlämnityksestä vuotuinen sähkönkulutus(keskimääräisissä ilmasto-olosuhtekssa)	watervervarming, het jaarlijkse elektriciteitsverbruik(onder gemiddelde klimaatomstandigheden). F	For water heating, annual electricity consumption under average climate conditions	mmityksestä vuotuinen energiankulutus(keskimääräisissä ilmasto-olosuhteissa)	voor ruimtevenvarming, het jaarlijkse energieverbruik(onder gemiddelde klimaalomstandigheden)	For space healing, annual energy consumption under average climate conditions	Illislämpöteho(keskimääräisissä ilmasto-olosuhteissa)	d heat output under average climate conditions d display average climate conditions d display average climate conditions	nergie-efficiëntieklasse voor waterverwarning anlämmityksen energiatehokkuusluokka	ir heating energy efficiency class	voor ruimteverwarming	gy officiency class c	emperatuur-toepassing	liämpöbilan sovellus s Jemnesture andication	ium-temperature application A fentemperature-toepassing n	yksikkö	or unit la	yksikkö V	loor unit	oriands s
Ljudelfektinivan L _{VM} , i utomhus hladina akustického výkonu L _{VM} , ve venkovním prostoru	er Schalleistungspegel L _{IVA} im Freien	Energieffektivitet vid vattenuppvämmning under varmare klimatiörhällanden energatioka üzinnost olivevu vodv za teoleisich klimatiokvoh podminek	le Warmwasserbereitungs-Energieeffizienz bei wärmeren Klimaverhältnissen	inergieffektivitet vid vatteriuppvärmning under kallare klimatförhållanden nergetická účinnost ohlfevu vody za chladnějších klimatických podmínek	sezonni energeticka udinnost vytapeni za teplejších klimatických podmínek lie Warmwasserbereitungs-Energioefizienz bej kälteren Klimaverhältnissen	овол қолтология туру вол толтору контисту баттара дейтерін таналысты.	äsonosmadaluadninosonad för numsunnvärmninn undor varmara klimatörhällanden	lie iahreszeitbedinote Raumhetzungs-Energieeffizienz bei wärmeren Klimaverhältnissen	sezonní energetická účinnost vytápění za chladnějších klimatických podmínek	Säsongsmedelverkningsgrad för rumsuppvärmning under kallare klimatförhållanden	lie jahreszeitbedingte Raumheizungs-Energieeffizienz bei kälteren Klimaverhältnissen	pro chřev vody – roční spotřeba elektrické energie za teplejších klimatických podmínek	För vattenuppvärmning, årlig elförbrukning under varmare klimatförhållanden	dimaverhältnissen	pro ohřev vody – roční spotřeba elektrické energie za chladnějsích klimatických podminek Tře die Warrnwasserberejtuna, der lährliche Stromverbrauch bel vrármeren	För valtenuppvärmning, ärlig elförbrukning under kallare klimatförhållanden	ür die Warmwasserbereitung, der jährliche Stromverbrauch bei kälteren Klimaverhältnissen	pro vytlapění – roční spotřeba energie za teplejších klimatických podmínek	ör rumsuppvärmning, árlig energiförbrukning under varmare klimatförhállanden	für die Raumheizung, der jährliche Energieverbrauch bei wärmeren Klimaverhältnissen	pro vytápění – rožní spotřeba energie za teplejších klimatických podmínek	ör rumsuppvärmning, ärlig energiförbrukning under kallare klimatförhållanden	ür die Raumheizung, der jährliche Energieverbrauch bei kälteren Klimaverhältnissen	Nomínell avgiven värmeeffekt vid varmare klimatförhållanden menovilý teoelný výkon za teoletších klimatických oddmínek	He Wärmenennleistung bei wärmeren Klimaverhältnissen	Nomintell avgiven värmeeffekt vid kallare klimatförhållanden	yrovozu pouze mlmo špičku ie Wärmenennleistung bei kätteren Klimaverhältnissen	drivas vieslutande under perioder med låg belastning	nladina akustického výkonu L _{vm} ve vnitřním prostoru Jass ein ausechließlicher Betrieb des Kombilheizográtes zu Schwachlastzeiten	ter Schallfeistungspegel L _{I/M} , in Gebäuden judeffektnivà L _{I/M} , i inomhus	e nergietrektivnet via vatterruppvarmning(via genomsnittilga klimatromalianben) energietická účinnost ohfevu vody za průměrných klimatických podmínek	ile Warmwasserbereitungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen	sezonní energetické účinnost vytápění za průměrných klimatických podmínek	Säsongsmedelverkningsgrad för rumsuppvärmning(vid genomsnittliga klimatförhållanden)	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen	oro ohřev vody – roční spočřeba elektrické energie za průměrných klimatických podmínek	För vattenuppvärmning, årlig elförbrukning(vid genomsnittliga klimatförhållanden)	für die Warmwasserbereitung, den jährflichen Stromwerbrauch bei durchschnittlichen Klimaverhältnissen	oro vytápění – roční spotřeba energie za průměrných klimatických podmínek	För rumsuppvärmning, ärlig energiförbrukning(vid genomsnittliga klimatförhållanden)	für die Raumheizung, den jährlichen Energieverbrauch bei durchschnittlichen (limaverhältnissen	Inenovilý tepelný výkoníza průměrných klimatických podmínek)	lie Wärmenennleistung bei durchschnittlichen Klimaverhältnissen en nominella avglyna värmeeffektenlunder gegomentitiga klimatforhållanden)	anergieffektivitetsklass vid vattenuppvärmning Ifida energetické účinnosti ohlfevu vody	He Klasse für die Warmwasserbereitungs-Energleeffizienz	ශ්songsrelaterade energieffektivitetsklass vid rumsuppvärmning	nizkateplotni aplikace die Klasse für die jahreszeitbedingte Raumheizungs-Energieoffizienz	áglemperaturapplikation	vibedněteplotní aplikace Vadademoraturanworturo	Mitteltemperaturanwendung mediumtemperaturapplikation	Vnitřní jednotka	nnengerät oonbusenhet	Venkovní jednotka	Judengerät	Swonska Častina
уудейейлі меан L _{IVI} і ude нивото на звуковата мошност L _{IVI} на открито	le niveau de puissance acoustique L _{VM} à l'extérieur	energieffektiviteten wed vandopvarmning under varmere klimaforhold energieffektiviteten ved vandopvarmning under varmere klimaforhold	l'efficacité énergétique pour le chauffage de l'eau, dans les conditions climatiques plus chaudes		свзонната внергийна ефективност при отопление при по-топли климатични условия Гебрасф énergétous sour le chaufface de l'eau dans les conditions climatiques plus foides	аголимандовремента вентина вентинувания под	chaudes chaudes drewikininggrades and rimpowamping under varmers kilmatochold	l'efficactié énergétique saisonnière pour le chauffage des locaux, dans les conditions climatiques p	сезонната енергийна ефективност при отопление при по-студени климатични условия	årsvirkningsgraden ved rumopvarmning under koldere klimaforhold	i emicione energenque sasconniere pour le chaunage des locatux, dans les condinons climanques produes	CILIN	for vandopvarmning det ärlige elforbrug under varmere klimaforhold	plus chaudes	климатични условия our le chaufface de l'eau. le consommation annuelle d'électricité, dans les conditions climatiques	for vandopvermning det årlige elforbrug under koldere klimaforhold за подгояване на вода, годишного потребление на електроенергия при по-студени	plus froides	е, годишното потребление на енерг	for rumopvarmning det årlige energiforbrug under varmere klimaforhold	pour le chauffage des locaux, la consommation annuelle d'énergie, dans les conditions climatiques plus chaudes	за отопление, годишното потребление на енергия при по-студени климатични условия	for rumpyvarmning det ärlige energiforbrug under koldere klimaforhold	pour le chauffage des locaux, la consommation annuelle d'énergie, dans les conditions climatiques	den nominelle nytteelfiekt under varmere klimaforhold HOMBINER TORDINHHA MOULHOET DON 10-TORDIN KUMMSTWUHN VCDOBME	la puissance thermique nominale, dans les conditions climatiques plus chaudes	den nominelle nytteeffekt under koldere klimaforhold	работи само в часовете извън върховото натоварване la puissance thermique nominale, dans les conditions climatiques plus froides	fungere uden for spädsbelastningssperioder	нивото на звуковата мощност L _{WA} на закрито lonctionner ou en heures creuses	le niveau de puissance acoustique L _{VM} , à l'intérieur lydeifektniveauet L _{VM} , i inde	енедентехичетел чео капкорматтипіз(цпает деплетвялице киталоттука) енергийната ефективност при подгряване на вода(при средни климатични условия)	l'efficacité énergétique pour le chauffage de l'eau(dans les conditions climatiques moyennes)	овзонната внерлийна ефективност при отопление(при средни климатични условия)	årsvirkningsgraden ved rumopvarmning(under gennemsnitlige klimaforhold)	l'efficacité énergétique saisonnière pour le chauffage des locaux(dans les conditions dimatiques moyennes)	за подгряване на вода, годишного потребление(при средни климатични условия)	for vandopvarmning det årlige elforbrug(under gennemsnitlige klimaforhold)	pour le chauffage de l'eau, la consommation annuelle d'électricité(dans les conditions climatiques moyennes)	за отопление, годишното потребление на енергия(при средни климатични условия)	for rumopvarmning det ärlige energiforbrug(under gennemsnitlige klimatorhold)	pour le chauffage des locaux, la consommation annuelle d'energie(dans les conditions climatiques moyennes)	очет поставляют у возменения мощност (при средня климатични условия)	la puissance thermique nominale dans les conditions climatiques moyennes den nominale nutreeffectiunder connementations klimatorhold).	klassen for årsvirkningsgrad ved vandopvarmning класът на енергийната ефективност при подгряване на вода	la classe d'efficacité énergétique, pour le chauffage de l'eau	klassen for årsvirkningsgrad ved rumopyarmning	нискотемпературни приложения la classe d'efficacité énergétique saisonnière, pour le chauffage des locaux	lavtemperaturanvendelsen	среднотемпературного приложение	l'application à moyenne température middeltemperaturanvendelsen	Вътрешно тяло	unité intérieure	Bahtilho 1990	unité extérieure	Darrsk Burraposki
O nível de potência sonora L _{IVII} no exterior poziom mocy akustycznej L _{IVII} na zewnątrz	il livello di potenza sonora L _{VIA} all'esterno	a eficiléncia energética do aquecimento de água em condições climáticas mais quentes elektrivnosts energeticana podorzavania wody w warunkach klimatu ciecéeco	l'efficienza energetica di riscaldamento dell'acqua in condizioni climatiche più calde	a eficiência energética do aquecimento de água em condições climáticas mais frias efektywność energetyczna podgrzewania wody w warunkach klimatu chłodnego	Cleplego Felficienza energetica di riscaldamento dell'accua in condizioni dimatiche più fredde	Sezonowa efektywność enerostyczna odrzewania pomieszczeń w warunkach klimatu	A oficióncia enemática do asuecimento ambiente sazonal em condiciões cilimáticas mais cuentes	plus reflicienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più calde	sezonowa efektywność energetyczna ogrzewania pomieszczeń w warunkach Klimatu	A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais frias	plus l'efficienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più fredde	w oraliesienu ob posjrzewania woży, roczne zużycze etietgii elekcycznej w warunkach kinnau olepiego	QUENTOS	ua. o consumo anual de eletricidade em condições clim	chlodnego childrego childrego	para o aquecimento de água, o consumo anual de eletricidade em condições climáticas mais finas w odniestentu do podorzavvania wody, roczne zużycie energii elektrycznej w warunkach klimatu.	calde	Cleptego	Para o aquecimento ambiente, o consumo anual de energia em condições climáticas mais quentes w octobasimi, do consevuada comissarando rozana subvisa energia w warunkach klimati.	es per il riscaldamento d'ambiente, il consumo annuo di energia, in condizioni climatiche più calde	w odniesieniu do ogrzewenia pomieszczeń, roczne zużycie energii w warunkach klimatu chłodnego	Para o aquecimento ambiente, o consumo anual de energia em condições climáticas mais frias	es per il riscaldamento d'ambiente, il consumo annuo di energia, in condizioni climatiche più fredde	A poténcia calorifica nominal em condições climáticas mais quentes znamionowa mos céctina w warunkach klimátic debieco	la potenza termica nominale, in condizioni climatiche più calde	A potência calorifica nominal em condições climáticas mais frias	pracować jedynie w godzinach poza szczytowym obciążeniem la potenza termica nominale, in condizioni climatiche più fredde	de funcionar unicamente fora das horas de pico	poziom mocy akustycznej L _{WA} w pomieszczeniu funzione soltanto durante le ore morte	Il livello di potenza sonora L _{viv} , all'interno O nivel de potència sonora L _{viv} , no interior	a enciencia energenca do aquecimento de agua(em contrições cimancias metuais) efektywność energetyczna podgrzewania wody(w warunkach klimatu umiarkowanego)	l'efficienza energetica di riscaldamento dell'acqua(in condizioni climatiche medie)	sezonowa efektywność energetyczna ogrzewania pomieszczeń(w warunkach klimatu umiarkowanego)	A eficiência energética do aquecimento ambiente sazonal(em condições climáticas médias)	l'efficienza energetica stagionale di riscaldamento d'ambiente (in condizioni climatiche medie)	w odniesieniu do podgrzevania wody, roczne zużycie energii elektrycznej(w warunkach klimatu umiarkowanego)	para o aquecimento de água, o consumo anual de eletricidade(em condições climáticas médias)	per il riscaldamento dell'acqua, il consumo annuo di energia(in condizioni climatiche medie)	w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii(w warunkach klimatu umiarkowanego)	Para o aquecimento ambiente, o consumo anual de energia(em condições climáticas médias)	per il riscaldamento d'ambiente, il consumo annuo di energia(in condizioni climatiche medie)	znamionowa moc depina(w warunkach kilmatu umlarkowanago)	la potenza termica nominale(in condizioni climatiche medie) A potencia calorifica nominaliem condiziose climatiche medias)	A classe de eficiência energética do aquecimento de água klasa efektywności energetycznej podgrzewania wody	la classe di afficienza energetica del riscaldamento dell'acqua	mento ambiente sazo	zastosowania w niskich temperaturach ta classe di efficienza energetica stagionale del riscaldamento d'ambiente	a splicação a balva temperatura	zastosowania w średnich temperaturach	le applicazioni a media temperatura a aplicação a média temperatura	jednostka wewnętrzna	unità interna unidade interior	Jednosika zewnętrzna	unità esterna	Potkylvås Polski
η ατάθμη ηχητικής σκχύος L _{VM} εξωτερικού χώρου	el nivel de patencia acústica L _{IVA} en exteriores	η ενεργειακή απόδοση της θέρμανσης νερού υπό θερμάτερες κλιματικές συνθήκες	ncia energética de caldeo	η ενεργεσική απόδοση της θέρμανσης νερού υπό ψυχρότερες κλιματικές συνθήκες	la eficiencia energética de caldeo de agua en conficieros climáticas más frias	συνθήκες	η ενεργεακή απόδοση της εποχιακής θέρμανσης χώρου υπό θερμότερες κλιματικές	la eficiencia energetica estacional de calefacción en condiciones climáticas más cálidas		η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου υπό ψυχρότερες κλιματικές συνθήκες	la eficiencia energetica estacional de calefacción en condiciones climáticas más frias		anybits?	_	_	anyblikes .		-	ss για θέρμανση χώρου, η επήσια κατανάλωση ενέργειας υπό θερμότερες κλιματικές συνθήκες	para calentar espacios, el consumo anual de energía en condiciones climáticas más cálidas		για θέρμανση χώρου, η επήσια κατανώλωση ενέργειας υπό ψυχρότερες κλιματικές συνθήκες	para calentar espacios, el consumo anual de energía en condiciones climáticas más frías	η ονομαστική θερμική ισχύς υπό θερμότερες κλιματικές συνθήκες	la potencia catorifica nominal en condiciones climáticas más cálidas	η ονομαστική θερμική ισχύς υπό ψυχρότερες κλιματικές συνθήκες	la potencia calorifica nominal en condiciones climáticas más frias	λετουργία μόνο εκτός των ωρών σιχμής	funcionar solamente durante las horas de baia demanda	el nivel de potencia acústica L _{VM} en interiores η στάθμη ηχητικής ισχύος L _{VM} εσωτερικού χώρου	d systemal annoced echanolis echanions incress syliamics anientics)	la eficiencia energética del caldeo de agua(en condiciones climáticas medias)		η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου(υπό μέσες κλιματικές συνθήκες)	la eficiencia energética estacional de calefacción(en condiciones climáticas medias)		για την θέρμανση νερού, η επίρια κατανάλωση ηλεκτρικής ενέργειας(υπό μέσες κλιματικές αυνθήκες)	para calentar agua, el consumo anual de electricidad(en condiciones climáticas medias)		για τη θέρμανση χώρου, η επίσια κατανάλωση ενέργειας(υπό μέσες κλιματικές συνθήκες)	para calentar espacios, el consumo anual de energia(en condiciones climáticas medias)	Conjunction Control of Struct Service Control of Control o	la potencia calorifica nominal(en condiciones climáticas medias) n ovoucernich exoucirumó utere extuenice ouvernece)	η τάξη ενεργειακής απόδοσης θέρμανσης νερού	la clase de eficiencia energética del caldeo de agua	η τάξη ενεργειακής απόδοσης της εποχιακής θέρμανσης χώρου	la clase de eficiencia energática estacional de calefacción	η εφαργογή σε (χαμηλή θερμοκρασία	la anticación de baja temporatura	la aplicación de media temperatura η εφαρμογή σε μέση θερμοκρασία		unidad interior	Equisping Juoyanoa	unidad exterior	Ελληνικά

Model(s):		Outdoor u	ınit:	PUZ-WM50VHA(-BS)			
		Indoor uni	it:	EHPT17X-**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	iter:			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	5.0	kW	Seasonal space heating	ηs	129	%
Declared capacity for heating for pa	I art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C			
Tj = - 7 °C	Pdh	4.4	kW	Tj = - 7 °C	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	2.7	kW	Tj = + 2 °C	COPd	3.29	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	1.7	kW	Tj = + 7 °C	COPd	4.47	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = +12 °C	Pdh	1.8	kW	Tj = +12 °C	COPd	6.67	-
Degradation co-efficient (**)	Cdh	0.94	-				
Tj = bivalent temperature	Pdh	4.4	kW	Tj = bivalent temperature	COPd	2.04	_
Tj = operation limit temperature	Pdh	3.5	kW	Tj = operation limit temperature	COPd	1.75	-
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
Dower consumption in modes other	than acti	vo modo		temperature Supplementary heater	WIOL	00	
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	0.8	kW
	P _{OFF}			Nated Heat Output ()	FSup	0.6	KVV
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode Other items	Рск	0.000	kW				
Capacity control		variable		Rated air flow rate, outdoors		2140	m ³ /h
,			4DA	Nated all flow rate, outdoors	-	2140	111 /11
Sound power level, indoors/outdoors	L _{WA}	40/61	dBA				
Annual energy consumption	Q _{HE}	3014	kWh				
For heat pump combination heater:				<u> </u>			
Declared load profile		L		Water heating energy efficiency	ηwh	120	%
Daily electricity consumption	Qelec	4.100	kW/h				
Annual electricity consumption	AEC	902	kW/h				
Contact details							

^(*) 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-WM50VHA(-BS)			
		Indoor un	it:	EHPT17X-**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	5.0	kW	Seasonal space heating energy efficiency	ηѕ	183	%
Declared capacity for heating for pa	I art load a	t indoor		Declared coefficient of performance of	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	iture Tj
Tj = - 7 °C	Pdh	4.4	kW	Tj = - 7 °C	COPd	3.17	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	2.7	kW	Tj = + 2 °C	COPd	4.58	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = + 7 °C	Pdh	1.9	kW	Tj = + 7 °C	COPd	6.55	-
Degradation co-efficient (**)	Cdh	0.94	-				
Tj = +12 °C	Pdh	1.8	kW	Tj = +12 °C	COPd	8.57	-
Degradation co-efficient (**)	Cdh	0.92	-				
Tj = bivalent temperature	Pdh	4.4	kW	Tj = bivalent temperature	COPd	3.17	_
Tj = operation limit temperature	Pdh	3.5	kW	Tj = operation limit temperature	COPd	1.75	-
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
Dower consumption in modes other	than acti	ivo modo		temperature Supplementary heater	WIOL	00	
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	0.8	kW
	P _{OFF}			Kated Heat Output ()	FSup	0.6	KVV
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode Other items	Рск	0.000	kW				
Capacity control		variable		Rated air flow rate, outdoors		2140	m ³ /h
,			4DA	Nated all flow rate, outdoors	-	2140	111 /11
Sound power level, indoors/outdoors	L _{WA}	40/61	dBA				
Annual energy consumption	Q _{HE}	2113	kWh				
For heat pump combination heater:				<u> </u>			
Declared load profile		L		Water heating energy efficiency	ηwh	120	%
Daily electricity consumption	Qelec	4.100	kW/h				
Annual electricity consumption	AEC	902	kW/h				
Contact details							

^(*) 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-WM50VHA(-BS)			
		Indoor uni	it:	EHPT17X-**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	iter:			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	3.1	kW	Seasonal space heating	ηs	107	%
Declared capacity for heating for pa	I art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj
Tj = - 7 °C	Pdh	2.5	kW	Tj = - 7 °C	COPd	2.36	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 2 °C	COPd	3.42	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = + 7 °C	Pdh	1.5	kW	Tj = + 7 °C	COPd	4.41	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = +12 °C	Pdh	1.8	kW	Tj = +12 °C	COPd	6.92	-
Degradation co-efficient (**)	Cdh	0.94	-				
Tj = bivalent temperature	Pdh	2.5	kW	Tj = bivalent temperature	COPd	1.93	-
Tj = operation limit temperature	Pdh	2.5	kW	Tj = operation limit temperature	COPd	1.50	_
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-15	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit	WTOL	60	°C
Dower consumption in modes other	than acti	ivo modo		temperature Supplementary heater	WIOL	00	
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	3.1	kW
Thermostat-off mode	P _{OFF}	0.015		Nated Heat Output ()	FSup	3.1	KVV
	P _{TO}		kW	Town of annual insul			
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode Other items	P _{CK}	0.000	kW				
Capacity control		variable		Rated air flow rate, outdoors		2140	m ³ /h
Sound power level, indoors/outdoors		40/61	dBA	Trated all now rate, outdoors	_	2140	111 /11
	L _{WA}						
Annual energy consumption	Q _{HE}	2760	kWh				
For heat pump combination heater:				Makan kartina (C.)		404	0/
Declared load profile		L		Water heating energy efficiency	ηwh	101	%
Daily electricity consumption	Qelec	4.800	kW/h				
Annual electricity consumption	AEC	1065	kW/h				
Contact details							

^(*) 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-WM50VHA(-BS)			
		Indoor uni	it:	EHPT17X-**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	iter:			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	4.2	kW	Seasonal space heating	ηѕ	141	%
Declared capacity for heating for pa	l art load a	t indoor		energy efficiency Declared coefficient of performance of	r primary e	nergy ratio	for
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C		•	
Tj = - 7 °C	Pdh	2.7	kW	Tj = - 7 °C	COPd	3.25	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 2 °C	COPd	4.24	-
Degradation co-efficient (**)	Cdh	0.97	-			<u> </u>	
Tj = + 7 °C	Pdh	1.6	kW	Tj = + 7 °C	COPd	5.71	-
Degradation co-efficient (**)	Cdh	0.94	-				
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	8.26	-
Degradation co-efficient (**)	Cdh	0.93	_				
Tj = bivalent temperature	Pdh	4.0	kW	Tj = bivalent temperature	COPd	2.27	_
Tj = operation limit temperature	Pdh	4.0	kW	Tj = operation limit temperature	COPd	2.27	_
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd		_
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
Divaient temperature	TOIV	20	ľ	Heating water operating limit			-
				temperature	WTOL	60	°C
Power consumption in modes other		ı	134/	Supplementary heater	D	40	1.30/
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.2	kW
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2140	m ³ /h
Sound power level, indoors/outdoors	L_{WA}	40/61	dBA				
Annual energy consumption	Q_{HE}	2713	kWh				
For heat pump combination heater:				П			
Declared load profile		L		Water heating energy efficiency	ηwh	101	%
Daily electricity consumption	Qelec	4.800	kW/h				
Annual electricity consumption	AEC	1065	kW/h				
Contact details							

^(*) 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-WM50VHA(-BS)			
		Indoor uni	it:	EHPT17X-**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	iter:			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	5.0	kW	Seasonal space heating	ηs	157	%
Declared capacity for heating for pa	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				part load at indoor temperature 20 °C			
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	5.0	kW	Tj = + 2 °C	COPd	1.98	_
Degradation co-efficient (**)	Cdh	0.99	-			<u> </u>	
Tj = + 7 °C	Pdh	3.2	kW	Tj = + 7 °C	COPd	3.30	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	1.8	kW	Tj = +12 °C	COPd	5.81	_
Degradation co-efficient (**)	Cdh	0.95	_				
Tj = bivalent temperature	Pdh	5.0	kW	Tj = bivalent temperature	COPd	1.98	_
Tj = operation limit temperature	Pdh	3.5	kW	Tj = operation limit temperature	COPd	1.66	_
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
Divaloni tomporataro	1211			Heating water operating limit	WTOL		°C
				temperature	WIOL	60	
Power consumption in modes other Off mode		I	Is\A/	Supplementary heater	Davis		kW
	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	KVV
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{CK}	0.000	kW		1		
Other items						0440	3,,
Capacity control		variable		Rated air flow rate, outdoors	-	2140	m ³ /h
Sound power level, indoors/outdoors	L_{WA}	40/61	dBA				
Annual energy consumption	Q _{HE}	1616	kWh				
For heat pump combination heater:				H			
Declared load profile		L	_	Water heating energy efficiency	ηwh	135	%
Daily electricity consumption	Qelec	3.700	kW/h				
Annual electricity consumption	AEC	805	kW/h				
Contact details					·		

^(*) 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-WM50VHA(-BS)			
		Indoor uni	it:	EHPT17X-**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	iter:			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	5.0	kW	Seasonal space heating energy efficiency	ηѕ	226	%
Declared capacity for heating for pa	I art load a	t indoor		Declared coefficient of performance of	or primary e	nergy ratio	for
temperature 20 °C and outdoor tem	perature ·	Τј		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	5.0	kW	Tj = + 2 °C	COPd	3.68	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	3.2	kW	Tj = + 7 °C	COPd	4.92	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	7.92	-
Degradation co-efficient (**)	Cdh	0.93	-				
Tj = bivalent temperature	Pdh	5.0	kW	Tj = bivalent temperature	COPd	3.68	-
Tj = operation limit temperature	Pdh	3.5	kW	Tj = operation limit temperature	COPd	1.66	_
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
Dower consumption in modes other	than acti	vo modo		temperature Supplementary heater	WIOL	00	
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	0.0	kW
	P _{OFF}			Kated Heat Output ()	FSup	0.0	KVV
Thermostat-off mode	P _{TO}	0.015	kW	Town of consent			
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode Other items	Рск	0.000	kW				
Capacity control		variable		Rated air flow rate, outdoors		2140	m³/h
,		40/61	4DA	Nated all flow rate, outdoors	-	2140	111 /11
Sound power level, indoors/outdoors	L _{WA}		dBA				
Annual energy consumption	Q _{HE}	1111	kWh				
For heat pump combination heater:				<u> </u>			
Declared load profile		L		Water heating energy efficiency	ηwh	135	%
Daily electricity consumption	Qelec	3.700	kW/h				
Annual electricity consumption	AEC	805	kW/h				
Contact details							

^(*) 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-WM50VHA(-BS)			
		Indoor uni	it:	EHPT20X-**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	iter:			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	5.0	kW	Seasonal space heating energy efficiency	ηѕ	129	%
Declared capacity for heating for pa	I art load a	t indoor		Declared coefficient of performance of	or primary e	nergy ratio	for
temperature 20 °C and outdoor tem	perature ·	Τј		part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj
Tj = - 7 °C	Pdh	4.4	kW	Tj = - 7 °C	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	2.7	kW	Tj = + 2 °C	COPd	3.29	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	1.7	kW	Tj = + 7 °C	COPd	4.47	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = +12 °C	Pdh	1.8	kW	Tj = +12 °C	COPd	6.67	-
Degradation co-efficient (**)	Cdh	0.94	-				
Tj = bivalent temperature	Pdh	4.4	kW	Tj = bivalent temperature	COPd	2.04	-
Tj = operation limit temperature	Pdh	3.5	kW	Tj = operation limit temperature	COPd	1.75	_
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
Dower consumption in modes other	than acti	vo modo		temperature Supplementary heater	WIOL	00	
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	0.8	kW
	P _{OFF}			Kaled Heat Output ()	FSup	0.6	KVV
Thermostat-off mode	P _{TO}	0.015	kW	Towns of second based			
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode Other items	P _{CK}	0.000	kW				
Capacity control		variable		Rated air flow rate, outdoors		2140	m³/h
,			-IDA	Rated all flow fate, outdoors	-	2140	111 /11
Sound power level, indoors/outdoors	L _{WA}	40/61	dBA				
Annual energy consumption	Q _{HE}	3014	kWh				
For heat pump combination heater:				<u> </u>			
Declared load profile		L		Water heating energy efficiency	ηwh	135	%
Daily electricity consumption	Qelec	3.700	kW/h				
Annual electricity consumption	AEC	803	kW/h				
Contact details							

^(*) 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-WM50VHA(-BS)			
		Indoor un	it:	EHPT20X-**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	5.0	kW	Seasonal space heating energy efficiency	ηѕ	183	%
Declared capacity for heating for pa	I art load a	t indoor		Declared coefficient of performance of	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	iture Tj
Tj = - 7 °C	Pdh	4.4	kW	Tj = - 7 °C	COPd	3.17	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	2.7	kW	Tj = + 2 °C	COPd	4.58	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = + 7 °C	Pdh	1.9	kW	Tj = + 7 °C	COPd	6.55	-
Degradation co-efficient (**)	Cdh	0.94	-				
Tj = +12 °C	Pdh	1.8	kW	Tj = +12 °C	COPd	8.57	-
Degradation co-efficient (**)	Cdh	0.92	-				
Tj = bivalent temperature	Pdh	4.4	kW	Tj = bivalent temperature	COPd	3.17	_
Tj = operation limit temperature	Pdh	3.5	kW	Tj = operation limit temperature	COPd	1.75	-
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
Dower consumption in modes other	than acti	ivo modo		temperature Supplementary heater	WIOL	00	
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	0.8	kW
	P _{OFF}			Kated Heat Output ()	FSup	0.6	KVV
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode Other items	Рск	0.000	kW				
Capacity control		variable		Rated air flow rate, outdoors		2140	m ³ /h
,			-IDA	Rated all flow fate, outdoors	-	2140	111 /11
Sound power level, indoors/outdoors	L _{WA}	40/61	dBA				
Annual energy consumption	Q _{HE}	2113	kWh				
For heat pump combination heater:				<u> </u>			
Declared load profile		L		Water heating energy efficiency	ηwh	135	%
Daily electricity consumption	Qelec	3.700	kW/h				
Annual electricity consumption	AEC	803	kW/h				
Contact details							

^(*) 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-WM50VHA(-BS)			
		Indoor uni	it:	EHPT20X-**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	iter:			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	3.1	kW	Seasonal space heating energy efficiency	ηs	107	%
Declared capacity for heating for pa	ırt load a	t indoor		Declared coefficient of performance of	r primary e	nergy ratio	for
temperature 20 °C and outdoor tem	perature ⁻	Τј		part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj
Tj = - 7 °C	Pdh	2.5	kW	Tj = - 7 °C	COPd	2.36	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 2 °C	COPd	3.42	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = + 7 °C	Pdh	1.5	kW	Tj = + 7 °C	COPd	4.41	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = +12 °C	Pdh	1.8	kW	Tj = +12 °C	COPd	6.92	-
Degradation co-efficient (**)	Cdh	0.94	-				
Tj = bivalent temperature	Pdh	2.5	kW	Tj = bivalent temperature	COPd	1.93	-
Tj = operation limit temperature	Pdh	2.5	kW	Tj = operation limit temperature	COPd	1.50	_
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-15	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit	WTOL	60	°C
Dower consumption in modes other	than acti	vo modo		temperature Supplementary heater	WIOL	00	
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	3.1	kW
	P _{OFF}			Kaled Heat Output ()	FSup	3.1	KVV
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode Other items	P _{CK}	0.000	kW				
Capacity control		variable		Rated air flow rate, outdoors		2140	m³/h
,		40/61	4DA	Rated all flow fate, outdoors	-	2140	111 /11
Sound power level, indoors/outdoors	L _{WA}		dBA				
Annual energy consumption	Q _{HE}	2760	kWh				
For heat pump combination heater:				<u> </u>		,	
Declared load profile		L		Water heating energy efficiency	ηwh	116	%
Daily electricity consumption	Qelec	4.200	kW/h				
Annual electricity consumption	AEC	934	kW/h				
Contact details							

^(*) 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-WM50VHA(-BS)			
		Indoor uni	it:	EHPT20X-**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	nter:			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	4.2	kW	Seasonal space heating energy efficiency	ηѕ	141	%
Declared capacity for heating for pa	art load a	t indoor		Declared coefficient of performance o	r primary e	nergy ratio	for
temperature 20 °C and outdoor tem	perature ⁻	Тј	1	part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj
Tj = - 7 °C	Pdh	2.7	kW	Tj = - 7 °C	COPd	3.25	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 2 °C	COPd	4.24	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = + 7 °C	Pdh	1.6	kW	Tj = + 7 °C	COPd	5.71	-
Degradation co-efficient (**)	Cdh	0.94	-				
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	8.26	-
Degradation co-efficient (**)	Cdh	0.93	-				
Tj = bivalent temperature	Pdh	4.0	kW	Tj = bivalent temperature	COPd	2.27	-
Tj = operation limit temperature	Pdh	4.0	kW	Tj = operation limit temperature	COPd	2.27	-
Tj = -15 °C (if TOL < -20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
		,	•	Heating water operating limit	WTOL	60	°C
Power consumption in modes other	than acti	ve mode		Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.2	kW
Thermostat-off mode	P_{TO}	0.015	kW				
Standby mode	P_SB	0.015	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.000	kW			Electrical	
Other items				! !	1		
Capacity control		variable		Rated air flow rate, outdoors	-	2140	m³/h
Sound power level, indoors/outdoors	L _{WA}	40/61	dBA				
Annual energy consumption	Q_{HE}	2713	kWh				
For heat pump combination heater:			•				
Declared load profile		L		Water heating energy efficiency	ηwh	116	%
Daily electricity consumption	Qelec	4.200	kW/h				
Annual electricity consumption	AEC	934	kW/h				
Contact details							

^(*) 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-WM50VHA(-BS)						
		Indoor uni	it:	EHPT20X-**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	iter:			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	5.0	kW	Seasonal space heating	ηs	157	%			
Declared capacity for heating for pa	l art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for			
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C		0,				
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-			
Degradation co-efficient (**)	Cdh	-	-							
Tj = + 2 °C	Pdh	5.0	kW	Tj = + 2 °C	COPd	1.98	-			
Degradation co-efficient (**)	Cdh	0.99	-							
Tj = + 7 °C	Pdh	3.2	kW	Tj = + 7 °C	COPd	3.30	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = +12 °C	Pdh	1.8	kW	Tj = +12 °C	COPd	5.81	-			
Degradation co-efficient (**)	Cdh	0.95	-							
Tj = bivalent temperature	Pdh	5.0	kW	Tj = bivalent temperature	COPd	1.98	-			
Tj = operation limit temperature	Pdh	3.5	kW	Tj = operation limit temperature	COPd	1.66	_			
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			
Dower consumption in modes other	than acti	vo modo		temperature Supplementary heater	WIOL	00				
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	0.0	kW			
	P _{OFF}			Kated Heat Output ()	Psup	0.0	KVV			
Thermostat-off mode	P _{TO}	0.015	kW							
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode Other items	Рск	0.000	kW							
Capacity control		variable		Rated air flow rate, outdoors		2140	m³/h			
, ,		40/61	4DA	Nated all flow rate, outdoors	-	2140	111 /11			
Sound power level, indoors/outdoors	L _{WA}		dBA							
Annual energy consumption	Q _{HE}	1616	kWh							
For heat pump combination heater:				<u> </u>						
Declared load profile		L		Water heating energy efficiency	ηwh	154	%			
Daily electricity consumption	Qelec	3.200	kW/h							
Annual electricity consumption	AEC	709	kW/h							
Contact details										

^(*) 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-WM50VHA(-BS)						
		Indoor uni	it:	EHPT20X-**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	iter:			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	5.0	kW	Seasonal space heating energy efficiency	ηѕ	226	%			
Declared capacity for heating for pa	I art load a	t indoor		Declared coefficient of performance of	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	iture Tj			
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-			
Degradation co-efficient (**)	Cdh	-	-							
Tj = + 2 °C	Pdh	5.0	kW	Tj = + 2 °C	COPd	3.68	-			
Degradation co-efficient (**)	Cdh	0.98	-			,				
Tj = + 7 °C	Pdh	3.2	kW	Tj = + 7 °C	COPd	4.92	-			
Degradation co-efficient (**)	Cdh	0.97	-							
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	7.92	-			
Degradation co-efficient (**)	Cdh	0.93	-							
Tj = bivalent temperature	Pdh	5.0	kW	Tj = bivalent temperature	COPd	3.68	_			
Tj = operation limit temperature	Pdh	3.5	kW	Tj = operation limit temperature	COPd	1.66	-			
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	WIGE	00				
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW			
Thermostat-off mode	P _{TO}	0.015	kW	Trated float suspent ()	· oup	0.0				
Standby mode	P _{SB}	0.015	kW	Type of energy input						
Crankcase heater mode	P _{CK}	0.000	kW	Type or energy input		Electrical				
Other items	· CK	0.000	KVV							
Capacity control		variable		Rated air flow rate, outdoors	_	2140	m³/h			
Sound power level, indoors/outdoors	L _{WA}	40/61	dBA							
Annual energy consumption	Q_{HE}	1111	kWh							
For heat pump combination heater:	≪HE		174411							
Declared load profile		L		Water heating energy efficiency	ηwh	154	%			
·	0-1		1.3.8.7.9		1 1 1 1	104	70			
Daily electricity consumption	Qelec	3.200	kW/h							
Annual electricity consumption	AEC	709	kW/h							
Contact details										

^(*) 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-WM50VHA(-BS)						
		Indoor uni	it:	ERPT17X-**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	iter:			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	5.0	kW	Seasonal space heating energy efficiency	ηѕ	133	%			
Declared capacity for heating for pa	ırt load a	t indoor		Declared coefficient of performance of	or primary e	nergy ratio	for			
temperature 20 °C and outdoor tem	perature ·	Τј		part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj			
Tj = - 7 °C	Pdh	4.4	kW	Tj = - 7 °C	COPd	2.04	-			
Degradation co-efficient (**)	Cdh	0.99	-							
Tj = + 2 °C	Pdh	2.7	kW	Tj = + 2 °C	COPd	3.29	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = + 7 °C	Pdh	1.7	kW	Tj = + 7 °C	COPd	4.47	-			
Degradation co-efficient (**)	Cdh	0.96	-							
Tj = +12 °C	Pdh	1.8	kW	Tj = +12 °C	COPd	6.67	-			
Degradation co-efficient (**)	Cdh	0.94	-							
Tj = bivalent temperature	Pdh	4.4	kW	Tj = bivalent temperature	COPd	2.04	-			
Tj = operation limit temperature	Pdh	3.5	kW	Tj = operation limit temperature	COPd	1.75	_			
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			
Dower consumption in modes other	than acti	vo modo		temperature Supplementary heater	WIOL	00				
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	0.8	kW			
	P _{OFF}			Kaled Heat Output ()	FSup	0.6	KVV			
Thermostat-off mode	P _{TO}	0.015	kW							
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode Other items	Рск	0.000	kW							
Capacity control		variable		Rated air flow rate, outdoors		2140	m³/h			
,			-IDA	Rated all flow fate, outdoors	-	2140	111 /11			
Sound power level, indoors/outdoors	L _{WA}	40/61	dBA							
Annual energy consumption	Q _{HE}	3014	kWh							
For heat pump combination heater:						465	0.1			
Declared load profile		L		Water heating energy efficiency	ηwh	120	%			
Daily electricity consumption	Qelec	4.100	kW/h							
Annual electricity consumption	AEC	902	kW/h							
Contact details										

^(*) 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-WM50VHA(-BS)						
		Indoor un	it:	ERPT17X-**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	5.0	kW	Seasonal space heating energy efficiency	ηѕ	190	%			
Declared capacity for heating for pa	I art load a	t indoor		Declared coefficient of performance of	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	iture Tj			
Tj = - 7 °C	Pdh	4.4	kW	Tj = - 7 °C	COPd	3.17	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = + 2 °C	Pdh	2.7	kW	Tj = + 2 °C	COPd	4.58	-			
Degradation co-efficient (**)	Cdh	0.97	-							
Tj = + 7 °C	Pdh	1.9	kW	Tj = + 7 °C	COPd	6.55	-			
Degradation co-efficient (**)	Cdh	0.94	-							
Tj = +12 °C	Pdh	1.8	kW	Tj = +12 °C	COPd	8.57	-			
Degradation co-efficient (**)	Cdh	0.92	-							
Tj = bivalent temperature	Pdh	4.4	kW	Tj = bivalent temperature	COPd	3.17	_			
Tj = operation limit temperature	Pdh	3.5	kW	Tj = operation limit temperature	COPd	1.75	-			
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			
Dower consumption in modes other	than acti	ivo modo		temperature Supplementary heater	WIOL	00				
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	0.8	kW			
	P _{OFF}			Kated Heat Output ()	FSup	0.6	KVV			
Thermostat-off mode	P _{TO}	0.015	kW							
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode	Рск	0.000	kW							
Other items Capacity control		variable		Rated air flow rate, outdoors		2140	m ³ /h			
,			-IDA	Rated all flow fate, outdoors	-	2140	111 /11			
Sound power level, indoors/outdoors	L _{WA}	40/61	dBA							
Annual energy consumption	Q _{HE}	2113	kWh							
For heat pump combination heater:				<u> </u>						
Declared load profile		L		Water heating energy efficiency	ηwh	120	%			
Daily electricity consumption	Qelec	4.100	kW/h							
Annual electricity consumption	AEC	902	kW/h							
Contact details										

^(*) 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-WM50VHA(-BS)						
		Indoor uni	it:	ERPT17X-**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	iter:			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	3.1	kW	Seasonal space heating	ηs	111	%			
Declared capacity for heating for pa	l art load a	t indoor		energy efficiency Declared coefficient of performance of	r primary e	nergy ratio	for			
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C						
Tj = - 7 °C	Pdh	2.5	kW	Tj = - 7 °C	COPd	2.36	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 2 °C	COPd	3.42	-			
Degradation co-efficient (**)	Cdh	0.97	-							
Tj = + 7 °C	Pdh	1.5	kW	Tj = + 7 °C	COPd	4.41	-			
Degradation co-efficient (**)	Cdh	0.95	_							
Tj = +12 °C	Pdh	1.8	kW		COPd	6.92	_			
Degradation co-efficient (**)	Cdh	0.94	_							
Tj = bivalent temperature	Pdh	2.5	kW	Tj = bivalent temperature	COPd	1.93	_			
Tj = operation limit temperature	Pdh	2.5	kW	Tj = operation limit temperature	COPd	1.50	_			
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	_			
Bivalent temperature	Tbiv	-15	°C	Operation limit temperature	TOL	-20	°C			
bivalent temperature	TUIV	-15		Heating water operating limit			-			
				temperature	WTOL	60	°C			
Power consumption in modes other	than acti	ı	1	Supplementary heater		1				
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	3.1	kW			
Thermostat-off mode	P _{TO}	0.015	kW							
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode	Рск	0.000	kW							
Other items	г			I I						
Capacity control		variable	_	Rated air flow rate, outdoors	-	2140	m³/h			
Sound power level, indoors/outdoors	L_{WA}	40/61	dBA							
Annual energy consumption	Q_{HE}	2760	kWh							
For heat pump combination heater:										
Declared load profile		L		Water heating energy efficiency	ηwh	101	%			
Daily electricity consumption	Qelec	4.800	kW/h							
Annual electricity consumption	AEC	1065	kW/h							
Contact details										

^(*) 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-WM50VHA(-BS)						
		Indoor uni	it:	ERPT17X-**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	4.2	kW	Seasonal space heating energy efficiency	ηѕ	146	%			
Declared capacity for heating for pa	I art load a	t indoor		Declared coefficient of performance of	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	iture Tj			
Tj = - 7 °C	Pdh	2.7	kW	Tj = - 7 °C	COPd	3.25	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 2 °C	COPd	4.24	-			
Degradation co-efficient (**)	Cdh	0.97	-							
Tj = + 7 °C	Pdh	1.6	kW	Tj = + 7 °C	COPd	5.71	-			
Degradation co-efficient (**)	Cdh	0.94	-							
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	8.26	-			
Degradation co-efficient (**)	Cdh	0.93	-							
Tj = bivalent temperature	Pdh	4.0	kW	Tj = bivalent temperature	COPd	2.27	_			
Tj = operation limit temperature	Pdh	4.0	kW	Tj = operation limit temperature	COPd	2.27	-			
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-			
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C			
•				Heating water operating limit	WTOL	60	°C			
Power consumption in modes other	than acti	ive mode		temperature Supplementary heater	WIGE	00				
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.2	kW			
Thermostat-off mode	P _{TO}	0.015	kW	Tratou frout output ()	· oup					
Standby mode	P _{SB}	0.015	kW	Type of energy input						
Crankcase heater mode	P _{CK}	0.000	kW	Type or energy input		Electrical				
Other items	' CK	0.000	KVV							
Capacity control		variable		Rated air flow rate, outdoors	_	2140	m³/h			
Sound power level, indoors/outdoors	L _{WA}	40/61	dBA	Tatou dii non rato, cataco.c			,			
Annual energy consumption	Q_{HE}	2713	kWh							
For heat pump combination heater:		2110	LAAII							
Declared load profile		L		Water heating energy efficiency	nuch	101	%			
·				water heating energy enicieficy	ηwh	101	/0			
Daily electricity consumption	Qelec	4.800	kW/h							
Annual electricity consumption	AEC	1065	kW/h							
Contact details										

^(*) 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-WM50VHA(-BS)						
		Indoor uni	it:	ERPT17X-**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	iter:			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	5.0	kW	Seasonal space heating	ηѕ	162	%			
Declared capacity for heating for pa	art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for			
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C						
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-			
Degradation co-efficient (**)	Cdh	-	-							
Tj = + 2 °C	Pdh	5.0	kW	Tj = + 2 °C	COPd	1.98	-			
Degradation co-efficient (**)	Cdh	0.99	-							
Tj = + 7 °C	Pdh	3.2	kW	Tj = + 7 °C	COPd	3.30	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = +12 °C	Pdh	1.8	kW	Tj = +12 °C	COPd	5.81	-			
Degradation co-efficient (**)	Cdh	0.95	_							
Tj = bivalent temperature	Pdh	5.0	kW	Tj = bivalent temperature	COPd	1.98	_			
Tj = operation limit temperature	Pdh	3.5	kW	Tj = operation limit temperature	COPd	1.66	_			
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			
Bivaioni tomporataro	1511			Heating water operating limit			-			
				temperature	WTOL	60	°C			
Power consumption in modes other		1	134/	Supplementary heater	D		1.34/			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW			
Thermostat-off mode	P _{TO}	0.015	kW							
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode	P _{CK}	0.000	kW							
Other items				H						
Capacity control		variable		Rated air flow rate, outdoors	-	2140	m ³ /h			
Sound power level, indoors/outdoors	L_{WA}	40/61	dBA							
Annual energy consumption	Q_{HE}	1616	kWh							
For heat pump combination heater:				П						
Declared load profile		L		Water heating energy efficiency	ηwh	135	%			
Daily electricity consumption	Qelec	3.700	kW/h							
Annual electricity consumption	AEC	805	kW/h							
Contact details										

^(*) 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-WM50VHA(-BS)						
		Indoor un	it:	ERPT17X-**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	iter:			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	5.0	kW	Seasonal space heating energy efficiency	ηѕ	237	%			
Declared capacity for heating for pa	I art load a	t indoor		Declared coefficient of performance of	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	iture Tj			
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-			
Degradation co-efficient (**)	Cdh	-	-							
Tj = + 2 °C	Pdh	5.0	kW	Tj = + 2 °C	COPd	3.68	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = + 7 °C	Pdh	3.2	kW	Tj = + 7 °C	COPd	4.92	-			
Degradation co-efficient (**)	Cdh	0.97	-							
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	7.92	-			
Degradation co-efficient (**)	Cdh	0.93	-							
Tj = bivalent temperature	Pdh	5.0	kW	Tj = bivalent temperature	COPd	3.68	_			
Tj = operation limit temperature	Pdh	3.5	kW	Tj = operation limit temperature	COPd	1.66	-			
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	ivo modo		temperature Supplementary heater	WIGE	00				
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW			
Thermostat-off mode	P _{TO}	0.015	kW	Nated Heat Sutput ()	ТЗир	0.0	KVV			
Standby mode	P _{SB}	0.015	kW	Type of energy input						
Crankcase heater mode		0.000	kW	Type or energy input		Electrical				
Other items	P _{CK}	0.000	KVV							
Capacity control		variable		Rated air flow rate, outdoors	_	2140	m³/h			
Sound power level, indoors/outdoors	L _{WA}	40/61	dBA	Tatou air non rate, catacore			,			
Annual energy consumption		1111	kWh							
For heat pump combination heater:	Q _{HE}	1111	LAAII							
		1		Water heating approxy officions:	nuch	125	%			
Declared load profile		L		Water heating energy efficiency	ηwh	135	70			
Daily electricity consumption	Qelec	3.700	kW/h							
Annual electricity consumption	AEC	805	kW/h							
Contact details										

^(*) 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	nit:	PUZ-WM50VHA(-BS)					
		Indoor un	t:	ERPT20X-**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	nter:			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	5.0	kW	Seasonal space heating	ηs	133	%		
Declared capacity for heating for pa	l art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for		
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C					
Tj = - 7 °C	Pdh	4.4	kW	Tj = - 7 °C	COPd	2.04	-		
Degradation co-efficient (**)	Cdh	0.99	-						
Tj = + 2 °C	Pdh	2.7	kW	Tj = + 2 °C	COPd	3.29	_		
Degradation co-efficient (**)	Cdh	0.98	-						
Tj = + 7 °C	Pdh	1.7	kW		COPd	4.47	_		
Degradation co-efficient (**)	Cdh	0.96	_						
Tj = +12 °C	Pdh	1.8	kW	Tj = +12 °C	COPd	6.67	_		
Degradation co-efficient (**)	Cdh	0.94	KVV		001 0	0.07			
Tj = bivalent temperature	Pdh	4.4	kW	Tj = bivalent temperature	COPd	2.04			
		3.5		Tj = operation limit temperature		1.75	-		
Tj = operation limit temperature	Pdh		kW		COPd		-		
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 Heating water operating limit	TOL	-20	°C		
				temperature	WTOL	60	°C		
Power consumption in modes other	than act	ve mode		Supplementary heater		,			
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	8.0	kW		
Thermostat-off mode	P_{TO}	0.015	kW						
Standby mode	P_SB	0.015	kW	Type of energy input		Electrical			
Crankcase heater mode	P _{CK}	0.000	kW			Licotrical			
Other items		•	•		•				
Capacity control		variable		Rated air flow rate, outdoors	-	2140	m³/h		
Sound power level, indoors/outdoors	L _{WA}	40/61	dBA			•			
Annual energy consumption	Q_{HE}	3014	kWh						
For heat pump combination heater:									
Declared load profile		L		Water heating energy efficiency	ηwh	135	%		
Daily electricity consumption	Qelec	3.700	kW/h						
Annual electricity consumption	AEC	803	kW/h						
Contact details	0	1 300							

^(*) 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-WM50VHA(-BS)						
		Indoor un	it:	ERPT20X-**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	5.0	kW	Seasonal space heating energy efficiency	ηѕ	190	%			
Declared capacity for heating for pa	I art load a	t indoor		Declared coefficient of performance of	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	iture Tj			
Tj = - 7 °C	Pdh	4.4	kW	Tj = - 7 °C	COPd	3.17	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = + 2 °C	Pdh	2.7	kW	Tj = + 2 °C	COPd	4.58	-			
Degradation co-efficient (**)	Cdh	0.97	-							
Tj = + 7 °C	Pdh	1.9	kW	Tj = + 7 °C	COPd	6.55	-			
Degradation co-efficient (**)	Cdh	0.94	-							
Tj = +12 °C	Pdh	1.8	kW	Tj = +12 °C	COPd	8.57	-			
Degradation co-efficient (**)	Cdh	0.92	-							
Tj = bivalent temperature	Pdh	4.4	kW	Tj = bivalent temperature	COPd	3.17	_			
Tj = operation limit temperature	Pdh	3.5	kW	Tj = operation limit temperature	COPd	1.75	-			
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	ivo modo		temperature Supplementary heater	WIGE	00				
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.8	kW			
Thermostat-off mode	P _{TO}	0.015	kW	Nated Heat Sutput ()	ТЗир	0.0	KVV			
				Type of energy input						
Standby mode Crankcase heater mode	P _{SB}	0.015	kW kW	Type of energy input		Electrical				
Other items	P _{CK}	0.000	KVV							
Capacity control		variable		Rated air flow rate, outdoors		2140	m ³ /h			
Sound power level, indoors/outdoors	L _{WA}	40/61	dBA	Trated all new rate, edited of		2110	/			
Annual energy consumption			kWh							
For heat pump combination heater:	Q _{HE}	2113	VAAII							
				Water besting anary: -ff:-i-	-ا د د	405	0/			
Declared load profile		L		Water heating energy efficiency	ηwh	135	%			
Daily electricity consumption	Qelec	3.700	kW/h							
Annual electricity consumption	AEC	803	kW/h							
Contact details										

^(*) 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-WM50VHA(-BS)						
		Indoor uni	it:	ERPT20X-**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	iter:			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	3.1	kW	Seasonal space heating	ηs	111	%			
Declared capacity for heating for pa	art load a	t indoor		energy efficiency Declared coefficient of performance of	l or primary e	nergy ratio	for			
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C	•					
Tj = - 7 °C	Pdh	2.5	kW	Tj = - 7 °C	COPd	2.36	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 2 °C	COPd	3.42	-			
Degradation co-efficient (**)	Cdh	0.97	-							
Tj = + 7 °C	Pdh	1.5	kW	Tj = + 7 °C	COPd	4.41	_			
Degradation co-efficient (**)	Cdh	0.95	_							
Tj = +12 °C	Pdh	1.8	kW		COPd	6.92	_			
Degradation co-efficient (**)	Cdh	0.94	_							
Tj = bivalent temperature	Pdh	2.5	kW	Tj = bivalent temperature	COPd	1.93	_			
Tj = operation limit temperature	Pdh	2.5	kW	Tj = operation limit temperature	COPd	1.50	_			
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	_			
Bivalent temperature	Tbiv	-15	°C	Operation limit temperature	TOL	-20	°C			
bivalent temperature	TUIV	-15		Heating water operating limit						
				temperature	WTOL	60	°C			
Power consumption in modes other	than acti	ı	1	Supplementary heater		1				
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	3.1	kW			
Thermostat-off mode	P _{TO}	0.015	kW							
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode	P _{CK}	0.000	kW							
Other items				I I		1				
Capacity control		variable		Rated air flow rate, outdoors	-	2140	m³/h			
Sound power level, indoors/outdoors	L_WA	40/61	dBA							
Annual energy consumption	Q_{HE}	2760	kWh							
For heat pump combination heater:										
Declared load profile		L		Water heating energy efficiency	ηwh	116	%			
Daily electricity consumption	Qelec	4.200	kW/h							
Annual electricity consumption	AEC	934	kW/h							
Contact details										

^(*) 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-WM50VHA(-BS)			
		Indoor uni	it:	ERPT20X-**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	nter:			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	4.2	kW	Seasonal space heating energy efficiency	ηѕ	146	%
Declared capacity for heating for pa	art load a	t indoor		Declared coefficient of performance o	r primary e	nergy ratio	for
temperature 20 °C and outdoor tem	perature ⁻	Тј	1	part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj
Tj = - 7 °C	Pdh	2.7	kW	Tj = - 7 °C	COPd	3.25	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 2 °C	COPd	4.24	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = + 7 °C	Pdh	1.6	kW	Tj = + 7 °C	COPd	5.71	-
Degradation co-efficient (**)	Cdh	0.94	-				
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	8.26	-
Degradation co-efficient (**)	Cdh	0.93	-				
Tj = bivalent temperature	Pdh	4.0	kW	Tj = bivalent temperature	COPd	2.27	-
Tj = operation limit temperature	Pdh	4.0	kW	Tj = operation limit temperature	COPd	2.27	-
Tj = -15 °C (if TOL < -20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
		,	•	Heating water operating limit	WTOL	60	°C
Power consumption in modes other	than acti	ve mode		Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.2	kW
Thermostat-off mode	P_{TO}	0.015	kW				
Standby mode	P_SB	0.015	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.000	kW			Electrical	
Other items				! !	1		
Capacity control		variable		Rated air flow rate, outdoors	-	2140	m³/h
Sound power level, indoors/outdoors	L _{WA}	40/61	dBA			,	
Annual energy consumption	Q_{HE}	2713	kWh				
For heat pump combination heater:			•				
Declared load profile		L		Water heating energy efficiency	ηwh	116	%
Daily electricity consumption	Qelec	4.200	kW/h				
Annual electricity consumption	AEC	934	kW/h				
Contact details							

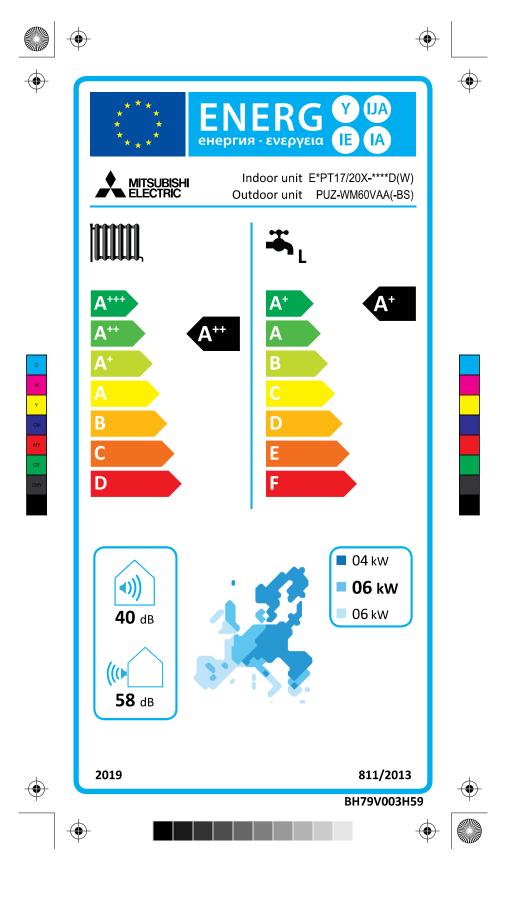
^(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9.

Model(s):		Outdoor u	ınit:	PUZ-WM50VHA(-BS)			
		Indoor uni	it:	ERPT20X-**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	iter:			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	5.0	kW	Seasonal space heating energy efficiency	ηѕ	162	%
Declared capacity for heating for pa	ırt load a	t indoor		Declared coefficient of performance of	or primary e	nergy ratio	for
temperature 20 °C and outdoor tem	perature ·	Τј		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	5.0	kW	Tj = + 2 °C	COPd	1.98	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.2	kW	Tj = + 7 °C	COPd	3.30	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	1.8	kW	Tj = +12 °C	COPd	5.81	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	5.0	kW	Tj = bivalent temperature	COPd	1.98	_
Tj = operation limit temperature	Pdh	3.5	kW	Tj = operation limit temperature	COPd	1.66	-
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
Dower consumption in modes other	than acti	vo modo		temperature Supplementary heater	WIOL	00	
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	0.0	kW
	P _{OFF}			Kated Heat Output ()	FSup	0.0	KVV
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode Other items	Рск	0.000	kW				
Capacity control		variable		Rated air flow rate, outdoors		2140	m ³ /h
		40/61	-IDA	Rated all flow fate, outdoors	-	2140	111 /11
Sound power level, indoors/outdoors	L _{WA}		dBA				
Annual energy consumption	Q _{HE}	1616	kWh				
For heat pump combination heater:							0.1
Declared load profile		L		Water heating energy efficiency	ηwh	154	%
Daily electricity consumption	Qelec	3.200	kW/h				
Annual electricity consumption	AEC	709	kW/h				
Contact details							

^(*) 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	nit:	PUZ-WM50VHA(-BS)			
		Indoor uni	t:	ERPT20X-**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	iter:			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	5.0	kW	Seasonal space heating energy efficiency	ηѕ	237	%
Declared capacity for heating for pa	I art load a	t indoor		Declared coefficient of performance of	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	iture Tj
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	5.0	kW	Tj = + 2 °C	COPd	3.68	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	3.2	kW	Tj = + 7 °C	COPd	4.92	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	7.92	-
Degradation co-efficient (**)	Cdh	0.93	-				
Tj = bivalent temperature	Pdh	5.0	kW	Tj = bivalent temperature	COPd	3.68	_
Tj = operation limit temperature	Pdh	3.5	kW	Tj = operation limit temperature	COPd	1.66	-
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	WIGE	00	
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{TO}	0.015	kW	Tratou front output ()	· oup	0.0	
Standby mode	P _{SB}	0.015	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW	Type or energy input		Electrical	
Other items	· CK	0.000	KVV				
Capacity control		variable		Rated air flow rate, outdoors	_	2140	m³/h
Sound power level, indoors/outdoors	L _{WA}	40/61	dBA				
Annual energy consumption	Q_{HE}	1111	kWh				
For heat pump combination heater:	≪HE		174411				
Declared load profile		L		Water heating energy efficiency	ηwh	154	%
·	0-1		1-10/4		1 1 1 1	104	70
Daily electricity consumption	Qelec	3.200	kW/h				
Annual electricity consumption	AEC	709	kW/h				
Contact details							

^(*) 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.



		PUZ-WM112YAA(-BS)					PUZ-WM112VAA(-BS)							PUZ-WM85YAA(-BS)							PUZ-WM85VAA(-BS)						PUZ-WM60VAA(-BS)					PUZ-WM50VHA(-BS)				Outdoor unit		
EHPX-***D	ERPT30X-****D	EHPT30X-***D	ERPT20X-***D	EHPT20X-***D	EHPX-****D	EKP130X-****D	Į š	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ERPT20X-***D	EHPT20X-***D	EHPX-***D	ERPT30X-****D	EHPT30X-****D	ERPT20X-***D	EHPT20X-***D	ERPT17X-****D	EHPT17X-***D	EHPX-***D	ERPT30X-***D	EHPT30X-***D	ERPT20X-****D	EHPT20X-****D	ERPT17X-***D	EHPT17X-***D	EHPX,****D	ERPT20X-***D	EHPT20X-****D	ERPT17X-***D	EHPT17X.****D	EHPX.****D	ERPT20X-***D	EHPT20X-***D	ERPT17X-***D	EHPT17X-***D		Indoor unit	2	
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A	A	A++	A	¥	Ì	Ì	1	1	‡	A++	A++	A++	P	A	Ì	A++	¥	‡	?	A	A++	A ‡	¥	ļ	‡	A ‡	‡	‡	‡	Ž.	‡	‡	A++	‡	Seaso efficier	nal space heating energy ncy class	თ	
	Þ	Þ	ş	\$		Þ	>	. ;	₽	Α+	•	Þ	>	¥	ş	Ą	₽	Ŀ	Þ	Þ	ş	¥	ş	ş	ŀ	¥	2	\$	₽		¥	P	Α+	ş	Water class	heating energy efficiency	6	
10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0		0.0	10.0	8.5	8.5	8.5	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	\vdash	ted heat output under erage climate conditions	7	
5905	5905	5905	5905	5905	5905	5905	5905		5905	5905	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	3318	3318	3318	3318	3318	3014	3014	3014	3014	3014	≩ en av	r space heating, annual ergy consumption under erage climate conditions	8	
	1443	1443	736	736	ŀ	1443	4.5	1	736	736		1451	1451	749	749	899	899	Ŀ	1451	1451	749	749	899	899	ŀ	749	749	899	899	ŀ	803	83	902	902	≸ ele av	r water heating, annual actricity consumption under erage climate conditions	9	
133	136	133	136	133	134	136	Ę.		136	134	138	141	138	41	138	141	138	139	41	139	141	139	41	139	142	145	142	145	142	129	133	129	133	129	Clir	asonal space heating energy iciency under average mate conditions	ō	
	120	120	148	148	ŀ	120	120		48	148	•	120	120	145	145	120	120	ŀ	120	120	145	145	120	120	ŀ	145	145	120	120	ŀ	135	135	120	120	% un co	ater heating energy efficiency der average climate nditions	≟	
40	40	40	8	8	8	40	8	;	å	40	40	40	40	8	8	40	46	40	8	40	4	40	40	40	46	40	8	8	46	46	40	40	40	40	S So	und power level L _{WA} indoor	12	For me
		ŀ		ŀ	ŀ	ŀ	ŀ							ŀ	ŀ			Ŀ	ŀ			ŀ	ŀ	ŀ	ŀ			ŀ	ŀ	Ŀ	ŀ	ŀ		Ŀ	Work o	only during off-peak hours	3	medium-ter
9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2		9.2	9.2	6.1	6.1	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	₹ Ra	ted heat output under colder nate conditions	14	temperature
10.0	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	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	₹ Ra	ited heat output under irmer climate conditions	15	ure app
6990	6990	6990	6990	6990	6990	0669	6990		6990	6990	4376	4376	4376	4376	4376	4376	4376	4376	4376	4376	4376	4376	4376	4376	3671	3671	3671	3671	3671	2760	2760	2760	2760	2760	Fo en col	r space heating, annual ergy consumption under ider climate conditions	16	application.
3401	3401	3401	3401	3401	3401	3401	3401		3401	3401	2799	2799	2799	2799	2799	2799	2799	2799	2799	2799	2799	2799	2799	2799	1991	1991	1991	1991	1991	1616	1616	1616	1616	1616	≥ en	r space heating, annual ergy consumption under irmer climate conditions	17	
	1808	1808	917	917		1808	1808		917	917		1808	1808	927	927	1073	1073		1808	1808	927	927	1073	1073		927	927	1073	1073		934	934	1065	1065	Fo en col	r water heating, annual ergy consumption under ider climate conditions	18	
	1294	1294	674	674		1294	1294		674	674		1294	1294	679	679	803	803		1294	1294	679	679	803	803		679	679	803	803		709	709	805	805	≨ Fo en	r water heating, annual ergy consumption under rmer climate conditions	19	
121	124	121	124	121	122	124	122		124	122	128	132	128	132	128	132	128	129	132	129	132	129	132	129	127	130	127	130	127	107	=	107	#	107	Se s² eff	asonal space heating energy iciency under colder climate inditions	20	
150	154	150	154	150	152	2	152	; ;	<u>2</u>	152	155	159	155	159	155	159	155	156	159	156	159	156	159	156	154	158	154	158	154	157	162	157	162	157	Se % eff	asonal space heating energy iciency under warmer climate inditions	21	
	96	96	118	118		96	: 8	; ;	118	118		96	96	116	116	101	<u>1</u>		96	96	116	116	3	101		116	116	102	<u>1</u>	ļ.	116	116	101	101	Wa	ater heating energy efficiency der colder climate conditions	22	
	135	135	161	161		135	135		161	161		135	135	161	161	135	135		135	135	161	161	135	135		161	161	135	135		154	154	135	135	₩ as un	ater heating energy efficiency der warmer climate	23	
60	60	60	60	H	8	t	+	$^{+}$	+	60	58	58	58	58	58	58	58	58	58	58	58	58	58	58	╁	58	58	58	58	61	61	61	61	61	a So	und power level L _{WA}	24	
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A++	A+++	A+++	A+++	A++	A++	A***	A++	+	A ‡	A+++	A+++	A+++	A+++	A+++	A ‡	A+++	A+++	A+++	A+++	A+++	A+++	A++	A ‡	A+++	A+++	A+++	A+++	A++	A+++	A+++	A++	A + +	A+++	A+++	Seaso	nal space heating	5	
	÷	Į.	¥ A	÷	i.	÷	t	$^{+}$	+	+ A+	+	¥	→	‡ *	÷ A	÷	÷ A	l÷	÷	÷	Į.	Į.	Į.	÷ A	t	÷	÷	÷ A	÷ A		÷ A	÷ Þ	+ A+	÷ A+	Water	heating energy efficiency	6	ł
10	10.0	_	+ 10.0	10.0	1 2	+	+	+	+	_	8.5	8.5	8.5	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	5.0	5.0	5.0	5.0	5.0	class Ra	ted heat output under		
10.0 4145	.0 4145	0.0 4145	.0 4145	+	10.0 4145	10.0 4145	+	+	+	10.0 4145	5 3473	5 3473	5 3473	5 3473	5 3473	5 3473	5 3473	5 3473	5 3473	5 3473	5 3473	5 3473	5 3473	5 3473	╁	0 2475	0 2475	0 2475	0 2475	0 2113	0 2113	0 2113	0 2113	0 2113	⊼ Fo	erage climate conditions r space heating, annual ergy consumption under	8	
45		-	١.	t.	45	١.	Τ.	$^{+}$	\forall	\exists	73 -		١.	١.	<u> </u>	Н		73	١.	_	١.	H	+	H	t	١.	١.	H	\vdash	13			_		_ E0	erage climate conditions	9	
_	443 1	1443 1	736 1	\vdash	╁	443	+.	+	+	736 1	_	451 1	1451 1	749 1	749 1	899 1	899 1	Ļ	1451 1	451 1	749 1	749 1	899 1	899	H	749 1	749 1	899 1	899 1	Ļ	803 1	803 1	902 1	902 1		ictricity consumption under erage climate conditions asonal space heating energy iciency under average		
189	195	189 1	195	+	H	ł.	+.	+	+	191 1	190	197 1	190	197 1	190 1	197 1	190	193	197 1	193 1	197 1	193	+	193	╁	197 1		197 1	+	183	190	183	190 1	183	Clir	mate conditions	10	
_	120	120	148	H	ŀ	120	+	+	+	48		120	20	145	145	120	120	Ŀ	120	120	145	145	+	120	H	145	145	120	120	Ŀ	135	135	120	120	Ħ	der average climate nditions	=	L
40	5	40	40	40	40	t	+	+	+	40	40	40	8	40	6	40	40	40	40	40	40	8	40	6	H	40	8	8	8	8	40	8	40	40	Н	und power level L _{WA} indoor	12	יו
•			ľ	ŀ	ļ.	ŀ	<u> </u>	+	+	•	•			•	ŀ	•	ŀ			•	ŀ		Ŀ			•	ŀ		!	ŀ		Ŀ				only during off-peak hours	13	low-temper
9.9	9.9	9.9	9.9	9.9	9.9	H	+	+	\dashv	9.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	╁	4.4	4.4	4.4	4.4	4,2	4.2	4.2	4.2	4.2	< clir	ted heat output under colder nate conditions	14	ature
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	8.5	8.5	8.5	8.5	8.5	+	6.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0	5.0	≥ wa	ted heat output under irmer climate conditions	15	application
5528	5528	5528	5528	5528	5528	+	+	+	+	-	2733	2733	2733	2733	2733	2733	2733	2733	2733	2733	2733	2733	2733	2733	2492	2492	2492	2492	2492	2713	2713	2713	2713	2713	≨ en col	r space heating, annual ergy consumption under ider climate conditions	6	1,9
2394	2394	2394	2394	2394	2394	2394	+	+	2394	2394	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	1916	+	1397	1397	1397	1397	111	1111	1111	1111	1111	≩ en wa	r space heating, annual ergy consumption under imer climate conditions	17	
	1808	1808	917	917		1808	1808		917	917		1808	1808	927	927	1073	1073	ŀ	1808	1808	927	927	1073	1073	ŀ	927	927	1073	1073	Ŀ	934	934	1065	1065	≨ en col	r water heating, annual ergy consumption under ider climate conditions	18	
	1294	1294	674	674		1294	1294		674	674		1294	1294	679	679	803	803	ŀ	1294	1294	679	679	803	803	ŀ	679	679	803	803	Ŀ	709	709	805	805	- wa	r water heating, annual ergy consumption under irmer climate conditions	19	
165	169	165	169	165	166	169	166		169	166	166	175	166	175	166	175	166	169	175	169	175	169	175	169	166	173	166	173	166	141	146	141	146	141	or eff co	asonal space heating energy iciency under colder climate nditions	20	
213	220	213	220	213	215	022	215		220	215	224	234	224	234	224	234	224	227	234	227	234	227	234	227	218	226	218	226	218	226	237	226	237	226	≫ Se eff co	asonal space heating energy iciency under warmer climate nditions	21	
	96	96	118	118	[.	96	96	3 3	118	118		96	96	116	116	101	101		96	96	116	116	101	101	<u> </u>	116	116	101	101	Ŀ	116	116	101	101	≫ Wa	ater heating energy efficiency der colder climate conditions	22	
	135	135	161	161		135	135		161	161		135	135	161	161	135	135		135	135	161	161	135	135		161	161	135	135		154	154	135	135	≫ Wa un co	ater heating energy efficiency der warmer climate nditions	23	
60	60	60	68	60	8	6	8	3 8	8	60	58	58	58	88	58	58	58	58	58	58	58	58	æ	58	58	58	æ	58	58	2	61	22	61	6	So So	und power level L _{WA}	24	

24 het g äänit	Sour	23 de ei	Wate	22 de ei	Viate	Klima	of de se	Seas	tilalā	20 de se klima	Sear	vede	19 voor	For \	ved6	18 voor	For	- 1	Fors	Sleff	16 your	For t	15 de n	Rate	14 de n	toim	13 werk	aani Wort	12 het g	vede	11 Wate	tilalā	10 de se klima	Seas	wede	9 woor	Forv	tiala	8 woor	For:	7 de n	Rate	6 de ei	tilali.	5 Seas	mata	Low	3 midd	Med	2 binne	Ulika	1 buits	Suor	Nedo
peluldsvermogensniveau L _{IVA} bullen L Iehotaso L _{IVA} ulikona h	nd power level L _{AM} outdoor	nergie-efficiëntie voor waterverwarming onder warmere kilmaatomstandigheden Eniammityksen energialehokkuus kylmissä ilmaato-olosuhteissa	or heating energy efficiency under warmer climate conditions	nergie-efficiëntie voor waterverwarming onder koudere klimaatomstandigheden Enitrontiksen anergiatehokkuus kylmissä ilmasto-olosuhteissa e	lämmityksen kausittainen energiateinokkuus lämpimissä ilmasto-otosuhteissa tar hesting energy efficiengy under codder climate conditions		mere		inen energiatehokkuus kylmissä ilmasto-olosuhteissa	sizoensgebonden energie-efficiëntie voor ruimteverwarming onder koudere	sonal space heating energy efficiency under colder climate conditions	vedenlämmityksestä vuotuinen sähkönkulutus lämpimissä ilmasto-olosuhteissa p	waterverwarming, het jaarlijkse elektriciteitsverbruik onder warmere klimaatomstandigheden	water heating, annual energy consumption under warmer climate conditions	vedenlämmityksessiä vuotuinen sähkönkulutus kylmissä ilimasto-olosuhteissa p	waterverwarming, het jaarlijkse elektriciteitsverbruik onder koudere klimaatomstandigheden	water heating, annual energy consumption under colder climate conditions	illälämmityksestä vuotuinen energiankulutus lämpimissä ilmasto-dosuhteissa p	space heating, annual energy consumption under warmer climate conditions fi	mmtlyksestä vuotuinen energiankulutus kylmissä ilmasto-olosuhteissa p	ruimteverwarming, het jaarlijkse energieverbruik onder koudere klimaatomstandigheden F	For space heating, annual energy consumption under colder climate conditions	ominale warmteatgifte, onder warmere klimaatomstandigheden Nillistämpöteho, lämpimissä ilmasto-olosuhteissa jir	d heat output under warmer climate conditions	ominale warmteafgiffe, onder koudere klimaatomstandigheden Nilliallanoktano kulmiseä linaasinoha ihtelesa	imaan alincastaan kulutushulippujen ulikopuolella p d heat cutput under colder cilimate conditions d	en utsluitend in de daluren d	lehotaso L _{WA} sisällä h < only during off-peak hours	nd power level L _{I/M} indoor d	närgerenkenne vok ware verwallinguner gelinoene hinaanunskangineven) enämmityksen energiatehokkuus(keskinääräisissä ilmasto-olosuhteissa)	or heating energy efficiency under average climate conditions described in the conditions of the cond	mmityksen kausittainen energiatehokkuus(keskimääräisissä ilmasto-olosuhteissa)	sizoensgebonden energie-efficiëntie voor ruimtevervarming(onder gemiddelde satomstandigheden)	Seasonal space heating energy efficiency under average climate conditions	nlämmityksestä vuotuinen sähkönkulutus(keskimäärälsissä Ilmasto-olosuhteissa)	watervervarming, het jaarlijkse elektriciteitsverbruik(onder gemiddelde klimaatomstandigheden) F	For water healing, annual electricity consumption under average climate conditions	mmityksestä vuotuinen energiankulutus(keskimääräisissä ilmasto-olosuhteissa)	voor ruimteverwarming, het jaarlijkse energieverbruik(onder gemiddelde klimaatomstandigheden).	arage climate conditions	ominale warmteafgifte(onder gemiddelde klimaatomstandigheden) [Illstämpöleho(keskimääräisissä illmasto-olosuhteissa) jr	d heat output under average dimate conditions d	aginosi protegi enteriori	mmilyksen kausittainen energialehokkuusluokka trihealing energy efficiency class	sonal space heating energy efficiency class sizoensgebonden energie-efficiëntieklasse voor ruimtevenwarming	emperatuur-sepassing R	lemperature application	IBimpöbian sovellus s	vasional values application valu	enuit It	yksikkö V	oor unit.		arlands
Ljudelfektinivan L _{VM} , i utomhus hladina akustického výkonu L _{VM} , ve venkovním prostoru	er Schalleistungspegel L _{IVA} im Freien	Energieffektivitet vid vattenuppvämmning under varmare klimatiörhällanden energatioka üzinnost olivevu vodv za teoleisich klimatiokvoh podminek	le Warmwasserbereitungs-Energieeffizienz bei wärmeren Klimaverhältnissen	inergieffektivitet vid vatteriuppvärmning under kallare klimatförhållanden nergetická účinnost ohlfevu vody za chladnějších klimatických podmínek	sezonni energeticka udinnost vytapeni za teplejších klimatických podmínek lie Warmwasserbereitungs-Energioefizienz bej kälteren Klimaverhältnissen	овол қолтология туру вол толтору контисту баттара дейтерін таналысты.	äsonosmadaluadninosonad för numsunnvärmninn undor varmara klimatörhällanden	lie iahreszeitbedinote Raumhetzungs-Energieeffizienz bei wärmeren Klimaverhältnissen	sezonní energetická účinnost vytápění za chladnějších klimatických podmínek	Säsongsmedelverkningsgrad för rumsuppvärmning under kallare klimatförhållanden	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei kälteren Klimaverhältnissen	pro ohřev vody – roční spotřeba elektrické energie za teplejších klimatických podmínek	För vallenuppvärmning, årlig elförbrukning under varmare klimatförhållanden	für die Warmwasserbereitung, der jährliche Stromverbrauch bei wärmeren Klimaverhältnissen	pro ohřev vody – roční spotřeba elektrické energie za chladnějších klimatických podminek	För valtenuppvärmning, ärlig elförbrukning under kaltare klimatförhållanden	ür die Warmwasserbereitung, der jährliche Stromverbrauch bei kälteren Klimaverhältnissen	pro vytápění – roční spotřeba energie za teplejších klimatických podmínek	für die Raumheizung, der jährliche Energieverbrauch bei wärmeren Klimaverhältnissen	pro vytápění – roční spotřeba energie za teplejších klimatických podmínek	ör rumsuppvärmning, ärlig energiförbrukning under kallare kilmatförhållanden	ür die Raumheizung, der jährliche Energieverbrauch bei kälteren Klimaverhältnissen	Vonlinell avgiven varmeettekt vid varmare kilmattorhallanden menovitý tepetný výkon za teplejších kilmattokých podmínek	ie Wärmenennleistung bei wärmeren Klimaverhältnissen	Nominell avgiven värmeeffekt vid kallare klimatförhållanden maanulid tanahid dikkon sa ohladhäkkid klimatikkida nodminak	yrovozu pouze milmo špičku ie Wärmenennleistung bei kälteren Klimaverhältnissen	drivas uteslutande under perioder med låg belastning	hladina akustického výkonu L _{vik} ve vnitřním prostoru Jass ein ausschließlicher Betrieb das Kombilheizgerälas zu Schwachlastzellen	ter Schallleistungspegel L _{IM} , in Gebäuden judeflektnivå L _{IM} , i inomhus	energetické účinnost ohřevu vody za průměrných klimatických podmínek	ile Warmwasserbereitungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen negnieffiziteit vid vatten navärmningford renomentillina klimatförhöllanden.	sezonní energetické účinnost vytápění za průměrných klimatických podminek	Säsongsmedelverkningsgrad för rumsuppvärmning(vid genomsnättiga klimatförhållanden)	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen	oro ohřev vody – roční spotřeba elektrické energie za průměrných klimatických podmínek	För vattenuppvärmning, årlig elförbukning(vid genomsnittliga klimatförhållanden)	für die Warmwasserbereitung, den jährlichen Stromwerbrauch bei durchschnittlichen Klimaverhältnissen	oro vytápění – roční spotřeba energie za průměrných klimatických podmínek	För rumsuppvärmning, årlig energiförbrukning(vid genomsnittliga klimatföthållanden)	für die Raumheizung, den jährlichen Energieverbrauch bei durchschnittlichen Klimaverhältnissen	Den nominella avgivna värmeeffekten(under genomsnittiga klimatförhållanden) nenovity tepelný výkon(za průměrných klimatických podmínek)	ilida eitei geecke dutinosi omere wooy Jie Wärmenennielstung bei durchschnittlichen Klimaverhältnissen	anerginektivitekklass vid vattenuppvärming - nerginetration. Rida anergastivit (Akklass vid vattenuppvärming	fida sezonni energetické účinnosti vylápění la Klasca fir rila Marmusecarharati nare-Energiaeffizionz	die Klasse für die jahreszeitbedingte Raumheizungs-Energieeffizienz säsongsrelaterade energieffektivitetsklass vid rumsuppvärmning	izkolepłotni aplikace	Nedertemperaturanwendung	mediumtemperaturapplikation sifedněteplotní aplikace	Wittil Jednoska Mitellemperaturanwendung	nomhusenhet	venkovní jednotka Innenxerät	Monthusenhet	Čeština	venska venska
уудейейлі меан L _{IVI} і ude нивото на звуковата мошност L _{IVI} на открито	le niveau de puissance acoustique L _{VM} à l'extérieur	energieffektiviteten wed vandopvarmning under varmere klimaforhold energieffektiviteten ved vandopvarmning under varmere klimaforhold	l'efficacité énergétique pour le chauffage de l'eau, dans les conditions climatiques plus chaudes		свзонната внергийна ефективност при отопление при по-топли климатични условия Гебрасф énergétous sour le chaufface de l'eau dans les conditions climatiques plus foides	аголимандовремента вентина вентинувания под	chaudes chaudes drewikininggrades and rimpowamping under varmers kilmatochold	l'efficactié énergétique saisonnière pour le chauffage des locaux, dans les conditions climatiques p	сезонната енергийна ефективност при отопление при по-студени климатични условия	årsvirkningsgraden ved rumopvarmning under koldere klimaforhold	l'efficacité énergétique saisonnière pour le chauffage des locaux, dans les conditions climatiques précides	за подгряване на вода, годишното потребление на електроенергия при по-топли климатични условия	for vandopvarmning det årlige elforbrug under varmere klimaforhold	pour le chauffage de l'eau, la consommation annuelle d'électricité, dans les conditions climatiques plus chaudes	за подгряване на вода, годишного потребление на електроенергия при по-студени климатични условия	for vandopvarmning det årlige elforbrug under koldere klimaforhold	pour le chauffage de l'eau, la consommation annuelle d'électricité, dans les conditions climatiques plus froides	за отопление, годишното потребление на енергия при по-топли климатични условия	pote in victorings vae overva, in consonilinatori annono vicingle, vans les ovirulators consequentes de della consonilinatori independente de della consonilinatori independente della consonilinatori		for rumopvarmning det ärlige energiforbrug under koldere klimaforhold	pour le chauffage des locaux, la consommation annuelle d'énergie, dans les conditions dimatiques plus froides	den nominelle nytteeltekt under varmere klimatorhold номиналната толлинна мощност при по-толли климатични условия	la puissance thermique nominale, dans les conditions climatiques plus chaudes	den nominelle nytteeffekt under koldere klimaforhold	работи само в часовете извън върховото натоварване la puissance thermique nominale, dans les conditions climatiques plus froides	fungere uden for spidsbelastningsperioder	нивото на звуховата мощност L _{VM} на закрито fonctionner qu'en heures creuses	le niveau de puissance acoustique L _{VM} , à l'intérieur lyderfektniveauet L _{VM} , i inde	енергийната ефективност при подгряване на вода(при средни климатични условия)	l'efficacité énergétique pour le chauffage de l'eau(dans les conditions climatiques moyennes) energieffattoileten und candonyarmino(under negonamentiline klimationhold)	овзонната внерлийна ефективност при отопление(при средни климатични условия)	ärsvirkningsgraden ved rumopvammling(under gennemsnittige klimaforhold)	l'efficacité énergétique saisonnière pour le chauffage des locaux(dans les conditions climatiques moyennes)	аа подгряване на вода, годишного потребление(при средни климатични условия)	for vandopvarmning det årlige efforbrug(under gennemsnittige klimaforhold)	pour le chauffage de l'eau, la consommation annuelle d'électricité (dans les conditions climatiques moyennes)	аа отопление, годишното потребление на енергия(при средни климатични условия)	for rumopvarmning det årlige energiforbrug(under gennemsnittige klimaforhold)	pour le chauffage des locaux, la consommation annuelle d'énergie(dans les conditions climatiques moyennes)	den nominelle nytteeffekt(under gennemsnillige klimaflorhold) номиналната топлинна мощност(при средни климатични условия)	la puissance thermique nominale dans les conditions climatiques moyennes	Klassen for announce or no grouper pour no announce or or com-	KRISCAT HIS CEQUIHIEITE OTOITIINTERINE BHERTRÜHIE BHERTRÜHIE GÜBERTRÜHIOCT Is classo d'affrontis Apportatione pour la chanifface de l'osni	la classe d'efficacité énergétique saisonnière, pour le chauffage des locaux klassen for érsvirkningsgrad vad rumopvarmning	нискотемпературни приложения	l'application à basse température	middeltemperaturanvendelsen cpegnorrenmeparyphorio npurkweinre	Tapplication à moyenne température	Indendors enhed	Bhauho Tono unité intérieure	Utline exterioure Udendors enhed	Български	Dansk
O nível de potência sonora L _{IVII} no exterior poziom mocy akustycznej L _{IVII} na zewnątrz	il livello di potenza sonora L _{VIA} all'esterno	a eficiléncia energética do aquecimento de água em condições climáticas mais quentes elektrivnosts energeticana podorzavania wody w warunkach klimatu ciecéeco	l'efficienza energetica di riscaldamento dell'acqua in condizioni climatiche più calde	a eficiência energética do aquecimento de água em condições climáticas mais frias efektywność energetyczna podgrzewania wody w warunkach klimatu chłodnego	Cleplego Felficienza energetica di riscaldamento dell'accua in condizioni dimatiche più fredde	Sezonowa efektywność enerostyczna odrzewania pomieszczeń w warunkach klimatu	A oficióncia enemática do asuecimento ambiente sazonal em condiciões cilimáticas mais cuentes	plus reflicienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più calde	sezonowa efektywność energetyczna ogrzewania pomieszczeń w warunkach Klimatu	A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais frias	plus i efficienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più fredde	w odniesieniu do podgrzewania wody, roczne zużycie energii elektrycznej w warunkach klimatu ciepłego	para o aquecimento de água, o consumo anual de eletricidade em condições climáticas mais quentes	s per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde e più calde	wania wody, roczne zużycie energii elektrycznej w warur	para o aquecimento de água, o consumo anual de eletricidade em condições climáticas mais frias	s per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde e più calde	w odniesteniu do ogrzewania pomieszczeń, roczne zużycie energii w warunkach klimatu cieplego	per il riscaldamento d'ambiente, il consumo annuo di energia, in condizioni climatiche più calde Bara a naurolimento ambiente a consumo annuol de proporte ambiente all'artiche militaria aurolimente.	w odniesieni chłodnego	Para o aquecimento ambiente, o consumo anual de energia em condições climáticas mais frias	es per il riscaldamento d'ambiente, il consumo annuo di energia, in condizioni climatiche più fredde	A potencia calontica nominal em condições climáticas mais quentes znamionowa moc ciepína w warunkach klimatu ciepíego	la potenza termica nominale, in condizioni climatiche più calde	A poténcia calorifica nominal em condições climáticas mais frias	00 Pg	de funcionar unicamente fora das horas de pico	poziom mocy akustycznej L _{MA} , w pomieszczeniu funzione soltanto durante le ore morte	Il livello di potenza sonora L _{VM} all'interno O nivel de potenzia sonora L _{VM} no interior	a muomi ina di mugunua uu aqueun mi ino wa aguarani ozininjuras uni muusa i nisuma) afaktywność energetyczna podgrzewania wody(w warunkach klimatu umiarkowanego)	l'efficienza energetica di riscaldamento dell'acqua(in condizioni climatiche medie) a eficienzia energetica di acquarimento dei acquarim condizioni climatiche medie)	sezonowa efektywność energetyczna ogrzewania pomieszczeń(w warunkach klimatu umiarkowanego)	A efficiencia energetica do aquecimento ambiente sazonal(em condições climáticas médias)	l'efficienza energetica stagionale di riscaldamento d'ambiente(in condizioni climatiche medie)	w odniesieniu do podgrzevania wody, roczne zużycie energii elektrycznej(w warunkach klimatu umiarkowanego)	para o aquecimento de água, o consumo anual de eletricidade(em condições climáticas médias)	per il riscaldamento dell'acqua, il consumo annuo di energia(in condizioni climatiche media)	w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii(w warunkach klimatu umiarkowanego)	Para o aquecimento ambiente, o consumo anual de energia(em condições climáticas médias)	per il riscaldamento d'ambiente, il consumo annuo di energia(in condizioni climatiche medie)	A potência calorífica nominal(em condições climáticas médias) znamionowa moc clepina(v warunkach klimatu umiarkowanego)	nasa erenyemban eriergeryazirej podpazevralna wody la potenza termica nominaler(in condizioni climatiche medie)	A classe de monocorrer energialista do recomencia van recomenção de la Cassa de Cass	Klasa sezonowej efektyvności energetycznej ogrzewania pomieszczeń ta olacea dlafficiorza energetycznej ogrzewania pomieszczeń	la classe di officienza energetica stagionale del riscaldamento d'ambiente A classe de eficiência energética do aquecimento ambiente sazonal	zastosowania w niskich temperaturach	le applicazioni a bassa temperatura	a aplicação a média temperatura zastosowania w średnich temperaturach	jeunosika wewnięuzna le applicazioni a media temperatura	unidade interior	jednostka zewnętrzna untá interna	unidade exterior	Polski	Português
η ατάθμη ηχητικής σκχύος L _{VM} εξωτερικού χώρου	el nivel de patencia acústica L _{IVA} en exteriores	η ενεργειακή απόδοση της θέρμανσης νερού υπό θερμάτερες κλιματικές συνθήκες	ncia energética de caldeo	η ενεργεσική απόδοση της θέρμανσης νερού υπό ψυχρότερες κλιματικές συνθήκες	la eficiencia energética de caldeo de agua en conficieros climáticas más frias	συνθήκες	η ενεργεακή απόδοση της εποχιακής θέρμανσης χώρου υπό θερμότερες κλιματικές	la eficiencia energetica estacional de calefacción en condiciones climáticas más cálidas		η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου υπό ψυχρότερες κλιματικές συνθήκες	la eficiencia energética estacional de calefacción en condiciones climáticas más frías		για θέρμανση νερού, η επήσια κατανάλωση ηλεκτρικής ενέργειας υπό θέρμοτερες κλιματικές αυνθήκες	_	1	για θέρμανση νερού, η επήσια κατανάλωση ηλεκτρικής ενέργειας υπό ψυχρότερες κλιματικές συνθήκες	più para calentar agua, el consumo anual de electricidad en condiciones climáticas más frías	1 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -			για θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας υπό ψυχρότερες κλιματικές συνθήκες	para calentar espacios, el consumo anual de energía en condiciones climáticas más frias	η ονομαστική θερμική ισχύς υπο θερμοτερες κλιματικές συνθήκες	la potencia calorifica nominal en condiciones climáticas más cálidas	η ονομαστική θερμική ισχύς υπό ψυχρότερες κλιματικές συνθήκες	la potencia catorifica nominal en condiciones climáticas más frias	λατουργία μόνο εκτός των ωρών σιχμής	funcionar solamente durante las horas de baja demanda	el nivel de potencia acústica L _{IVA} en interiores η στάθμη ηχητικής ισχύος L _{IVA} εσωτερικού χώρου	(Switners of services of services for the services of	la eficiencia energética del caldeo de agua(en condiciones climáticas medias)		η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου/υπό μέσες κλιματικές συνθήκες)	la eficiencia energética estacional de calefacción(en condiciones climáticas medias)		για την θέρμανση νερού, η επίρια κατανάλωση ηλικτρικής ενέργειας(υπό μέσες κλιματικές αυνθήκες)	para calentar agua, el consumo anual de electricidad(en condiciones climáticas medias)		για τη θέρμανση χώρου, η επίσια κατανάλωση ενέργειας(υπό μέσες κλιματικές συνθήκες)	para calentar espacios, el consumo anual de energia(en condiciones climáticas medias)	η ονομαστική θερμική αχύς(υπό μέσες κλιματικές συνθήκες)	la potencia calorifica nominal(en condiciones climáticas medias)	η τόξη εντργειακής απόδοσης θέρμανσης νερού	la ciasa de aficiancia energática del caldon de enua	la clase de eficiencia energética estacional de calefacción η τάξη ενεργειακής απόδοσης της εποχιακής θέρμανσης χώρου	il subpletyll os Kriti (vi ost) bestsenen	la aplicación de baja temperatura	η εφαρμογή σε μέση θερμοκρασία	la aplicación de media temperatura	Εσωτερική μονάδα	unidad interior	Eξωτερική μονάδα	1.000	Ελληνικά

Model(s):		Outdoor u	ınit:	PUZ-WM60VAA(-BS)			
		Indoor uni	it:	EHPT17X-**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	nter:			yes			
Heat pump combination heater:				yes			
Parameters for				medium-temperature application.			
Parameters for				average climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηѕ	142	%
Declared capacity for heating for pa	art load a	t indoor		Declared coefficient of performance o	r primary e	nergy ratio	for
temperature 20 °C and outdoor tem	perature ⁻	Τј	i	part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj
Tj = - 7 °C	Pdh	5.3	kW	Tj = - 7 °C	COPd	2.26	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.5	kW	Tj = + 2 °C	COPd	3.57	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	3.6	kW	Tj = + 7 °C	COPd	5.07	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	3.2	kW	Tj = +12 °C	COPd	6.81	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	2.26	-
Tj = operation limit temperature	Pdh	4.9	kW	Tj = operation limit temperature	COPd	1.76	-
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	ve mode		temperature Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.8	kW
Thermostat-off mode	P_{TO}	0.015	kW				
Standby mode	P_SB	0.015	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.000	kW			Electrical	
Other items				! !	·Į		
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L _{WA}	40/58	dBA				
Annual energy consumption	Q_{HE}	3318	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	120	%
Daily electricity consumption	Qelec	4.100	kW/h				
Annual electricity consumption	AEC	899	kW/h				
Contact details							

^(*) 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-WM60VAA(-BS)			
		Indoor uni	it:	EHPT17X-**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	iter:			yes			
Heat pump combination heater:				yes			
Parameters for				low-temperature application.			
Parameters for				average climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηѕ	190	%
Declared capacity for heating for pa	ırt load a	t indoor		Declared coefficient of performance of	or primary e	nergy ratio	for
temperature 20 °C and outdoor tem	perature ·	Τј		part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj
Tj = - 7 °C	Pdh	5.8	kW	Tj = - 7 °C	COPd	3.39	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	4.1	kW	Tj = + 2 °C	COPd	4.82	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	3.3	kW	Tj = + 7 °C	COPd	6.35	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	3.1	kW	Tj = +12 °C	COPd	8.86	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	3.40	-
Tj = operation limit temperature	Pdh	4.9	kW	Tj = operation limit temperature	COPd	1.76	_
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
Dower consumption in modes other	than acti	vo modo		temperature Supplementary heater	WIOL	00	
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	0.8	kW
Thermostat-off mode	P _{OFF}	0.015		Nated Heat Output ()	FSup	0.0	KVV
	P _{TO}		kW	Town of annual insul			
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode Other items	Рск	0.000	kW				
Capacity control		variable		Rated air flow rate, outdoors		2660	m³/h
		40/58	4DA	Nated all flow rate, outdoors	-	2000	111 /11
Sound power level, indoors/outdoors	L _{WA}		dBA				
Annual energy consumption	Q _{HE}	2475	kWh				
For heat pump combination heater:				<u> </u>			
Declared load profile		L		Water heating energy efficiency	ηwh	120	%
Daily electricity consumption	Qelec	4.100	kW/h				
Annual electricity consumption	AEC	899	kW/h				
Contact details							

^(*) 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-WM60VAA(-BS)			
		Indoor uni	it:	EHPT17X-**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	iter:			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	5.0	kW	Seasonal space heating energy efficiency	ηѕ	127	%
Declared capacity for heating for pa	art load a	t indoor		Declared coefficient of performance o	r primary e	nergy ratio	for
temperature 20 °C and outdoor tem	perature ⁻	Τј	,	part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj
Tj = - 7 °C	Pdh	3.5	kW	Tj = - 7 °C	COPd	3.02	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	3.6	kW	Tj = + 2 °C	COPd	3.83	-
Degradation co-efficient (**)	Cdh	0.98	-			-	
Tj = + 7 °C	Pdh	3.5	kW	Tj = + 7 °C	COPd	4.73	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	7.06	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	4.7	kW	Tj = bivalent temperature	COPd	2.13	-
Tj = operation limit temperature	Pdh	4.7	kW	Tj = operation limit temperature	COPd	1.67	-
Tj = -15 °C (if TOL < -20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-15	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit	WTOL	60	°C
Power consumption in modes other	than acti	ve mode		temperature Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	5.0	kW
Thermostat-off mode	P_{TO}	0.015	kW				
Standby mode	P_{SB}	0.015	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.000	kW			Electrical	
Other items				I I	ļ		
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L _{WA}	40/58	dBA			<u> </u>	
Annual energy consumption	Q_{HE}	3671	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	101	%
Daily electricity consumption	Qelec	4.900	kW/h				
Annual electricity consumption	AEC	1073	kW/h				
Contact details							

^(*) 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-WM60VAA(-BS)			
		Indoor uni	it:	EHPT17X-**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	nter:			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	4.4	kW	Seasonal space heating energy efficiency	ηs	166	%
Declared capacity for heating for pa	art load a	t indoor		Declared coefficient of performance o	r 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	4.0	kW	Tj = - 7 °C	COPd	4.30	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 2 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	5.85	-
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	4.2	kW	Tj = bivalent temperature	COPd	2.31	-
Tj = operation limit temperature	Pdh	4.2	kW	Tj = operation limit temperature	COPd	2.31	-
Tj = -15 °C (if TOL < -20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit	WTOL	60	°C
Power consumption in modes other	than acti	ve mode		temperature Supplementary heater		<u> </u>	
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.4	kW
Thermostat-off mode	P_{TO}	0.015	kW			<u> </u>	
Standby mode	P_{SB}	0.015	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.000	kW			Electrical	
Other items				I I			
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L _{WA}	40/58	dBA				
Annual energy consumption	Q_{HE}	2492	kWh				
For heat pump combination heater:		I					
Declared load profile		L		Water heating energy efficiency	ηwh	101	%
Daily electricity consumption	Qelec	4.900	kW/h				
Annual electricity consumption	AEC	1073	kW/h				
Contact details							

^(*) 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-WM60VAA(-BS)			
		Indoor uni	it:	EHPT17X-**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	iter:			yes			
Heat pump combination heater:				yes			
Parameters for				medium-temperature application.			
Parameters for				warmer climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating	ηs	154	%
Declared capacity for heating for pa	l art load a	t indoor		energy efficiency Declared coefficient of performance of	l or primary e	nergy ratio	for
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C			
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	6.0	kW	Tj = + 2 °C	COPd	1.85	-
Degradation co-efficient (**)	Cdh	0.99	-			lI	
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	3.22	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.4	kW	Tj = +12 °C	COPd	5.76	_
Degradation co-efficient (**)	Cdh	0.97	_				
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	1.85	_
Tj = operation limit temperature	Pdh	4.9	kW	Tj = operation limit temperature	COPd	1.67	_
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	_	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	_	_
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C
Bivaloni tomporataro	1211			Heating water operating limit	WTOL		°C
				temperature	WIOL	60	
Power consumption in modes other Off mode		I	Is\A/	Supplementary heater	Davis		kW
	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	KVV
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{CK}	0.000	kW				
Other items						0000	3,,
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}	1991	kWh				
For heat pump combination heater:				H			
Declared load profile		L	_	Water heating energy efficiency	ηwh	135	%
Daily electricity consumption	Qelec	3.700	kW/h				
Annual electricity consumption	AEC	803	kW/h				
Contact details					·		

^(*) 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-WM60VAA(-BS)			
		Indoor uni	it:	EHPT17X-**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	iter:			yes			
Heat pump combination heater:				yes			
Parameters for				low-temperature application.			
Parameters for				warmer climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηѕ	218	%
Declared capacity for heating for pa	I art load a	t indoor		Declared coefficient of performance of	or primary e	nergy ratio	for
temperature 20 °C and outdoor tem	perature ·	Τј		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	6.0	kW	Tj = + 2 °C	COPd	3.64	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	4.76	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	7.50	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	3.64	-
Tj = operation limit temperature	Pdh	4.9	kW	Tj = operation limit temperature	COPd	1.67	_
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C
		_		Heating water operating limit	WTOL	60	°C
Dower consumption in modes other	than acti	vo modo		temperature Supplementary heater	WIOL	00	
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	0.0	kW
	P _{OFF}			Kated Heat Output ()	FSup	0.0	KVV
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	Рск	0.000	kW				
Other items Capacity control		variable		Rated air flow rate, outdoors		2660	m³/h
			-IDA	Rated all flow fate, outdoors	-	2000	111 /11
Sound power level, indoors/outdoors	L _{WA}	40/58	dBA				
Annual energy consumption	Q _{HE}	1397	kWh				
For heat pump combination heater:				<u> </u>			
Declared load profile		L		Water heating energy efficiency	ηwh	135	%
Daily electricity consumption	Qelec	3.700	kW/h				
Annual electricity consumption	AEC	803	kW/h				
Contact details							

^(*) 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-WM60VAA(-BS)					
		Indoor uni	it:	EHPT20X-**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	iter:			yes					
Heat pump combination heater:				yes					
Parameters for				medium-temperature application.					
Parameters for				average climate conditions.					
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit		
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating	ηѕ	142	%		
Declared capacity for heating for pa	l art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for		
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C		0,			
Tj = - 7 °C	Pdh	5.3	kW	Tj = - 7 °C	COPd	2.26	-		
Degradation co-efficient (**)	Cdh	0.99	-						
Tj = + 2 °C	Pdh	3.5	kW	Tj = + 2 °C	COPd	3.57	-		
Degradation co-efficient (**)	Cdh	0.98	-						
Tj = + 7 °C	Pdh	3.6	kW	Tj = + 7 °C	COPd	5.07	-		
Degradation co-efficient (**)	Cdh	0.97	_						
Tj = +12 °C	Pdh	3.2	kW		COPd	6.81	_		
Degradation co-efficient (**)	Cdh	0.96	_						
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	2.26	_		
Tj = operation limit temperature	Pdh	4.9	kW	Tj = operation limit temperature	COPd	1.76	_		
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		
bivalent temperature	TUIV	-1		Heating water operating limit			-		
				temperature	WTOL	60	°C		
Power consumption in modes other	than acti	ı	1	Supplementary heater		1			
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	8.0	kW		
Thermostat-off mode	P _{TO}	0.015	kW						
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical			
Crankcase heater mode	P _{CK}	0.000	kW						
Other items	1					1			
Capacity control		variable	_	Rated air flow rate, outdoors	-	2660	m³/h		
Sound power level, indoors/outdoors	L_{WA}	40/58	dBA						
Annual energy consumption	Q_{HE}	3318	kWh						
For heat pump combination heater:									
Declared load profile		L		Water heating energy efficiency	ηwh	145	%		
Daily electricity consumption	Qelec	3.400	kW/h						
Annual electricity consumption	AEC	749	kW/h						
Contact details									

^(*) 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	nit:	PUZ-WM60VAA(-BS)					
		Indoor uni	t:	EHPT20X-**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	iter:			yes					
Heat pump combination heater:				yes					
Parameters for				low-temperature application.					
Parameters for				average climate conditions.					
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit		
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηѕ	190	%		
Declared capacity for heating for pa	ırt load a	t indoor		Declared coefficient of performance of	I or primary e	nergy ratio	for		
temperature 20 °C and outdoor tem	perature ·	Τј		part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj		
Tj = - 7 °C	Pdh	5.8	kW	Tj = - 7 °C	COPd	3.39	-		
Degradation co-efficient (**)	Cdh	0.99	-						
Tj = + 2 °C	Pdh	4.1	kW	Tj = + 2 °C	COPd	4.82	-		
Degradation co-efficient (**)	Cdh	0.98	-						
Tj = + 7 °C	Pdh	3.3	kW	Tj = + 7 °C	COPd	6.35	-		
Degradation co-efficient (**)	Cdh	0.97	-						
Tj = +12 °C	Pdh	3.1	kW	Tj = +12 °C	COPd	8.86	-		
Degradation co-efficient (**)	Cdh	0.95	_						
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	3.40	-		
Tj = operation limit temperature	Pdh	4.9	kW	Tj = operation limit temperature	COPd	1.76	_		
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		
Dower consumption in modes other	than acti	vo modo		temperature Supplementary heater	WIOL	00			
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	0.8	kW		
	P _{OFF}			Kaled Heat Output ()	FSup	0.6	KVV		
Thermostat-off mode	P _{TO}	0.015	kW						
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical			
Crankcase heater mode	Рск	0.000	kW						
Other items Capacity control		variable		Rated air flow rate, outdoors		2660	m³/h		
,		40/58	-IDA	Rated all flow fate, outdoors	-	2000	111 /11		
Sound power level, indoors/outdoors	L _{WA}		dBA						
Annual energy consumption	Q _{HE}	2475	kWh						
For heat pump combination heater:				<u> </u>		,			
Declared load profile		L		Water heating energy efficiency	ηwh	145	%		
Daily electricity consumption	Qelec	3.400	kW/h						
Annual electricity consumption	AEC	749	kW/h						
Contact details									

^(*) 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	nit:	PUZ-WM60VAA(-BS)					
		Indoor uni	t:	EHPT20X-**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	iter:			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	5.0	kW	Seasonal space heating	ηѕ	127	%		
Declared capacity for heating for pa	art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for		
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C		0,			
Tj = - 7 °C	Pdh	3.5	kW	Tj = - 7 °C	COPd	3.02	-		
Degradation co-efficient (**)	Cdh	0.98	-						
Tj = + 2 °C	Pdh	3.6	kW	Tj = + 2 °C	COPd	3.83	-		
Degradation co-efficient (**)	Cdh	0.98	-						
Tj = + 7 °C	Pdh	3.5	kW	Tj = + 7 °C	COPd	4.73	-		
Degradation co-efficient (**)	Cdh	0.98	_						
Tj = +12 °C	Pdh	3.6	kW		COPd	7.06	_		
Degradation co-efficient (**)	Cdh	0.97	_						
Tj = bivalent temperature	Pdh	4.7	kW	Tj = bivalent temperature	COPd	2.13	_		
Tj = operation limit temperature	Pdh	4.7	kW	Tj = operation limit temperature	COPd	1.67	_		
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	_		
Bivalent temperature	Tbiv	-15	°C	Operation limit temperature	TOL	-20	°C		
bivalent temperature	TUIV	-15		Heating water operating limit			-		
				temperature	WTOL	60	°C		
Power consumption in modes other	than acti	ı		Supplementary heater		1			
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	5.0	kW		
Thermostat-off mode	P _{TO}	0.015	kW						
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical			
Crankcase heater mode	P _{CK}	0.000	kW						
Other items				I I		1			
Capacity control		variable	1	Rated air flow rate, outdoors	-	2660	m³/h		
Sound power level, indoors/outdoors	L_WA	40/58	dBA						
Annual energy consumption	Q_{HE}	3671	kWh						
For heat pump combination heater:									
Declared load profile		L		Water heating energy efficiency	ηwh	116	%		
Daily electricity consumption	Qelec	4.200	kW/h						
Annual electricity consumption	AEC	927	kW/h						
Contact details									

^(*) 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-WM60VAA(-BS)			
		Indoor uni	it:	EHPT20X-**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	nter:			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	4.4	kW	Seasonal space heating energy efficiency	ηѕ	166	%
Declared capacity for heating for pa	art load a	t indoor		Declared coefficient of performance o	r primary e	nergy ratio	for
temperature 20 °C and outdoor tem	perature ⁻	Тј	1	part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj
Tj = - 7 °C	Pdh	4.0	kW	Tj = - 7 °C	COPd	4.30	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 2 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	5.85	-
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	4.2	kW	Tj = bivalent temperature	COPd	2.31	-
Tj = operation limit temperature	Pdh	4.2	kW	Tj = operation limit temperature	COPd	2.31	-
Tj = -15 °C (if TOL < -20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
		,	•	Heating water operating limit	WTOL	60	°C
Power consumption in modes other	than acti	ve mode		Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.4	kW
Thermostat-off mode	P_{TO}	0.015	kW				
Standby mode	P_SB	0.015	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.000	kW			Electrical	
Other items				! !	1		
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L _{WA}	40/58	dBA			,	
Annual energy consumption	Q_{HE}	2492	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	116	%
Daily electricity consumption	Qelec	4.200	kW/h				
Annual electricity consumption	AEC	927	kW/h				
Contact details							

^(*) 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-WM60VAA(-BS)					
		Indoor uni	it:	EHPT20X-**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	iter:			yes					
Heat pump combination heater:				yes					
Parameters for				medium-temperature application.					
Parameters for				warmer climate conditions.					
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit		
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating	ηѕ	154	%		
Declared capacity for heating for pa	art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for		
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C					
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-		
Degradation co-efficient (**)	Cdh	-	-						
Tj = + 2 °C	Pdh	6.0	kW	Tj = + 2 °C	COPd	1.85	-		
Degradation co-efficient (**)	Cdh	0.99	-						
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	3.22	-		
Degradation co-efficient (**)	Cdh	0.98	-						
Tj = +12 °C	Pdh	3.4	kW		COPd	5.76	-		
Degradation co-efficient (**)	Cdh	0.97	_						
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	1.85	_		
Tj = operation limit temperature	Pdh	4.9	kW	Tj = operation limit temperature	COPd	1.67	_		
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	_		
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C		
bivaient temperature	TOIV	2	J	Heating water operating limit			-		
				temperature	WTOL	60	°C		
Power consumption in modes other		1		Supplementary heater					
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW		
Thermostat-off mode	P _{TO}	0.015	kW						
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical			
Crankcase heater mode	Рск	0.000	kW						
Other items	-					1			
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h		
Sound power level, indoors/outdoors	L_WA	40/58	dBA						
Annual energy consumption	Q_{HE}	1991	kWh						
For heat pump combination heater:				П					
Declared load profile		L		Water heating energy efficiency	ηwh	161	%		
Daily electricity consumption	Qelec	3.100	kW/h						
Annual electricity consumption	AEC	679	kW/h						
Contact details									

^(*) 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-WM60VAA(-BS)					
		Indoor uni	it:	EHPT20X-**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	iter:			yes					
Heat pump combination heater:				yes					
Parameters for				low-temperature application.					
Parameters for				warmer climate conditions.					
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit		
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating	ηs	218	%		
Declared capacity for heating for pa	art load a	t indoor		energy efficiency Declared coefficient of performance of	r primary e	nergy ratio	for		
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C					
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-		
Degradation co-efficient (**)	Cdh	-	-						
Tj = + 2 °C	Pdh	6.0	kW	Tj = + 2 °C	COPd	3.64	-		
Degradation co-efficient (**)	Cdh	0.99	-			<u> </u>			
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	4.76	-		
Degradation co-efficient (**)	Cdh	0.98	-						
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	7.50	-		
Degradation co-efficient (**)	Cdh	0.96	_						
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	3.64	_		
Tj = operation limit temperature	Pdh	4.9	kW	Tj = operation limit temperature	COPd	1.67	_		
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	_	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	_	_		
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C		
Bivaioni tomporataro	1511			Heating water operating limit			-		
				temperature	WTOL	60	°C		
Power consumption in modes other		1	134/	Supplementary heater	Davis		1.30/		
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW		
Thermostat-off mode	P _{TO}	0.015	kW						
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical			
Crankcase heater mode	P _{CK}	0.000	kW						
Other items				<u> </u>		1	3		
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}	1397	kWh						
For heat pump combination heater:				П					
Declared load profile		L		Water heating energy efficiency	ηwh	161	%		
Daily electricity consumption	Qelec	3.100	kW/h						
Annual electricity consumption	AEC	679	kW/h						
Contact details									

^(*) 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	nit:	PUZ-WM60VAA(-BS)					
		Indoor uni	t:	ERPT17X-**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	iter:			yes					
Heat pump combination heater:				yes					
Parameters for				medium-temperature application.					
Parameters for				average climate conditions.					
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit		
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating	ηѕ	145	%		
Declared capacity for heating for pa	art load a	t indoor		energy efficiency Declared coefficient of performance of	r primary e	nergy ratio	for		
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C					
Tj = - 7 °C	Pdh	5.3	kW	Tj = - 7 °C	COPd	2.26	-		
Degradation co-efficient (**)	Cdh	0.99	-						
Tj = + 2 °C	Pdh	3.5	kW	Tj = + 2 °C	COPd	3.57	-		
Degradation co-efficient (**)	Cdh	0.98	-						
Tj = + 7 °C	Pdh	3.6	kW	Tj = + 7 °C	COPd	5.07	-		
Degradation co-efficient (**)	Cdh	0.97	_						
Tj = +12 °C	Pdh	3.2	kW		COPd	6.81	-		
Degradation co-efficient (**)	Cdh	0.96	_						
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	2.26	_		
Tj = operation limit temperature	Pdh	4.9	kW	Tj = operation limit temperature	COPd	1.76	_		
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		
bivalent temperature	TUIV	-1		Heating water operating limit			-		
				temperature	WTOL	60	°C		
Power consumption in modes other	than acti	ı		Supplementary heater		1			
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	8.0	kW		
Thermostat-off mode	P _{TO}	0.015	kW						
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical			
Crankcase heater mode	P _{CK}	0.000	kW						
Other items									
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h		
Sound power level, indoors/outdoors	L_WA	40/58	dBA						
Annual energy consumption	Q_{HE}	3318	kWh						
For heat pump combination heater:									
Declared load profile		L		Water heating energy efficiency	ηwh	120	%		
Daily electricity consumption	Qelec	4.100	kW/h						
Annual electricity consumption	AEC	899	kW/h						
Contact details									

^(*) 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	nit:	PUZ-WM60VAA(-BS)					
		Indoor uni	t:	ERPT17X-**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	iter:			yes					
Heat pump combination heater:				yes					
Parameters for				low-temperature application.					
Parameters for				average climate conditions.					
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit		
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating	ηѕ	197	%		
Declared capacity for heating for pa	l art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for		
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C					
Tj = - 7 °C	Pdh	5.8	kW	Tj = - 7 °C	COPd	3.39	-		
Degradation co-efficient (**)	Cdh	0.99	-						
Tj = + 2 °C	Pdh	4.1	kW	Tj = + 2 °C	COPd	4.82	-		
Degradation co-efficient (**)	Cdh	0.98	-						
Tj = + 7 °C	Pdh	3.3	kW	Tj = + 7 °C	COPd	6.35	-		
Degradation co-efficient (**)	Cdh	0.97	_						
Tj = +12 °C	Pdh	3.1	kW		COPd	8.86	_		
Degradation co-efficient (**)	Cdh	0.95	_						
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	3.40	_		
Tj = operation limit temperature	Pdh	4.9	kW	Tj = operation limit temperature	COPd	1.76	_		
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		
bivalent temperature	TUIV	-1		Heating water operating limit			-		
				temperature	WTOL	60	°C		
Power consumption in modes other	than acti	1		Supplementary heater		1			
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	8.0	kW		
Thermostat-off mode	P _{TO}	0.015	kW						
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical			
Crankcase heater mode	Рск	0.000	kW						
Other items	г			I I		1			
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h		
Sound power level, indoors/outdoors	L_{WA}	40/58	dBA						
Annual energy consumption	Q_{HE}	2475	kWh						
For heat pump combination heater:									
Declared load profile		L		Water heating energy efficiency	ηwh	120	%		
Daily electricity consumption	Qelec	4.100	kW/h						
Annual electricity consumption	AEC	899	kW/h						
Contact details									

^(*) 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-WM60VAA(-BS)					
		Indoor uni	it:	ERPT17X-**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	iter:			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	5.0	kW	Seasonal space heating	ηs	130	%		
Declared capacity for heating for pa	l art load a	t indoor		energy efficiency Declared coefficient of performance of	r primary e	nergy ratio	for		
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C		•			
Tj = - 7 °C	Pdh	3.5	kW	Tj = - 7 °C	COPd	3.02	-		
Degradation co-efficient (**)	Cdh	0.98	-						
Tj = + 2 °C	Pdh	3.6	kW	Tj = + 2 °C	COPd	3.83	-		
Degradation co-efficient (**)	Cdh	0.98	-						
Tj = + 7 °C	Pdh	3.5	kW	Tj = + 7 °C	COPd	4.73	-		
Degradation co-efficient (**)	Cdh	0.98	_						
Tj = +12 °C	Pdh	3.6	kW		COPd	7.06	_		
Degradation co-efficient (**)	Cdh	0.97	_						
Tj = bivalent temperature	Pdh	4.7	kW	Tj = bivalent temperature	COPd	2.13	_		
Tj = operation limit temperature	Pdh	4.7	kW	Tj = operation limit temperature	COPd	1.67	_		
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	_		
Bivalent temperature	Tbiv	-15	°C	Operation limit temperature	TOL	-20	°C		
bivalent temperature	TUIV	-15		Heating water operating limit			-		
				temperature	WTOL	60	°C		
Power consumption in modes other	than acti	ı	1	Supplementary heater		1 1			
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	5.0	kW		
Thermostat-off mode	P _{TO}	0.015	kW						
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical			
Crankcase heater mode	P _{CK}	0.000	kW						
Other items	1								
Capacity control		variable	_	Rated air flow rate, outdoors	-	2660	m³/h		
Sound power level, indoors/outdoors	L_{WA}	40/58	dBA						
Annual energy consumption	Q_{HE}	3671	kWh						
For heat pump combination heater:									
Declared load profile		L		Water heating energy efficiency	ηwh	101	%		
Daily electricity consumption	Qelec	4.900	kW/h						
Annual electricity consumption	AEC	1073	kW/h						
Contact details									

^(*) 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-WM60VAA(-BS)			
		Indoor uni	it:	ERPT17X-**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	nter:			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	4.4	kW	Seasonal space heating energy efficiency	ηs	173	%
Declared capacity for heating for pa	art load a	t indoor		Declared coefficient of performance o	r 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	4.0	kW	Tj = - 7 °C	COPd	4.30	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 2 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.98	-			•	
Tj = + 7 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	5.85	-
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	4.2	kW	Tj = bivalent temperature	COPd	2.31	-
Tj = operation limit temperature	Pdh	4.2	kW	Tj = operation limit temperature	COPd	2.31	-
Tj = -15 °C (if TOL < -20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit	WTOL	60	°C
Power consumption in modes other	than acti	ve mode		temperature Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.4	kW
Thermostat-off mode	P_{TO}	0.015	kW				
Standby mode	P_{SB}	0.015	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.000	kW			Electrical	
Other items				I I	ļ		
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L _{WA}	40/58	dBA				
Annual energy consumption	Q_{HE}	2492	kWh				
For heat pump combination heater:		<u> </u>	·				
Declared load profile		L		Water heating energy efficiency	ηwh	101	%
Daily electricity consumption	Qelec	4.900	kW/h				
Annual electricity consumption	AEC	1073	kW/h				
Contact details							

^(*) 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	nit:	PUZ-WM60VAA(-BS)					
		Indoor uni	t:	ERPT17X-**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	iter:			yes					
Heat pump combination heater:				yes					
Parameters for				medium-temperature application.					
Parameters for				warmer climate conditions.					
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit		
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating	ηѕ	158	%		
Declared capacity for heating for pa	l art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for		
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C					
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-		
Degradation co-efficient (**)	Cdh	-	-				l		
Tj = + 2 °C	Pdh	6.0	kW	Tj = + 2 °C	COPd	1.85	-		
Degradation co-efficient (**)	Cdh	0.99	-						
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	3.22	-		
Degradation co-efficient (**)	Cdh	0.98	-						
Tj = +12 °C	Pdh	3.4	kW	Tj = +12 °C	COPd	5.76	_		
Degradation co-efficient (**)	Cdh	0.97	_						
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	1.85	_		
Tj = operation limit temperature	Pdh	4.9	kW	Tj = operation limit temperature	COPd	1.67	-		
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd		_		
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C		
Divaient temperature	TOIV			Heating water operating limit					
				temperature	WTOL	60	°C		
Power consumption in modes other		1	134/	Supplementary heater	D		1-30/		
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW		
Thermostat-off mode	P _{TO}	0.015	kW						
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical			
Crankcase heater mode	P _{CK}	0.000	kW						
Other items				H			3		
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}	1991	kWh						
For heat pump combination heater:				П					
Declared load profile		L		Water heating energy efficiency	ηwh	135	%		
Daily electricity consumption	Qelec	3.700	kW/h						
Annual electricity consumption	AEC	803	kW/h						
Contact details			-						

^(*) 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-WM60VAA(-BS)						
		Indoor uni	it:	ERPT17X-**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	iter:			yes						
Heat pump combination heater:				yes						
Parameters for				low-temperature application.						
Parameters for				warmer climate conditions.						
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit			
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating	ηs	226	%			
Declared capacity for heating for pa	I art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for			
temperature 20 °C and outdoor tem				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	6.0	kW	Tj = + 2 °C	COPd	3.64	-			
Degradation co-efficient (**)	Cdh	0.99	-							
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	4.76	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	7.50	-			
Degradation co-efficient (**)	Cdh	0.96	-							
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	3.64	-			
Tj = operation limit temperature	Pdh	4.9	kW	Tj = operation limit temperature	COPd	1.67	_			
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-			
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C			
		_		Heating water operating limit	WTOL	60	°C			
Dower consumption in modes other	than acti	vo modo		temperature Supplementary heater	WIOL	00				
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	0.0	kW			
	P _{OFF}			Kated Heat Output ()	FSup	0.0	KVV			
Thermostat-off mode	P _{TO}	0.015	kW							
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode	Рск	0.000	kW							
Other items Capacity control		variable		Rated air flow rate, outdoors		2660	m³/h			
			4DA	Nated all flow rate, outdoors	-	2000	111 /11			
Sound power level, indoors/outdoors	L _{WA}	40/58	dBA							
Annual energy consumption	Q _{HE}	1397	kWh							
For heat pump combination heater:				<u> </u>						
Declared load profile		L		Water heating energy efficiency	ηwh	135	%			
Daily electricity consumption	Qelec	3.700	kW/h							
Annual electricity consumption	AEC	803	kW/h							
Contact details										

^(*) 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	nit:	PUZ-WM60VAA(-BS)			
		Indoor uni	t:	ERPT20X-**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	iter:			yes			
Heat pump combination heater:				yes			
Parameters for				medium-temperature application.			
Parameters for				average climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηѕ	145	%
Declared capacity for heating for pa	ırt load a	t indoor		Declared coefficient of performance of	I or primary e	nergy ratio	for
temperature 20 °C and outdoor tem	perature ·	Τј		part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj
Tj = - 7 °C	Pdh	5.3	kW	Tj = - 7 °C	COPd	2.26	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.5	kW	Tj = + 2 °C	COPd	3.57	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	3.6	kW	Tj = + 7 °C	COPd	5.07	-
Degradation co-efficient (**)	Cdh	0.97	-			<u> </u>	
Tj = +12 °C	Pdh	3.2	kW	Tj = +12 °C	COPd	6.81	-
Degradation co-efficient (**)	Cdh	0.96	_				
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	2.26	-
Tj = operation limit temperature	Pdh	4.9	kW	Tj = operation limit temperature	COPd	1.76	_
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
Dower consumption in modes other	than acti	vo modo		temperature Supplementary heater	WIOL	00	
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	0.8	kW
	P _{OFF}			Kaled Heat Output ()	FSup	0.6	KVV
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode Other items	Рск	0.000	kW				
Capacity control		variable		Rated air flow rate, outdoors		2660	m³/h
,		40/58	4DA	Nated all flow fate, outdoors	-	2000	111 /11
Sound power level, indoors/outdoors	L _{WA}		dBA				
Annual energy consumption	Q _{HE}	3318	kWh				
For heat pump combination heater:				<u> </u>			
Declared load profile		L		Water heating energy efficiency	ηwh	145	%
Daily electricity consumption	Qelec	3.400	kW/h				
Annual electricity consumption	AEC	749	kW/h				
Contact details							

^(*) 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	nit:	PUZ-WM60VAA(-BS)			
		Indoor uni	t:	ERPT20X-**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	iter:			yes			
Heat pump combination heater:				yes			
Parameters for				low-temperature application.			
Parameters for				average climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating	ηs	197	%
Declared capacity for heating for pa	l art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C			
Tj = - 7 °C	Pdh	5.8	kW	Tj = - 7 °C	COPd	3.39	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	4.1	kW	Tj = + 2 °C	COPd	4.82	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	3.3	kW	Tj = + 7 °C	COPd	6.35	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	3.1	kW	Tj = +12 °C	COPd	8.86	_
Degradation co-efficient (**)	Cdh	0.95	_				
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	3.40	_
Tj = operation limit temperature	Pdh	4.9	kW	Tj = operation limit temperature	COPd	1.76	-
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
Bivaioni tomporataro	1211	•		Heating water operating limit			
				temperature	WTOL	60	°C
Power consumption in modes other		ı	134/	Supplementary heater	D		1.30/
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.8	kW
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{CK}	0.000	kW				
Other items				H			3
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}	2475	kWh				
For heat pump combination heater:				П			
Declared load profile		L		Water heating energy efficiency	ηwh	145	%
Daily electricity consumption	Qelec	3.400	kW/h				
Annual electricity consumption	AEC	749	kW/h				
Contact details			-				

^(*) 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-WM60VAA(-BS)			
		Indoor uni	it:	ERPT20X-**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	iter:			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	5.0	kW	Seasonal space heating	ηѕ	130	%
Declared capacity for heating for pa	l art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C		0,	
Tj = - 7 °C	Pdh	3.5	kW	Tj = - 7 °C	COPd	3.02	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	3.6	kW	Tj = + 2 °C	COPd	3.83	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	3.5	kW	Tj = + 7 °C	COPd	4.73	-
Degradation co-efficient (**)	Cdh	0.98	_				
Tj = +12 °C	Pdh	3.6	kW		COPd	7.06	-
Degradation co-efficient (**)	Cdh	0.97	_				
Tj = bivalent temperature	Pdh	4.7	kW	Tj = bivalent temperature	COPd	2.13	_
Tj = operation limit temperature	Pdh	4.7	kW	Tj = operation limit temperature	COPd	1.67	_
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	_
Bivalent temperature	Tbiv	-15	°C	Operation limit temperature	TOL	-20	°C
bivalent temperature	TUIV	-15		Heating water operating limit			-
				temperature	WTOL	60	°C
Power consumption in modes other	than acti	ı	1	Supplementary heater		1	
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	5.0	kW
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{CK}	0.000	kW				
Other items	1					1	
Capacity control		variable	_	Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L_{WA}	40/58	dBA				
Annual energy consumption	Q_{HE}	3671	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	116	%
Daily electricity consumption	Qelec	4.200	kW/h				
Annual electricity consumption	AEC	927	kW/h				
Contact details							

^(*) 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-WM60VAA(-BS)			
		Indoor uni	it:	ERPT20X-**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	iter:			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	4.4	kW	Seasonal space heating	ηѕ	173	%
Declared capacity for heating for pa	I art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj
Tj = - 7 °C	Pdh	4.0	kW	Tj = - 7 °C	COPd	4.30	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 2 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	5.85	-
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	4.2	kW	Tj = bivalent temperature	COPd	2.31	-
Tj = operation limit temperature	Pdh	4.2	kW	Tj = operation limit temperature	COPd	2.31	_
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit	WTOL	60	°C
Dower consumption in modes other	than acti	vo modo		temperature Supplementary heater	WIOL	00	
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	4.4	kW
	P _{OFF}			Kaled Heat Output ()	FSup	4.4	KVV
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	Рск	0.000	kW				
Other items Capacity control		variable		Rated air flow rate, outdoors		2660	m³/h
,		40/58	-IDA	Rated all flow fate, outdoors	-	2000	111 /11
Sound power level, indoors/outdoors	L _{WA}		dBA				
Annual energy consumption	Q _{HE}	2492	kWh				
For heat pump combination heater:				<u> </u>		.,.	
Declared load profile		L		Water heating energy efficiency	ηwh	116	%
Daily electricity consumption	Qelec	4.200	kW/h				
Annual electricity consumption	AEC	927	kW/h				
Contact details							

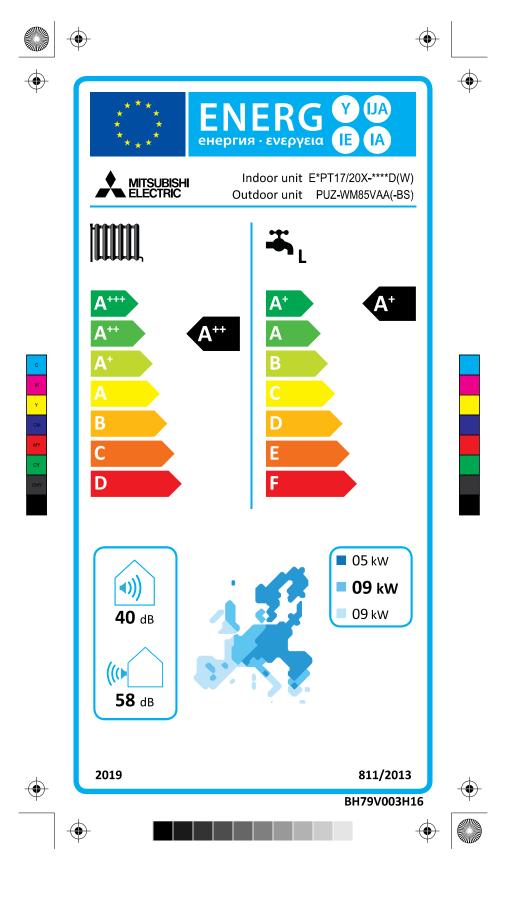
^(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

Model(s):		Outdoor u	nit:	PUZ-WM60VAA(-BS)			
		Indoor uni	t:	ERPT20X-**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	iter:			yes			
Heat pump combination heater:				yes			
Parameters for				medium-temperature application.			
Parameters for				warmer climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating	ηѕ	158	%
Declared capacity for heating for pa	l art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C			
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	6.0	kW	Tj = + 2 °C	COPd	1.85	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	3.22	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.4	kW		COPd	5.76	-
Degradation co-efficient (**)	Cdh	0.97	_				
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	1.85	_
Tj = operation limit temperature	Pdh	4.9	kW	Tj = operation limit temperature	COPd	1.67	_
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd		_
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C
Divaient temperature	TOIV			Heating water operating limit			-
				temperature	WTOL	60	°C
Power consumption in modes other		1	134/	Supplementary heater	D		1.34/
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{CK}	0.000	kW				
Other items				<u> </u>			3
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}	1991	kWh				
For heat pump combination heater:				П		1	
Declared load profile		L		Water heating energy efficiency	ηwh	161	%
Daily electricity consumption	Qelec	3.100	kW/h				
Annual electricity consumption	AEC	679	kW/h				
Contact details							

^(*) 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-WM60VAA(-BS)			
		Indoor uni	it:	ERPT20X-**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	iter:			yes			
Heat pump combination heater:				yes			
Parameters for				low-temperature application.			
Parameters for				warmer climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηѕ	226	%
Declared capacity for heating for pa	I art load a	t indoor		Declared coefficient of performance of	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	iture Tj
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	6.0	kW	Tj = + 2 °C	COPd	3.64	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	4.76	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	7.50	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	3.64	_
Tj = operation limit temperature	Pdh	4.9	kW	Tj = operation limit temperature	COPd	1.67	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C
•				Heating water operating limit	WTOL	60	°C
Power consumption in modes other	than acti	ivo modo		temperature Supplementary heater	WIGE	00	
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{TO}	0.015	kW	Nated Heat Sutput ()	ТЗир	0.0	KVV
				Type of energy input			
Standby mode Crankcase heater mode	P _{SB}	0.015	kW kW	Type of energy input		Electrical	
Other items	P _{CK}	0.000	KVV				
Capacity control		variable		Rated air flow rate, outdoors		2660	m³/h
Sound power level, indoors/outdoors	1	40/58	dBA	Trated all now rate, outdoors		2000	111 711
Annual energy consumption	L _{WA}		kWh				
For heat pump combination heater:	Q _{HE}	1397	KVVII				
		1		Water besting anary: -ff:-i-	-ا د د	101	0/
Declared load profile		L		Water heating energy efficiency	ηwh	161	%
Daily electricity consumption	Qelec	3.100	kW/h				
Annual electricity consumption	AEC	679	kW/h				
Contact details							

^(*) 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.



		PUZ-WM112YAA(-BS)					PUZ-WM112VAA(-BS)							PUZ-WM85YAA(-BS)							PUZ-WM85VAA(-BS)						PUZ-WM60VAA(-BS)					PUZ-WM50VHA(-BS)				Outdoor unit		
EHPX-***D	ERPT30X-***D	EHPT30X-***D	ERPT20X-***D	EHPT20X-***D	EHPX-****D	EKP130X-****D	Į š	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FRPT20X-***D	EHPT20X-****D	EHPX-***D	ERPT30X-****D	EHPT30X-****D	ERPT20X-***D	EHPT20X-***D	ERPT17X.****D	EHPT17X-***D	EHPX-***D	ERPT30X-***D	EHPT30X-***D	ERPT20X-****D	EHPT20X-****D	ERPT17X-***D	EHPT17X-***D	EHPX,****D	ERPT20X-***D	EHPT20X-****D	ERPT17X-***D	EHPT17X.****D	EHPX.****D	ERPT20X-***D	EHPT20X-***D	ERPT17X-***D	EHPT17X-***D		Indoor unit	2	
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A	A ‡	A++	A	Ì	Ì	Ì	1	1	‡	A++	A++	A++	P	À:	Ì	Ž.	?	?	?	A	A	A	A ‡	ļ	‡	A ‡	‡	‡	‡	Ž.	‡	‡	A++	‡	Seas efficie	onal space heating energy ency class	cn	
	Þ	Þ	ş	?		Þ	>	. ;	4	Α+	•	Þ	>	¥	ş	ş	ş		Þ	Þ	ļ	ļ	2	ş	ŀ	¥	2	\$	₽		¥	P	Α+	ş	Wate	r heating energy efficiency	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	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	.e.	8.5	6.0	6.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0	5.0	\vdash	Rated heat output under verage climate conditions	7	
5905	5905	5905	5905	5905	5905	5905	5905		5905	5905	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	3318	3318	3318	3318	3318	3014	3014	3014	3014	3014	≩ e	or space heating, annual nergy consumption under verage climate conditions	8	
	1443	1443	736	736	ŀ	1443	4.5	1	736	736		1451	1451	749	749	899	899	ŀ	1451	1451	749	749	899	899	ŀ	749	749	899	899	ŀ	803	83	902	902	≸ ei a	or water heating, annual lectricity consumption under verage climate conditions	9	
133	136	133	136	133	134	136	Ę.		136	134	138	141	138	41	138	141	138	139	41	139	141	139	41	139	142	145	142	145	142	129	133	129	133	129	CI	easonal space heating energy fficiency under average limate conditions	ō	
	120	120	148	148	ŀ	120	120		148	148	•	120	120	145	145	120	120	ŀ	120	120	145	145	120	120	ŀ	145	145	120	120	ŀ	135	135	120	120	or Se un	Vater heating energy efficiency inder average climate onditions	≟	
40	40	40	8	8	8	40	8	;	8	40	40	40	40	8	8	40	40	40	8	40	46	40	40	40	46	40	8	8	46	46	40	40	40	40	ab s	Sound power level L _{WA} indoor	12	For me
		ŀ		ŀ	ŀ	ŀ	ŀ							ŀ	ŀ		ŀ	ŀ	ŀ		ŀ	ŀ		ŀ	ŀ			ŀ	ŀ	Ŀ	ŀ	ŀ		Ŀ	Work	only during off-peak hours	13	medium-ter
9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2		9.2	9.2	6.1	6.1	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	KW R	Rated heat output under colder limate conditions	14	temperature
10.0	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	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	K∛ R	Rated heat output under varmer climate conditions	15	re appi
6990	6990	6990	6990	6990	6990	0669	6990	3	6990	6990	4376	4376	4376	4376	4376	4376	4376	4376	4376	4376	4376	4376	4376	4376	3671	3671	3671	3671	3671	2760	2760	2760	2760	2760	KWh G	or space heating, annual nergy consumption under older climate conditions	16	application.
3401	3401	3401	3401	3401	3401	3401	3401	2	3401	3401	2799	2799	2799	2799	2799	2799	2799	2799	2799	2799	2799	2799	2799	2799	1991	1991	1991	1991	1991	1616	1616	1616	1616	1616	1 < 10	or space heating, annual nergy consumption under varmer climate conditions	17	
	1808	1808	917	917		1808	8081	1	917	917		1808	1808	927	927	1073	1073		1808	1808	927	927	1073	1073		927	927	1073	1073		934	934	1065	1065	KWh F	or water heating, annual nergy consumption under older climate conditions	18	
	1294	1294	674	674		1294	1294		674	674		1294	1294	679	679	803	803		1294	1294	679	679	803	803		679	679	803	803		709	709	805	805	KWh F e w	or water heating, annual nergy consumption under varmer climate conditions	19	
121	124	121	124	121	122	124	122	;	124	122	128	132	128	132	128	132	128	129	132	129	132	129	132	129	127	130	127	130	127	107	∄	107	111	107	≫ er	seasonal space heating energy fficiency under colder climate onditions	20	
150	154	150	154	150	152	20	152	;	ż	152	155	159	155	159	155	159	155	156	159	156	159	156	159	156	154	158	1	158	154	157	162	157	162	157	≫ ei	Seasonal space heating energy efficiency under warmer climate conditions	21	
	96	96	118	118	ŀ	98	· #	;	1 1 2	118		96	96	116	116	101	101		98	96	116	116	<u>=</u>	101	ŀ	116	116	101	10.		116	116	101	101	o Vu	Vater heating energy efficiency nder colder climate conditions	22	1
	135	135	161	161		135	135		161	161		135	135	161	161	135	135		135	135	161	161	135	135		161	161	135	135		154	154	135	135	IXIu	Vater heating energy efficiency nder warmer climate onditions	23	
60	60	60	60	60	8	g	8	3 8	e e	60	58	58	58	55	58	58	58	58	55	58	58	58	58	58	58	58	58	58	58	62	62	62	61	61	a s	Sound power level L _{WA}	24	
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A+++	A++	A+++	A+++	A+++	A+++	A***	Ą	+	A	A+++	A+++	A+++	A++	A+++	A + +	A***	A***	A++	A+++	A++	A++	A++	A ‡	A * + +	A+++	A+++	A+++	A++	A+++	A+++	A+++	A + +	A+++	A++	Seas	onal space heating gy efficiency class	55	
	>	A	4	>	į.	>	t	$^{+}$	†	A+		>	>	·	· •	Ą			>	>	P	Ą		Ą	t	Ą	· 2	ļ.		i.	<u>.</u>	<u>.</u>	A+	Ą		r heating energy efficiency	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	8.5	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	⊼ R	Rated heat output under everage climate conditions	7	
4145	4145	4145	4145	+	╀	+	+	+	+	4145	3473	3473	3473	3473	3473	3473	3473	3473	3473	3473	3473	3473	3473	3473	2475	2475	2475	2475	2475	2113	2113	2113	2113	2113	K F	or space heating, annual	8	
	1443	1443	736	t.		1443	1.	$^{+}$	$^{+}$	736	•	1451	1451	749	749	899	899		1451	1451	749	749	t	899	t	749	749	899	899		803	803	902	902	_ E	verage climate conditions or water heating, annual ectricity consumption under verage climate conditions	9	
189	195	189	195	+	191	t	+.	+	+	191	190	197	190	197	190	197	190	193	197	193	╁	193	╁	193	H	197	+	197	H	183	190	183	190	183	s S ⊗ ei	Seasonal space heating energy	10	
	120	120	148	+	<u> </u>	120	+.	+	+	148		120	120	145	145	120	120		120	120	145	145	+	120	╁	145	145	120	120	i.	135	135	120	120	l v	limate conditions Vater heating energy efficiency inder average climate onditions	=	
40	40	40	8	40	8	H	+	+	+	40	40	40	4	8	8	40	46	40	8	40	46	40	+	46	H	40	8	40	48	4	4	8	40	40		onditions Sound power level L _{WA} indoor	12	Į.
				ļ.	١.	t.	١.	t	+												١.	ļ.	l.	ļ.	ļ.	١.			-	١.					Work	only during off-peak hours	13	יו
9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	2 5	9.9	9.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.4	4.4	4.4	4.4	4.4	4.2	4.2	4.2	4.2	4.2	⊼ R	Rated heat output under colder limate conditions	14	low-temperat
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	8.5	8.5	8.5	+	8.5	╁	6.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0	5.0	z R	Rated heat output under	15	rature appl
.0 5528	.0 5528	.0 5528	.0 5528	.0 5528	.0 5528	+	+	+	+	_	5 2733	5 2733	\vdash	┝	5 2733	5 2733	5 2733	5 2733	5 2733	5 2733	+	\vdash	+	\vdash	+	0 2492	0 2492	0 2492	0 2492	0 2713	0 2713	0 2713	0 2713	0 2713	- F	or space heating, annual	_	olication
-	Н	H	\vdash	+	╁	+	+	+	+	-	_	H.	2733 19	2733 19	-		١.	١.	+	H	2733 19	2733 19	2733 19	2733 19	١.	_	+	H	H	+	Η.	Н	-	13 1111	⊼ F	nergy consumption under older climate conditions	6	ľ
2394	2394 18	2394 18	2394 9	2394 9	2394	t.	+	+	+	2394 9-	1916 .	1916 18	1916 18	1916 92	1916 93	1916 10	1916 10	1916	1916 18	1916 18	t	1916 9:	+	1916 10	+	397 93	397 93	1397 10	1397 10	111	1111 93	1111 90	1111 10		N w	nergy consumption under varmer climate conditions	17 1	
	808 12	1808 12	917 6	+	ļ.	12	+	Η.	+	917 6	_	1808 12	1808 12	927 6	927 6	1073 8	1073 8	ļ.	1808	1808 12	927 6	927 6	+	1073 8	t	927 6	927 6	1073 8	1073 8	ŀ.	934 7	934 7	1065 8	1065 8	₋	nergy consumption under older climate conditions or water heating, annual energy consumption under	18	
	294 1	294 1	674 1	+	ľ	294	Η.	+	+	674 1	- 1	294 1	294 1	679 1	679 1	803 1	803		294 1	294 1	679 1	679 1	+	803	-	679 1	679 1	803	803 1	ļ.	709 1	709 1	805 1	805 1	s	varmer climate conditions seasonal space heating energy	19	
165	169	165	169	+	╁	+	+	+	+	166	166 2	175	166	175	166	175	166	169	175	169	H	H	╁	169	╁	173	\vdash	173	H	4	146	141	146	141	or er	fficiency under colder climate onditions	20	1
213	220	213	220	H	215	t	+	$^{+}$	+	215	224	234	224	234	224	234	224	227	234	227	234	227	+	227	218	226	218	226	218	226	237	226	237	226	C	seasonal space heating energy efficiency under warmer climate onditions	21	
•	96	96	118	118	ŀ	98	96	3 3	118	118	-	96	96	116	116	101	101	ŀ	96	96	116	116	101	101	ļ.	116	116	2	2	Ŀ	116	116	101	101	° u	Vater heating energy efficiency inder colder climate conditions	22	
•	135	135	161	161	ŀ	135	135	1	2	161		135	135	161	161	135	135	ŀ	135	135	161	161	135	135	ļ.	161	161	135	135	Ŀ	154	154	135	135	CI	Vater heating energy efficiency inder warmer climate onditions	23	
60	60	60	60	60	60	ē	8	3 8	8	60	58	58	58	58	58	58	58	25	58	58	58	8	58	58	58	58	8	58	58	ವ	61	62	61	61	SB S	Sound power level L _{WA} utdoor	24	

24 het g äänit	Sour	23 de ei	Wate	22 de ei	Viate	Klima	of de se	Seas	tilalā	20 de se klima	Sea	veds	19 voor	For	vedt	18 woor	For	Siell.	17 your	For t	tilalä	16 your	Fors	15 de ni	Rate	14 de n	toim	13 werk	ääni. Work	12 het g	vede	Wate	tilalā	10 de se klima	Seas	wede	9 woor	For	tials	8 woor	For:	nime	7 Rate	6 de ei	Wate	5 de se	Seas	4 laget	kesk	3 midd	Siså	2 binne	Ullko	Oute	Suon Ned
peluldsvermogensniveau L _{IVA} bullen L Iehotaso L _{IVA} ulikona h	nd power level L _{AM} outdoor	nergie-efficiëntie voor waterverwarming onder warmere kilmaatomstandigheden Eniammityksen energialehokkuus kylmissä ilmaato-olosuhteissa	or heating energy efficiency under warmer climate conditions	nergie-efficiëntie voor waterverwarming onder koudere klimaatomstandigheden Enfanthikksen anergiatehokkuus kylmissä ilmasto-olosuhteissa e	lämmityksen kausittainen energiateinokkuus lämpimissä ilmasto-otosuhteissa tar hesting energy efficiengy under codder climate conditions		mere		inen energiatehokkuus kylmissä ilmasto-olosuhteissa	sizoensgebonden energie-efficiëntie voor ruimteverwarming onder koudere	conal space heating energy efficiency under colder climate conditions d	vedenlämmityksestä vuotuinen sähkönkulutus lämpimissä ilmasto-olosuhteissa p	waterverwarming, het jaarlijkse elektriciteitsverbruik onder warmere klimaatomstandigheden	1		aatomstandigheden	ľ	illalämmityksestä vuotuinen energiankulutus lämpimissä ilmasto-olosuhteissa p	mstandigheden	space heating, annual energy consumption under warmer climate conditions	mmityksestä vuotuinen energiankulutus kylmissä ilmasto-olosuhteissa	standigheden	For space heating, annual energy consumption under colder climate conditions	ominale warmteafgifte, onder warmere klimaatomstandigheden Nillisiärnoöteho. Iämpinnissa ilmasto-olosuhteissa	d heat output under warmer climate conditions	ominale warmteafgiffe, onder koudere klimaatomstandigheden N	imaan alinoastaan kulutushulppujen ulkopuolelila pi d heat output under colder climate conditions d	en uitsluitend in de daluren d	lehotaso L _{WA} sisällä h only during off-peak hours	nd power level L _{I/M} indoor d seluidsvermogensniveau L _{I/M} binnen L	nergie-emcietike voor waterverwarming(onder germodelde kiimatiomskandigheden) enfamnityksen energiatehokkuus(keskimääräisissä iimasto-olosuhteissa) e	r heating energy efficiency under average climate conditions	mmityksen kausittainen energiatehokkuus(keskimääräisissä ilmasto-olosuhteissa)	sizoensgebonden energie-efficiëntie voor ruimteverwarming(onder gemiddelde sistomstandigheden)	Seasonal space heating energy efficiency under average climate conditions	nlämnityksestä vuotuinen sähkönkulutus(keskimääräisissä ilmasto-olosuhtekssa)	watervervarming, het jaarlijkse elektriciteitsverbruik(onder gemiddelde klimaatomstandigheden). F	For water heating, annual electricity consumption under average climate conditions	mmityksestä vuotuinen energiankulutus(keskimääräisissä ilmasto-olosuhteissa)	voor ruimtevenvarming, het jaarlijkse energieverbruik(onder gemiddelde klimaalomstandigheden)	For space healing, annual energy consumption under average climate conditions	Illislämpöteho(keskimääräisissä ilmasto-olosuhteissa)	d heat output under average climate conditions d display average climate conditions d display average climate conditions	nergie-efficiëntieklasse voor waterverwarning anlämmityksen energiatehokkuusluokka	ir heating energy efficiency class	voor ruimteverwarming	gy officiency class c	emperatuur-toepassing	Ilämpöbilan sovellus s Jemnesture andication	ium-temperature application A fentemperature-toepassing n	yksikkö	or unit la	yksikkö V	loor unit	oriands s
Ljudelfektinivan L _{VM} , i utomhus hladina akustického výkonu L _{VM} , ve venkovním prostoru	er Schalleistungspegel L _{IVA} im Freien	Energieffektivitet vid vattenuppvämmning under varmare klimatiörhällanden energatioka üzinnost olivevu vodv za teoleisich klimatiokvoh podminek	le Warmwasserbereitungs-Energieeffizienz bei wärmeren Klimaverhältnissen	inergieffektivitet vid vatteriuppvärmning under kallare klimatförhållanden nergetická účinnost ohlfevu vody za chladnějších klimatických podmínek	sezonni energeticka udinnost vytapėni za teplejšich klimatických podminek lie Warmwasserbereitungs-Energioefizienz bei kälteren Klimaverhältnissen	овол қолтология туру вол толтору контисту баттара дейтерін таналысты.	äsonosmadaluadninosonad för numsunnvärmninn undor varmara klimatörhällanden	lie iahreszeitbedinote Raumhetzungs-Energieeffizienz bei wärmeren Klimaverhältnissen	sezonní energetická účinnost vytápění za chladnějších klimatických podmínek	Säsongsmedelverkningsgrad för rumsuppvärmning under kallare klimatförhållanden	lie jahreszeitbedingte Raumheizungs-Energieeffizienz bei kälteren Klimaverhältnissen	pro chřev vody – roční spotřeba elektrické energie za teplejších klimatických podmínek	För vattenuppvärmning, årlig elförbrukning under varmare klimatförhållanden	dimaverhältnissen	pro ohřev vody – roční spotřeba elektrické energie za chladnějsích klimatických podminek Tře die Warrnwasserberejtuna, der lährliche Stromverbrauch bel vrármeren	För valtenuppvärmning, ärlig elförbrukning under kallare klimatförhållanden	ür die Warmwasserbereitung, der jährliche Stromverbrauch bei kälteren Klimaverhältnissen	pro vytlapění – roční spotřeba energie za teplejších klimatických podmínek	ör rumsuppvärmning, árlig energiförbrukning under varmare klimatförhállanden	für die Raumheizung, der jährliche Energieverbrauch bei wärmeren Klimaverhältnissen	pro vytápění – rožní spotřeba energie za teplejších klimatických podmínek	ör rumsuppvärmning, ärlig energiförbrukning under kallare klimatförhållanden	ür die Raumheizung, der jährliche Energieverbrauch bei kälteren Klimaverhältnissen	Nomínell avgíven värmeeffekt vid varmare klimatförhállanden menovilý teoelný výkon za teolejších klimatických oddmínek	He Wärmenennleistung bei wärmeren Klimaverhältnissen	Nomintell avgiven värmeeffekt vid kallare klimatförhållanden	yrovozu pouze mlmo špičku ie Wärmenennleistung bei kätteren Klimaverhältnissen	drivas vieslutande under perioder med låg belastning	nladina akustického výkonu L _{vm} ve vnitřním prostoru Jass ein ausechließlicher Betrieb des Kombilheizográtes zu Schwachlastzeiten	ter Schallfeistungspegel L _{I/M} , in Gebäuden judeffektnivà L _{I/M} , i inomhus	e nergietrektivnet via vatterruppvarmning(via genomsnittilga klimatromalianben) energietická účinnost ohfevu vody za průměrných klimatických podmínek	ile Warmwasserbereitungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen	sezonní energetické účinnost vytápění za průměrných klimatických podmínek	Säsongsmedelverkningsgrad för rumsuppvärmning(vid genomsnittliga klimatförhållanden)	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen	oro ohřev vody – roční spočřeba elektrické energie za průměrných klimatických podmínek	För vattenuppvärmning, årlig elförbrukning(vid genomsnittliga klimatförhållanden)	für die Warmwasserbereitung, den jährflichen Stromwerbrauch bei durchschnittlichen Klimaverhältnissen	oro vytápění – roční spotřeba energie za průměrných klimatických podmínek	För rumsuppvärmning, ärlig energiförbrukning(vid genomsnittliga klimatförhållanden)	für die Raumheizung, den jährlichen Energieverbrauch bei durchschnittlichen (limaverhältnissen	Inenovilý tepelný výkoníza průměrných klimatických podmínek)	lie Wärmenennleistung bei durchschnittlichen Klimaverhältnissen en nominella avglyna värmeeffektenlunder gegomentitiga klimatförhållanden)	anergieffektivitetsklass vid vattenuppvärmning Ifida energetické účinnosti ohlfevu vody	He Klasse für die Warmwasserbereitungs-Energleeffizienz	säsongsrelaterade energieffektivitetsklass vid rumsuppvärmning	nizkateplotni aplikace die Klasse für die jahreszeitbedingte Raumheizungs-Energieoffizienz	áglemperaturapplikation	vibedněteplotní aplikace Vadademoraturanworturo	Mitteltemperaturanwendung mediumtemperaturapplikation	Vnitřní jednotka	nnengerät oonbusenhet	Venkovní jednotka	Judengerät	Swonska Častina
уудейейлі меан L _{IVI} і ude нивото на звуковата мошност L _{IVI} на открито	le niveau de puissance acoustique L _{VM} à l'extérieur	energieffektiviteten wed vandopvarmning under varmere klimaforhold energieffektiviteten ved vandopvarmning under varmere klimaforhold	l'efficacité énergétique pour le chauffage de l'eau, dans les conditions climatiques plus chaudes		свзонната внергийна ефективност при отопление при по-топли климатични условия Гебрасф énergétous sour le chaufface de l'eau dans les conditions climatiques plus foides	аголимандовремента вентина вентинувания под	chaudes chaudes drewikininggrades and rimpowamping under varmers kilmatochold	l'efficactié énergétique saisonnière pour le chauffage des locaux, dans les conditions climatiques p	сезонната енергийна ефективност при отопление при по-студени климатични условия	årsvirkningsgraden ved rumopvarmning under koldere klimaforhold	i emicione energenque sasconniere pour le chaunage des locatux, dans les condinons climanques produes energenque sasconniere pour le chaunage des locatux, dans les condinons climanques produes energenques energenques en	COL	for vandopvarmning det ärlige elforbrug under varmere klimaforhold	plus chaudes	климатични условия our le chaufface de l'eau. le consommation annuelle d'électricité, dans les conditions climatiques	for vandopvermning det årlige elforbrug under koldere klimaforhold за подгояване на вода, годишного потребление на електроенергия при по-студени	plus froides	е, годишното потребление на енерг	for rumopvarmning det årlige energiforbrug under varmere klimaforhold	pour le chauffage des locaux, la consommation annuelle d'énergie, dans les conditions climatiques plus chaudes	за отопление, годишното потребление на енергия при по-студени климатични условия	for rumpyvarmning det ärlige energiforbrug under koldere klimaforhold	pour le chauffage des locaux, la consommation annuelle d'énergie, dans les conditions climatiques	den nominelle nytteelfiekt under varmere klimaforhold HOMBINER TORDINHHA MOULHOET DON 10-TORDIN KUMMSTWUHN VCDOBME	la puissance thermique nominale, dans les conditions climatiques plus chaudes	den nominelle nytteeffekt under koldere klimaforhold	работи само в часовете извън върховото натоварване la puissance thermique nominale, dans les conditions climatiques plus froides	fungere uden for spädsbelastningssperioder	нивото на звуковата мощност L _{WA} на закрито lonctionner ou en heures creuses	le niveau de puissance acoustique L _{VM} , à l'intérieur lydeifektniveauet L _{VM} , i inde	енедентехичетел чео капкорматтипіз(цпает деплетвялице киталоттука) енергийната ефективност при подгряване на вода(при средни климатични условия)	l'efficacité énergétique pour le chauffage de l'eau(dans les conditions climatiques moyennes)	овзонната внерлийна ефективност при отопление(при средни климатични условия)	årsvirkningsgraden ved rumopvarmning(under gennemsnitlige klimaforhold)	l'efficacité énergétique saisonnière pour le chauffage des locaux(dans les conditions dimatiques moyennes)	за подгряване на вода, годишного потребление(при средни климатични условия)	for vandopvarmning det årlige elforbrug(under gennemsnitlige klimaforhold)	pour le chauffage de l'eau, la consommation annuelle d'électricité(dans les conditions climatiques moyennes)	за отопление, годишното потребление на енергия(при средни климатични условия)	for rumopvarmning det ärlige energiforbrug(under gennemsnitlige klimatorhold)	pour le chauffage des locaux, la consommation annuelle d'energie(dans les conditions climatiques moyennes)	номиналната топлинна мощност(при средни климатични условия)	la puissance thermique nominale dans les conditions climatiques moyennes den nominale nutreeffectiunder connementations klimationhold).	klassen for årsvirkningsgrad ved vandopvarmning класът на енергийната ефективност при подгряване на вода	la classe d'efficacité énergétique, pour le chauffage de l'eau	klassen for årsvirkningsgrad ved rumopyarmning	нискотемпературни приложения la classe d'efficacité énergétique saisonnière, pour le chauffage des locaux	lavtemperaturanvendelsen	среднотемпературного приложение	l'application à moyenne température middeltemperaturanvendelsen	Вътрешно тяло	unité intérieure	Bahtilho 1990	unité extérieure	Darrsk Burraposki
O nível de potência sonora L _{IVII} no exterior poziom mocy akustycznej L _{IVII} na zewnątrz	il livello di potenza sonora L _{VIA} all'esterno	a eficiléncia energética do aquecimento de água em condições climáticas mais quentes elektrivnosts energeticana podorzavania wody w warunkach klimatu ciecheoo	l'efficienza energetica di riscaldamento dell'acqua in condizioni climatiche più calde	a eficiência energética do aquecimento de água em condições climáticas mais frias efektywność energetyczna podgrzewania wody w warunkach klimatu chłodnego	Cleplego Felficienza energetica di riscaldamento dell'accua in condizioni dimatiche più fredde	Sezonowa efektywność enerostyczna odrzewania pomieszczeń w warunkach klimatu	A oficióncia enemática do asuecimento ambiente sazonal em condiciões cilimáticas mais cuentes	plus reflicienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più calde	sezonowa efektywność energetyczna ogrzewania pomieszczeń w warunkach Klimatu	A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais frias	plus l'efficienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più fredde	w oraliesienu du posgrzewania woży, roczne zużycze etietgii elektrycznej w warunkach kinnau olepiego	QUENTOS	ua. o consumo anual de eletricidade em condições clim	chlodnego childrego childrego	para o aquecimento de água, o consumo anual de eletricidade em condições climáticas mais finas w odniestentu do podorzavvania wody, roczne zużycie energii elektrycznej w warunkach klimatu.	calde	Cleptego	Para o aquecimento ambiente, o consumo anual de energia em condições climáticas mais quentes w octobasimi, do consevuada comissarando rozana subvisa energia w warunkach klimati.	es per il riscaldamento d'ambiente, il consumo annuo di energia, in condizioni climatiche più calde	w odniesieniu do ogrzewenia pomieszczeń, roczne zużycie energii w warunkach klimatu chłodnego	Para o aquecimento ambiente, o consumo anual de energia em condições climáticas mais frias	es per il riscaldamento d'ambiente, il consumo annuo di energia, in condizioni climatiche più fredde	A poténcia calorifica nominal em condições climáticas mais quentes znamionowa mos céctina w warunkach klimátic debieco	la potenza termica nominale, in condizioni climatiche più calde	A potência calorifica nominal em condições climáticas mais frias	pracować jedynie w godzinach poza szczytowym obciążeniem la potenza termica nominale, in condizioni climatiche più fredde	de funcionar unicamente fora das horas de pico	poziom mocy akustycznej L _{WA} w pomieszczeniu funzione soltanto durante le ore morte	Il livello di potenza sonora L _{viv} , all'interno O nivel de potència sonora L _{viv} , no interior	a enciencia energenca do aquecimento de agua(em contrições cimancias metuais) efektywność energetyczna podgrzewania wody(w warunkach klimatu umiarkowanego)	l'efficienza energetica di riscaldamento dell'acqua(in condizioni climatiche medie)	sezonowa efektywność energetyczna ogrzewania pomieszczeń(w warunkach klimatu umiarkowanego)	A eficiência energética do aquecimento ambiente sazonal(em condições climáticas médias)	l'efficienza energetica stagionale di riscaldamento d'ambiente (in condizioni climatiche medie)	w odniesieniu do podgrzevania wody, roczne zużycie energii elektrycznej(w warunkach klimatu umiarkowanego)	para o aquecimento de água, o consumo anual de eletricidade(em condições climáticas médias)	per il riscaldamento dell'acqua, il consumo annuo di energia(in condizioni climatiche medie)	w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii(w warunkach klimatu umiarkowanego)	Para o aquecimento ambiente, o consumo anual de energia(em condições climáticas médias)	per il riscaldamento d'ambiente, il consumo annuo di energia(in condizioni climatiche medie)	znamionowa moc depina(w warunkach kilmatu umlarkowanago)	la potenza termica nominale(in condizioni climatiche medie) A potencia calorifica nominaliem condiziose climatiche medias)	A classe de eficiência energética do aquecimento de água klasa efektywności energetycznej podgrzewania wody	la classe di afficienza energetica del riscaldamento dell'acqua	mento ambiente sazo	zastosowania w niskich temperaturach ta classe di efficienza energetica stagionale del riscaldamento d'ambiente	a splicação a balva temperatura	zastosowania w średnich temperaturach	le applicazioni a media temperatura a aplicação a média temperatura	jednostka wewnętrzna	unità interna unidade interior	Jednosika zewnętrzna	unità esterna	Potkylvås Polski
η ανάθμη ηχητικής σκχύος Ε _{ναν} εξωτερικού χώρου	el nivel de patencia acústica L _{IVA} en exteriores	η ενεργειακή απόδοση της θέρμανσης νερού υπό θερμάτερες κλιματικές συνθήκες	ncia energética de caldeo	η ενεργεσική απόδοση της θέρμανσης νερού υπό ψυχρότερες κλιματικές συνθήκες	la eficiencia energética de caldeo de agua en conficieros climáticas más frias	συνθήκες	η ενεργεακή απόδοση της εποχιακής θέρμανσης χώρου υπό θερμότερες κλιματικές	la eficiencia energetica estacional de calefacción en condiciones climáticas más cálidas		η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου υπό ψυχρότερες κλιματικές συνθήκες	la eficiencia energetica estacional de calefacción en condiciones climáticas más frias		anybits?	_	_	anyblikes .		-	ss για θέρμανση χώρου, η επήσια κατανάλωση ενέργειας υπό θερμότερες κλιματικές συνθήκες	para calentar espacios, el consumo anual de energía en condiciones climáticas más cálidas		για θέρμανση χώρου, η επήσια κατανώλωση ενέργειας υπό ψυχρότερες κλιματικές συνθήκες	para calentar espacios, el consumo anual de energía en condiciones climáticas más frías	η ονομαστική θερμική ισχύς υπό θερμότερες κλιματικές συνθήκες	la potencia catorifica nominal en condiciones climáticas más cálidas	η ονομαστική θερμική ισχύς υπό ψυχρότερες κλιματικές συνθήκες	la potencia calorifica nominal en condiciones climáticas más frias	λετουργία μόνο εκτός των ωρών σιχμής	funcionar solamente durante las horas de baia demanda	el nivel de potencia acústica L _{VM} en interiores η στάθμη ηχητικής ισχύος L _{VM} εσωτερικού χώρου	d systemal annoced echanolis echanions incress syliamics anientics)	la eficiencia energética del caldeo de agua(en condiciones climáticas medias)		η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου(υπό μέσες κλιματικές συνθήκες)	la eficiencia energética estacional de calefacción(en condiciones climáticas medias)		για την θέρμανση νερού, η επίρια κατανάλωση ηλεκτρικής ενέργειας(υπό μέσες κλιματικές αυνθήκες)	para calentar agua, el consumo anual de electricidad(en condiciones climáticas medias)		για τη θέρμανση χώρου, η επίσια κατανάλωση ενέργειας(υπό μέσες κλιματικές συνθήκες)	para calentar espacios, el consumo anual de energia(en condiciones climáticas medias)	Conjunction Control of State Control of Control	la potencia calorifica nominal(en condiciones climáticas medias) n ovoucernich exoucirumó utere extuenice ouvernece)	η τάξη ενεργειακής απόδοσης θέρμανσης νερού	la clase de eficiencia energética del caldeo de agua	η τάξη ενεργειακής απόδοσης της εποχιακής θέρμανσης χώρου	la clase de eficiencia energática estacional de calefacción	η εφαργογή σε (χαμηλή θερμοκρασία	la anticación de baja temporatura	la aplicación de media temperatura η εφαρμογή σε μέση θερμοκρασία		unidad interior	Equisping Juoyanoa	unidad exterior	Ελληνικά

Model(s):		Outdoor u	ınit:	PUZ-WM85VAA(-BS)			
		Indoor uni	it:	EHPT17X-**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				average climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	8.5	kW	Seasonal space heating energy efficiency	ηs	139	%
Declared capacity for heating for pa	I art load a	t indoor		Declared coefficient of performance of	ı ır primary e	I I energy ratio	for
temperature 20 °C and outdoor tem	perature ·	Гј		part load at indoor temperature 20 °C	and outdo	or tempera	iture 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
•				Heating water operating limit	WTOL	60	°C
Power consumption in modes other	than acti	ve mode		temperature Supplementary heater	WIOL	00	
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	1.3	kW
Thermostat-off mode	P _{TO}	0.015	kW	Trated float surpar ()	, oap	1.0	
Standby mode	P _{SB}	0.015	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW	Type or energy input		Electrical	
Other items	' CK	0.000	KVV				
Capacity control		variable		Rated air flow rate, outdoors		2660	m³/h
Sound power level, indoors/outdoors	L _{WA}	40/58	dBA				
Annual energy consumption	Q _{HE}	4837	kWh				
For heat pump combination heater:		.007	174411	<u> </u>			
Declared load profile				Water heating energy efficiency	ηwh	120	%
·				The state of the s	i įvvi i	120	/0
Daily electricity consumption	Qelec	4.100	kW/h				
Annual electricity consumption	AEC	899	kW/h				
Contact details							

^(*) 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-WM85VAA(-BS)			
		Indoor uni	it:	EHPT17X-**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	nter:			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	193	%
Declared capacity for heating for pa	art load a	t indoor		Declared coefficient of performance o	r primary e	nergy ratio	for
temperature 20 °C and outdoor tem	perature ⁻	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	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	ve mode		temperature Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	1.3	kW
Thermostat-off mode	P_{TO}	0.015	kW				
Standby mode	P_SB	0.015	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.000	kW			Electrical	
Other items				! !	1		
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L _{WA}	40/58	dBA				
Annual energy consumption	Q_{HE}	3473	kWh				
For heat pump combination heater:			•				
Declared load profile		L		Water heating energy efficiency	ηwh	120	%
Daily electricity consumption	Qelec	4.100	kW/h				
Annual electricity consumption	AEC	899	kW/h				
Contact details							

^(*) 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-WM85VAA(-BS)			
		Indoor uni	it:	EHPT17X-**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	iter:			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	129	%
Declared capacity for heating for pa	l art load a	t indoor		energy efficiency Declared coefficient of performance of	r primary e	nergy ratio	for
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C		0,	
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		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	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	_
Bivalent temperature	Tbiv	-15	°C	Operation limit temperature	TOL	-20	°C
bivalent temperature	TUIV	-15		Heating water operating limit			-
				temperature	WTOL	60	°C
Power consumption in modes other	than acti	ı	1	Supplementary heater		1	
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	6.1	kW
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	Рск	0.000	kW				
Other items	г			I I		1	
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L_{WA}	40/58	dBA				
Annual energy consumption	Q_{HE}	4376	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	101	%
Daily electricity consumption	Qelec	4.900	kW/h				
Annual electricity consumption	AEC	1073	kW/h				
Contact details							

^(*) 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-WM85VAA(-BS)			
		Indoor uni	it:	EHPT17X-**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	nter:			yes			
Heat pump combination heater:				yes			
Parameters for				low-temperature application.			
Parameters for				colder climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.9	kW	Seasonal space heating energy efficiency	ηs	169	%
Declared capacity for heating for pa	art load a	t indoor		Declared coefficient of performance o	r 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	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	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit	WTOL	60	°C
Power consumption in modes other	than acti	ve mode		temperature Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.9	kW
Thermostat-off mode	P_{TO}	0.015	kW				
Standby mode	P_{SB}	0.015	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.000	kW			Electrical	
Other items				I I			
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L _{WA}	40/58	dBA				
Annual energy consumption	Q_{HE}	2733	kWh				
For heat pump combination heater:		1		<u> </u>			
Declared load profile		L		Water heating energy efficiency	ηwh	101	%
Daily electricity consumption	Qelec	4.900	kW/h				
Annual electricity consumption	AEC	1073	kW/h				
Contact details				•			

^(*) 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-WM85VAA(-BS)						
		Indoor un	it:	EHPT17X-**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	iter:			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	ηs	156	%			
Declared capacity for heating for pa	I art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for			
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C						
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			
Dower consumption in modes other	than acti	ivo modo		temperature Supplementary heater	00					
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	0.0	kW			
Thermostat-off mode	P _{OFF}	0.015		Kaled Heat Output ()	FSup	0.0	KVV			
	P _{TO}		kW	Town of consent						
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode Other items	P _{CK}	0.000	kW							
Capacity control		variable		Rated air flow rate, outdoors		2660	m³/h			
Sound power level, indoors/outdoors		40/58	dBA	Trated all flow rate, outdoors	_	2000	111 /11			
	L _{WA}									
Annual energy consumption	Q _{HE}	2799	kWh							
For heat pump combination heater:		,		Makes beating 55		405	0/			
Declared load profile		L		Water heating energy efficiency	ηwh	135	%			
Daily electricity consumption	Qelec	3.700	kW/h							
Annual electricity consumption	AEC	803	kW/h							
Contact details										

^(*) 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-WM85VAA(-BS)						
		Indoor uni	it:	EHPT17X-**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	iter:			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	227	%			
Declared capacity for heating for pa	I art load a	t indoor		Declared coefficient of performance of	or primary e	nergy ratio	for			
temperature 20 °C and outdoor tem	perature ·	Τј		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	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	WTOL		°C			
Dower consumption in modes other	than acti	vo modo		temperature						
Power consumption in modes other Off mode		0.015	kW	Supplementary heater Rated heat output (*)	Psup	0.0	kW			
	P _{OFF}			Nated Heat Output ()	FSup	0.0	KVV			
Thermostat-off mode	P _{TO}	0.015	kW							
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode Other items	Рск	0.000	kW							
Capacity control		variable		Rated air flow rate, outdoors		2660	m³/h			
			4DA	Nated all flow rate, outdoors	-	2000	111 /11			
Sound power level, indoors/outdoors	L _{WA}	40/58	dBA							
Annual energy consumption	Q _{HE}	1916	kWh							
For heat pump combination heater:				<u> </u>						
Declared load profile		L		Water heating energy efficiency	ηwh	135	%			
Daily electricity consumption	Qelec	3.700	kW/h							
Annual electricity consumption	AEC	803	kW/h							
Contact details										

^(*) 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-WM85VAA(-BS)						
		Indoor uni	it:	EHPT20X-**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	iter:			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	139	%			
Declared capacity for heating for pa	I art load a	t indoor		Declared coefficient of performance of	r primary e	nergy ratio	for			
temperature 20 °C and outdoor tem	perature ·	Τј		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			
				Heating water operating limit	WTOL		°C			
Dower consumption in modes other	than acti	vo modo		temperature						
Power consumption in modes other Off mode		0.015	kW	Supplementary heater Rated heat output (*)	Psup	1.3	kW			
	P _{OFF}			Kaled Heat Output ()	FSup	1.3	KVV			
Thermostat-off mode	P _{TO}	0.015	kW	Towns of second based						
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode Other items	Рск	0.000	kW							
Capacity control		variable		Rated air flow rate, outdoors		2660	m³/h			
,		40/58	-IDA	Rated all flow fate, outdoors	-	2000	111 /11			
Sound power level, indoors/outdoors	L _{WA}		dBA							
Annual energy consumption	Q _{HE}	4837	kWh							
For heat pump combination heater:				<u> </u>						
Declared load profile		L		Water heating energy efficiency	ηwh	145	%			
Daily electricity consumption	Qelec	3.400	kW/h							
Annual electricity consumption	AEC	749	kW/h							
Contact details										

^(*) 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-WM85VAA(-BS)				
		Indoor uni	it:	EHPT20X-**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	nter:			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	193	%	
Declared capacity for heating for pa	art load a	t indoor		Declared coefficient of performance o	r primary e	nergy ratio	for	
temperature 20 °C and outdoor tem	perature ⁻	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	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	ve mode		temperature Supplementary heater				
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	1.3	kW	
Thermostat-off mode	P_{TO}	0.015	kW					
Standby mode	P_SB	0.015	kW	Type of energy input				
Crankcase heater mode	P_{CK}	0.000	kW			Electrical		
Other items				! !	1			
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h	
Sound power level, indoors/outdoors	L _{WA}	40/58	dBA					
Annual energy consumption	Q_{HE}	3473	kWh					
For heat pump combination heater:								
Declared load profile		L		Water heating energy efficiency	ηwh	145	%	
Daily electricity consumption	Qelec	3.400	kW/h					
Annual electricity consumption	AEC	749	kW/h					
Contact details								

^(*) 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-WM85VAA(-BS)						
		Indoor uni	it:	EHPT20X-**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	iter:			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	129	%			
Declared capacity for heating for pa	art load a	t indoor		Declared coefficient of performance of	I or primary e	nergy ratio	for			
temperature 20 °C and outdoor tem	perature ⁻	Τј		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	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	_	_			
Bivalent temperature	Tbiv	-15	°C	Operation limit temperature	TOL	-20	°C			
				Heating water operating limit			°C			
Dower consumption in modes other	than acti	vo modo		temperature WTOL 60						
Power consumption in modes other Off mode		0.015	kW	Supplementary heater Rated heat output (*)	Psup	6.1	kW			
	P _{OFF}			Kaled Heat Output ()	FSup	0.1	K V V			
Thermostat-off mode	P _{TO}	0.015	kW							
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode Other items	P _{CK}	0.000	kW							
Capacity control		variable		Rated air flow rate, outdoors		2660	m³/h			
,		40/58	-IDA	Rated all flow fate, outdoors	-	2000	111 /11			
Sound power level, indoors/outdoors	L _{WA}		dBA							
Annual energy consumption	Q _{HE}	4376	kWh							
For heat pump combination heater:				<u> </u>						
Declared load profile		L		Water heating energy efficiency	ηwh	116	%			
Daily electricity consumption	Qelec	4.200	kW/h							
Annual electricity consumption	AEC	927	kW/h							
Contact details										

^(*) 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-WM85VAA(-BS)				
		Indoor uni	it:	EHPT20X-**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	nter:			yes				
Heat pump combination heater:				yes				
Parameters for				low-temperature application.				
Parameters for				colder climate conditions.				
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Rated heat output (*)	Prated	4.9	kW	Seasonal space heating energy efficiency	ηs	169	%	
Declared capacity for heating for pa	art load a	t indoor		Declared coefficient of performance o	r primary e	nergy ratio	for	
temperature 20 °C and outdoor tem	perature ⁻	Тј	1	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	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-	
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C	
		,	•	Heating water operating limit	WTOL	60	°C	
Power consumption in modes other	than acti	ve mode		Supplementary heater				
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.9	kW	
Thermostat-off mode	P_{TO}	0.015	kW					
Standby mode	P_SB	0.015	kW	Type of energy input				
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 _{WA}	40/58	dBA					
Annual energy consumption	Q_{HE}	2733	kWh					
For heat pump combination heater:								
Declared load profile		L		Water heating energy efficiency	ηwh	116	%	
Daily electricity consumption	Qelec	4.200	kW/h					
Annual electricity consumption	AEC	927	kW/h					
Contact details								

^(*) 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	nit:	PUZ-WM85VAA(-BS)					
		Indoor uni	t:	EHPT20X-**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	iter:			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	156	%		
Declared capacity for heating for pa	I art load a	t indoor		Declared coefficient of performance of	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	-	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		
Dower consumption in modes other	than acti	ivo modo		temperature Supplementary heater	00				
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	0.0	kW		
	P _{OFF}			Nated Heat Output ()	FSup	0.0	KVV		
Thermostat-off mode	P _{TO}	0.015	kW						
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical			
Crankcase heater mode	Рск	0.000	kW						
Other items Capacity control		variable		Rated air flow rate, outdoors		2660	m³/h		
,		40/58	-IDA	Nated all flow rate, outdoors	-	2000	111 /11		
Sound power level, indoors/outdoors	L _{WA}		dBA						
Annual energy consumption	Q _{HE}	2799	kWh						
For heat pump combination heater:				<u> </u>					
Declared load profile		L		Water heating energy efficiency	ηwh	161	%		
Daily electricity consumption	Qelec	3.100	kW/h						
Annual electricity consumption	AEC	679	kW/h						
Contact details									

^(*) 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-WM85VAA(-BS)						
		Indoor uni	it:	EHPT20X-**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	iter:			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	227	%			
Declared capacity for heating for pa	I art load a	t indoor		Declared coefficient of performance of	or primary e	nergy ratio	for			
temperature 20 °C and outdoor tem	perature ·	Τј		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	WTOL		°C			
Dower consumption in modes other	than acti	vo modo		temperature						
Power consumption in modes other Off mode		0.015	kW	Supplementary heater Rated heat output (*)	Psup	0.0	kW			
	P _{OFF}			Kated Heat Output ()	FSup	0.0	KVV			
Thermostat-off mode	P _{TO}	0.015	kW							
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode Other items	Рск	0.000	kW							
Capacity control		variable		Rated air flow rate, outdoors		2660	m ³ /h			
			-IDA	Rated all flow fate, outdoors	-	2000	111 /11			
Sound power level, indoors/outdoors	L _{WA}	40/58	dBA							
Annual energy consumption	Q _{HE}	1916	kWh							
For heat pump combination heater:				<u> </u>						
Declared load profile		L		Water heating energy efficiency	ηwh	161	%			
Daily electricity consumption	Qelec	3.100	kW/h							
Annual electricity consumption	AEC	679	kW/h							
Contact details										

^(*) 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-WM85VAA(-BS)						
		Indoor uni	it:	ERPT17X-**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	iter:			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	ηs	141	%			
Declared capacity for heating for pa	I art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for			
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C	and outdo	or tempera	iture 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			
				Heating water operating limit	WTOL	60	°C			
Dower consumption in modes other	than acti	vo modo		temperature Supplementary heater	00					
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	1.3	kW			
	P _{OFF}			Kaled Heat Output ()	FSup	1.5	KVV			
Thermostat-off mode	P _{TO}	0.015	kW	Town of consent						
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode Other items	Рск	0.000	kW							
Capacity control		variable		Rated air flow rate, outdoors		2660	m ³ /h			
,		40/58	4DA	Nated all flow rate, outdoors	-	2000	111 /11			
Sound power level, indoors/outdoors	L _{WA}		dBA							
Annual energy consumption	Q _{HE}	4837	kWh							
For heat pump combination heater:						465	0.1			
Declared load profile		L		Water heating energy efficiency	ηwh	120	%			
Daily electricity consumption	Qelec	4.100	kW/h							
Annual electricity consumption	AEC	899	kW/h							
Contact details										

^(*) 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-WM85VAA(-BS)						
		Indoor uni	it:	ERPT17X-**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	iter:			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	ηs	197	%			
Declared capacity for heating for pa	I art load a	t indoor		Declared coefficient of performance of	r primary e	nergy ratio	for			
temperature 20 °C and outdoor tem	perature ·	Τј		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	-			<u> </u>				
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			
Dower consumption in modes other	than acti	vo modo		temperature Supplementary heater	WIOL	00				
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	1.3	kW			
	P _{OFF}			Kaled Heat Output ()	FSup	1.3	KVV			
Thermostat-off mode	P _{TO}	0.015	kW							
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode Other items	Рск	0.000	kW		<u> </u>					
Capacity control		variable		Rated air flow rate, outdoors		2660	m³/h			
,		40/58	-IDA	Rated all flow fate, outdoors	-	2000	111 /11			
Sound power level, indoors/outdoors	L _{WA}		dBA							
Annual energy consumption	Q _{HE}	3473	kWh							
For heat pump combination heater:				<u> </u>						
Declared load profile		L		Water heating energy efficiency	ηwh	120	%			
Daily electricity consumption	Qelec	4.100	kW/h							
Annual electricity consumption	AEC	899	kW/h							
Contact details										

^(*) 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-WM85VAA(-BS)						
		Indoor uni	it:	ERPT17X-**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	iter:			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	ηs	132	%			
Declared capacity for heating for pa	art load a	t indoor		energy efficiency Declared coefficient of performance of	l or primary e	nergy ratio	for			
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C		•				
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		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	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	_			
Bivalent temperature	Tbiv	-15	°C	Operation limit temperature	TOL	-20	°C			
bivalent temperature	TUIV	-15		Heating water operating limit			-			
				temperature	WTOL	60	°C			
Power consumption in modes other	than acti	ı	1	Supplementary heater		1 1				
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	6.1	kW			
Thermostat-off mode	P _{TO}	0.015	kW							
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode	P _{CK}	0.000	kW							
Other items						1				
Capacity control		variable	_	Rated air flow rate, outdoors	-	2660	m³/h			
Sound power level, indoors/outdoors	L_WA	40/58	dBA							
Annual energy consumption	Q_{HE}	4376	kWh							
For heat pump combination heater:										
Declared load profile		L		Water heating energy efficiency	ηwh	101	%			
Daily electricity consumption	Qelec	4.900	kW/h							
Annual electricity consumption	AEC	1073	kW/h							
Contact details										

^(*) 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-WM85VAA(-BS)			
		Indoor uni	it:	ERPT17X-**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	nter:			yes			
Heat pump combination heater:				yes			
Parameters for				low-temperature application.			
Parameters for				colder climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.9	kW	Seasonal space heating energy efficiency	ηs	175	%
Declared capacity for heating for pa	art load a	t indoor		Declared coefficient of performance o	r 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	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	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit	WTOL	60	°C
Power consumption in modes other	than acti	ve mode		temperature Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.9	kW
Thermostat-off mode	P_{TO}	0.015	kW				
Standby mode	P_{SB}	0.015	kW	Type of energy input			
Crankcase heater mode	P_{CK}	0.000	kW			Electrical	
Other items				I I	ļ		
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L _{WA}	40/58	dBA			<u> </u>	
Annual energy consumption	Q_{HE}	2733	kWh				
For heat pump combination heater:		1		<u> </u>			
Declared load profile		L		Water heating energy efficiency	ηwh	101	%
Daily electricity consumption	Qelec	4.900	kW/h				
Annual electricity consumption	AEC	1073	kW/h				
Contact details				•			

^(*) 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-WM85VAA(-BS)			
		Indoor uni	it:	ERPT17X-**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	iter:			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	ηs	159	%
Declared capacity for heating for pa	art load a	t indoor		energy efficiency Declared coefficient of performance of	l or primary e	nergy ratio	for
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C		•	
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	-			<u> </u>	
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		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
bivaient temperature	TOIV	2	J	Heating water operating limit			_
				temperature	WTOL	60	°C
Power consumption in modes other		1		Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	Рск	0.000	kW				
Other items	-					1 1	
Capacity control		variable		Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L_WA	40/58	dBA				
Annual energy consumption	Q _{HE}	2799	kWh				
For heat pump combination heater:				П			
Declared load profile		L		Water heating energy efficiency	ηwh	135	%
Daily electricity consumption	Qelec	3.700	kW/h				
Annual electricity consumption	AEC	803	kW/h				
Contact details							

^(*) 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-WM85VAA(-BS)			
		Indoor uni	it:	ERPT17X-**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	iter:			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 pa	I art load a	t indoor		Declared coefficient of performance of	or primary e	nergy ratio	for
temperature 20 °C and outdoor tem				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	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	WTOL	60	°C
Power consumption in modes other	than acti	ve mode		temperature Supplementary heater	WIGE	00	
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{TO}	0.015	kW	Trated float suspent ()	· oup	0.0	N.V.
Standby mode	P _{SB}	0.015	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW	Type or energy input		Electrical	
Other items	· CK	0.000	KVV				
Capacity control		variable		Rated air flow rate, outdoors	_	2660	m³/h
Sound power level, indoors/outdoors	L _{WA}	40/58	dBA				,
Annual energy consumption	Q_{HE}	1916	kWh				
For heat pump combination heater:	≪HE	1010	IZAALI				
Declared load profile		L		Water heating energy efficiency	ηwh	135	 %
·				The state of the s	HVVII	133	/0
Daily electricity consumption	Qelec	3.700	kW/h				
Annual electricity consumption	AEC	803	kW/h				
Contact details							

^(*) 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-WM85VAA(-BS)			
		Indoor uni	it:	ERPT20X-**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	iter:			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	ηs	141	%
Declared capacity for heating for pa	I art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for
temperature 20 °C and outdoor tem				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
				Heating water operating limit	WTOL	60	°C
Power concumption in modes other	than acti	vo modo		temperature Supplementary heater	WIGE	00	
Power consumption in modes other Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	1.3	kW
Thermostat-off mode	P _{TO}	0.015	kW	Nated Heat Output ()	i sup	1.0	RVV
				Time of anomy innut			
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode Other items	P _{CK}	0.000	kW				
Capacity control		variable		Rated air flow rate, outdoors	_	2660	m³/h
Sound power level, indoors/outdoors	L _{WA}	40/58	dBA	Tatou air non rate, catacore			,
Annual energy consumption		4837	kWh				
For heat pump combination heater:	Q _{HE}	4031	VAAII				
		1		Water heating energy official and	عادين	115	0/
Declared load profile	_	L		Water heating energy efficiency	ηwh	145	%
Daily electricity consumption	Qelec	3.400	kW/h				
Annual electricity consumption	AEC	749	kW/h				
Contact details							

^(*) 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-WM85VAA(-BS)			
		Indoor uni	it:	ERPT20X-**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	nter:			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 pa	art load a	t indoor		Declared coefficient of performance o	r 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	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 temperature	WTOL	60	°C
Power consumption in modes other	than acti	ve mode		Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	1.3	kW
Thermostat-off mode	P_{TO}	0.015	kW				
Standby mode	P_SB	0.015	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 _{WA}	40/58	dBA				
Annual energy consumption	Q_{HE}	3473	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	145	%
Daily electricity consumption	Qelec	3.400	kW/h				
Annual electricity consumption	AEC	749	kW/h				
Contact details							

^(*) 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-WM85VAA(-BS)			
		Indoor uni	it:	ERPT20X-**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	iter:			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	ηs	132	%
Declared capacity for heating for pa	ı art load a	t indoor		Declared coefficient of performance of	ı ır primary e	I I energy ratio	for
temperature 20 °C and outdoor tem	perature -	Гј		part load at indoor temperature 20 °C	and outdo	or tempera	iture 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		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	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-15	°C	Operation limit temperature	TOL	-20	°C
•			l	Heating water operating limit	WTOL	60	°C
Power consumption in modes other	than acti	ve mode		temperature Supplementary heater	WIOL	00	
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	6.1	kW
Thermostat-off mode	P _{TO}	0.015	kW	Trated float surpar ()	, oap	0.1	
Standby mode	P _{SB}	0.015	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW	Type or energy input		Electrical	
Other items	' CK	0.000	KVV				
Capacity control		variable		Rated air flow rate, outdoors		2660	m³/h
Sound power level, indoors/outdoors	L _{WA}	40/58	dBA				
Annual energy consumption	Q _{HE}	4376	kWh				
For heat pump combination heater:	Q HE	4370	KVVII				
Declared load profile				Water heating energy efficiency	ηwh	116	%
·			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	water neating energy eniciency	i įvvi i	110	/0
Daily electricity consumption	Qelec	4.200	kW/h				
Annual electricity consumption	AEC	927	kW/h				
Contact details							

^(*) 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	nit:	PUZ-WM85VAA(-BS)			
		Indoor uni	t:	ERPT20X-**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	iter:			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	175	%
Declared capacity for heating for pa	art load a	t indoor		energy efficiency Declared coefficient of performance of	r primary e	nergy ratio	for
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C		0,	
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	-			<u> </u>	
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	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd		_
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
Divaient temperature	TOIV	20		Heating water operating limit			-
				temperature	WTOL	60	°C
Power consumption in modes other		ı	1.34/	Supplementary heater	D	10	1.30/
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.9	kW
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{CK}	0.000	kW				
Other items						I I	
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}	2733	kWh				
For heat pump combination heater:				П			
Declared load profile		L		Water heating energy efficiency	ηwh	116	%
Daily electricity consumption	Qelec	4.200	kW/h				
Annual electricity consumption	AEC	927	kW/h				
Contact details							

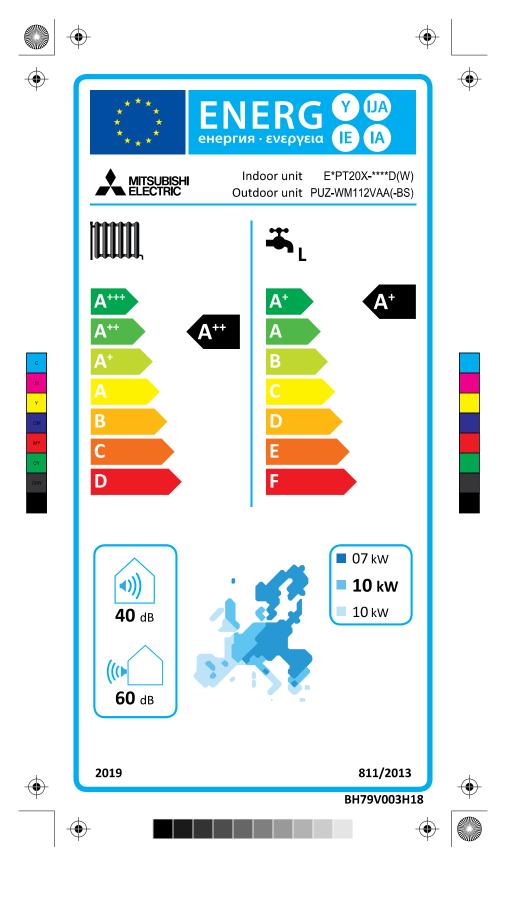
^(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

Model(s):		Outdoor u	ınit:	PUZ-WM85VAA(-BS)			
		Indoor uni	it:	ERPT20X-**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	iter:			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	ηs	159	%
Declared capacity for heating for pa	art load a	t indoor		energy efficiency Declared coefficient of performance of	r primary e	nergy ratio	for
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C		•	
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	-			<u> </u>	
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
Divaient temperature	TOIV		ľ	Heating water operating limit			-
				temperature	WTOL	60	°C
Power consumption in modes other		1	134/	Supplementary heater	Davis		1.30/
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{CK}	0.000	kW				
Other items				<u> </u>		1	3
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}	2799	kWh				
For heat pump combination heater:				П			
Declared load profile		L		Water heating energy efficiency	ηwh	161	%
Daily electricity consumption	Qelec	3.100	kW/h				
Annual electricity consumption	AEC	679	kW/h				
Contact details							

^(*) 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-WM85VAA(-BS)			
		Indoor uni	it:	ERPT20X-**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	iter:			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	ηs	234	%
Declared capacity for heating for pa	I art load a	t indoor		energy efficiency Declared coefficient of performance of	ı or primary e	nergy ratio	for
temperature 20 °C and outdoor tem	perature ·	Τј		part load at indoor temperature 20 °C			
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	-			<u> </u>	
Tj = +12 °C	Pdh	3.6	kW		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	WTOL	60	°C
Dower consumption in modes other	than acti	vo modo		temperature	WIOL	00	
Power consumption in modes other Off mode		0.015	kW	Supplementary heater Rated heat output (*)	Psup	0.0	kW
	P _{OFF}			Nated Heat Output ()	FSup	0.0	KVV
Thermostat-off mode	P _{TO}	0.015	kW	Towns of some insure			
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode Other items	P _{CK}	0.000	kW				
Capacity control		variable		Rated air flow rate, outdoors		2660	m³/h
Sound power level, indoors/outdoors		40/58	dBA	Trated all now rate, outdoors	_	2000	111 /11
•	L _{WA}						
Annual energy consumption	Q _{HE}	1916	kWh				
For heat pump combination heater:						101	
Declared load profile		L		Water heating energy efficiency	ηwh	161	%
Daily electricity consumption	Qelec	3.100	kW/h				
Annual electricity consumption	AEC	679	kW/h				
Contact details							

^(*) 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.



		PUZ-WM112YAA(-BS)					PUZ-WM112VAA(-BS)							PUZ-WM85YAA(-BS)							PUZ-WM85VAA(-BS)						PUZ-WM60VAA(-BS)					PUZ-WM50VHA(-BS)				Outdoor unit							
EHPX-***D	ERPT30X-***D	EHPT30X-***D	ERPT20X-***D	EHPT20X-***D	EHPX-****D	EKP130X-****D	Į š	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FRPT20X-***D	EHPT20X-****D	EHPX-***D	ERPT30X-****D	EHPT30X-****D	ERPT20X-***D	EHPT20X-***D	ERPT17X.****D	EHPT17X-***D	EHPX-***D	ERPT30X-***D	EHPT30X-***D	ERPT20X-****D	EHPT20X-****D	ERPT17X-***D	EHPT17X-***D	EHPX,****D	ERPT20X-***D	EHPT20X-****D	ERPT17X-***D	EHPT17X.****D	EHPX.****D	ERPT20X-***D	EHPT20X-***D	ERPT17X-***D	EHPT17X-***D		Indoor unit	2						
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A	A ‡	A++	A	Ì	Ì	Ì	1	1	‡	A++	A++	A++	P	À:	Ì	Ž.	?	?	?	A	A	A	A ‡	ļ	‡	A ‡	‡	‡	‡	Ž.	‡	‡	A++	‡	Seas efficie	onal space heating energy ency class	cn						
	Þ	Þ	ş	?		Þ	>	. ;	4	Α+	•	Þ	>	¥	ş	Ļ	ş		Þ	Þ	ļ	ļ	2	ş	ŀ	¥	2	\$	₽		¥	P	Α+	ş	Wate	r heating energy efficiency	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	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	.e.	8.5	6.0	6.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0	5.0	\vdash	Rated heat output under verage climate conditions	iency on arrows all the results of t						
5905	5905	5905	5905	5905	5905	5905	5905		5905	5905	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	4837	3318	3318	3318	3318	3318	3014	3014	3014	3014	3014	≩ e	or space heating, annual nergy consumption under verage climate conditions	ω ency 1						
	1443	1443	736	736	ŀ	1443	4.5	1	736	736		1451	1451	749	749	899	899	ŀ	1451	1451	749	749	899	899	ŀ	749	749	899	899	ŀ	803	83	902	902	≸ ei a	or water heating, annual lectricity consumption under verage climate conditions	ergy 10 ncy 11 loor 12						
133	136	133	136	133	134	136	Ę.		136	134	138	141	138	41	138	141	138	139	41	139	141	139	41	139	142	145	142	145	142	129	133	129	133	129	CI	easonal space heating energy fficiency under average limate conditions	cy ⊒						
	120	120	148	148	ŀ	120	120		148	148	•	120	120	145	145	120	120	ŀ	120	120	145	145	120	120	ŀ	145	145	120	120	ŀ	135	135	120	120	or Se un Co	Vater heating energy efficiency inder average climate onditions	≟						
40	40	40	8	8	8	40	8	;	8	40	40	40	40	8	8	40	40	40	8	40	46	40	40	40	46	40	8	8	46	46	40	40	40	40	ab s	Sound power level L _{WA} indoor	12	For me					
		ŀ		ŀ	ŀ	ŀ	ŀ							ŀ	ŀ		ŀ	ŀ	ŀ		ŀ	ŀ		ŀ	ŀ			ŀ	ŀ	Ŀ	ŀ	ŀ		Ŀ	Work	only during off-peak hours	13	medium-ter					
9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2		9.2	9.2	6.1	6.1	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	KW R	Rated heat output under colder limate conditions	14	temperature					
10.0	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	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	K∛ R	Rated heat output under varmer climate conditions	15	ure application					
6990	6990	6990	6990	6990	6990	0669	6990	3	6990	6990	4376	4376	4376	4376	4376	4376	4376	4376	4376	4376	4376	4376	4376	4376	3671	3671	3671	3671	3671	2760	2760	2760	2760	2760	KWh G	or space heating, annual nergy consumption under older climate conditions	colder 14						
3401	3401	3401	3401	3401	3401	3401	3401	2	3401	3401	2799	2799	2799	2799	2799	2799	2799	2799	2799	2799	2799	2799	2799	2799	1991	1991	1991	1991	1991	1616	1616	1616	1616	1616	1 < 10	or space heating, annual nergy consumption under varmer climate conditions	17						
	1808	1808	917	917		1808	8081		917	917		1808	1808	927	927	1073	1073		1808	1808	927	927	1073	1073		927	927	1073	1073		934	934	1065	1065	KWh F	or water heating, annual nergy consumption under older climate conditions	18						
	1294	1294	674	674		1294	1294		674	674		1294	1294	679	679	803	803		1294	1294	679	679	803	803		679	679	803	803		709	709	805	805	KWh F e w	or water heating, annual nergy consumption under varmer climate conditions	19						
121	124	121	124	121	122	124	122	;	124	122	128	132	128	132	128	132	128	129	132	129	132	129	132	129	127	130	127	130	127	107	∄	107	111	107	≫ er	seasonal space heating energy fficiency under colder climate onditions	20						
150	154	150	154	150	152	20	122	;	ż	152	155	159	155	159	155	159	155	156	159	156	159	156	159	156	154	158	1	158	154	157	162	157	162	157	≫ ei	Seasonal space heating energy efficiency under warmer climate conditions	21						
	96	96	118	118	ŀ	98	· #	;	1 1 2	118		96	96	116	116	101	101		98	96	116	116	<u>=</u>	101	ŀ	116	116	101	10.		116	116	101	101	o Vu	Vater heating energy efficiency nder colder climate conditions	22	1					
	135	135	161	161		135	135		161	161		135	135	161	161	135	135		135	135	161	161	135	135		161	161	135	135		154	154	135	135	IXIu	Vater heating energy efficiency nder warmer climate onditions	23						
60	60	60	60	60	8	g	8	3 8	e e	60	58	58	58	55	58	58	58	58	55	58	58	58	58	58	58	58	58	58	58	62	62	62	61	61	a s	Sound power level L _{WA}	24						
٠,		,	,	,	,	,	,	†	,	,	٠,	,	,	,	,	,	,	,	,	•	,	,	,	,	,	,	,	,	,	,	,	,	٠,	,	Low-1	temperature application	4						
A+++	A++	A+++	A+++	A+++	A+++	A***	Ą	+	A	A+++	A+++	A+++	A++	A+++	A + +	A***	A***	A++	A+++	A++	A++	A++	A ‡	A * + +	A+++	A+++	A+++	A++	A+++	A+++	A+++	A + +	A+++	A++	Seas	onal space heating gy efficiency class	5 5						
	>	A	4	>	į.	>	t	$^{+}$	†	A+		>	>	·	· •	Ą			>	>	P	Ą		Ą	t	Ą	· 2	ļ.		i.	<u>.</u>	<u>.</u>	A+	Ą		r heating energy efficiency	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	8.5	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	⊼ R	Rated heat output under everage climate conditions	7						
4145	4145	4145	4145	+	╀	+	+	+	+	4145	3473	3473	3473	3473	3473	3473	3473	3473	3473	3473	3473	3473	3473	3473	2475	2475	2475	2475	2475	2113	2113	2113	2113	2113	KV F	or space heating, annual	8						
	1443	1443	736	t.		1443	1.	$^{+}$	$^{+}$	736	•	1451	1451	749	749	899	899		1451	1451	749	749	t	899	t	749	749	899	899		803	803	902	902	_ E	verage climate conditions or water heating, annual ectricity consumption under verage climate conditions	9						
189	195	189	195	+	191	t	+.	+	+	191	190	197	190	197	190	197	190	193	197	193	╁	193	╁	193	H	197	+	197	H	183	190	183	190	183	s S ⊗ ei	Seasonal space heating energy	10						
	120	120	148	+	<u> </u>	120	+.	+	+	148		120	120	145	145	120	120		120	120	145	145	+	120	╁	145	145	120	120	i.	135	135	120	120	l v	limate conditions Vater heating energy efficiency inder average climate onditions	=						
40	40	40	8	40	8	H	+	+	+	40	40	40	4	8	8	40	46	40	8	40	46	40	+	46	H	40	8	40	48	4	4	8	40	40		onditions Sound power level L _{WA} indoor	12	Į.					
				ļ.	١.	t.	١.	t	+												١.	ļ.	l.	ļ.	ļ.	١.			-	١.					Work	only during off-peak hours	13	יו					
9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	2 5	9.9	9.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.4	4.4	4.4	4.4	4.4	4.2	4.2	4.2	4.2	4.2	⊼ R	Rated heat output under colder limate conditions	14	low-temperat					
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	8.5	8.5	8.5	+	8.5	╁	6.0	6.0	6.0	6.0	5.0	5.0	5.0	5.0	5.0	⊼ R	Rated heat output under	15	rature appl					
.0 5528	.0 5528	.0 5528	.0 5528	.0 5528	.0 5528	+	+	+	+	_	5 2733	5 2733	\vdash	┝	5 2733	5 2733	5 2733	5 2733	5 2733	5 2733	+	\vdash	+	\vdash	+	0 2492	0 2492	0 2492	0 2492	0 2713	0 2713	0 2713	0 2713	0 2713	- F	or space heating, annual	_	olication					
-	Н	H	\vdash	+	╁	+	+	+	+	-	_	H.	2733 19	2733 19	-		١.	١.	+	H	2733 19	2733 19	2733 19	2733 19	١.	_	+	H	H	+	Η.	Н	-	13 1111	⊼ F	nergy consumption under older climate conditions	6	ľ					
2394	2394 18	2394 18	2394 9	2394 9	2394	t.	+	+	+	2394 9-	1916 .	1916 18	1916 18	1916 92	1916 93	1916 10	1916 10	1916	1916 18	1916 18	t	1916 9:	+	1916 10	+	397 93	397 93	1397 10	1397 10	111	1111 93	1111 90	1111 10		N w	nergy consumption under varmer climate conditions	17 1						
	808 12	1808 12	917 6	+	ļ.	12	+	Η.	+	917 6	_	1808 12	1808 12	927 6	927 6	1073 8	1073 8	ļ.	1808	1808 12	927 6	927 6	+	1073 8	t	927 6	927 6	1073 8	1073 8	ŀ.	934 7	934 7	1065 8	1065 8	₋	nergy consumption under older climate conditions or water heating, annual energy consumption under	18						
	294 1	294 1	674 1	+		294	Η.	+	+	674 1	- 1	294 1	294 1	679 1	679 1	803 1	803		294 1	294 1	679 1	679 1	+	803	-	679 1	679 1	803	803 1	ļ.	709 1	709 1	805 1	805 1	s	varmer climate conditions seasonal space heating energy	19						
165	169	165	169	+	╁	+	+	+	+	166	166 2	175	166	175	166	175	166	169	175	169	H	H	╁	169	╁	173	\vdash	173	H	4	146	141	146	141	or er	fficiency under colder climate onditions	20	1					
213	220	213	220	H	215	t	+	$^{+}$	+	215	224	234	224	234	224	234	224	227	234	227	234	227	+	227	218	226	218	226	218	226	237	226	237	226	C	seasonal space heating energy efficiency under warmer climate onditions	21						
•	96	96	118	118	ŀ	98	96	3 3	118	118	-	96	96	116	116	101	101	ŀ	96	96	116	116	101	101	ļ.	116	116	2	2	Ŀ	116	116	101	101	° u	Vater heating energy efficiency inder colder climate conditions	22						
•	135	135	161	161	ŀ	135	135	1	2	161		135	135	161	161	135	135	ŀ	135	135	161	161	135	135	ļ.	161	161	135	135	Ŀ	154	154	135	135	CI	Vater heating energy efficiency inder warmer climate onditions	23						
60	60	60	60	60	60	g	8	3 8	8	60	58	58	58	58	58	58	58	25	58	58	58	8	58	58	58	58	8	58	58	ವ	61	62	61	61	SB S	Sound power level L _{WA} utdoor	24						

24 het g äänit	Sour	23 de ei	Wate	22 de ei	Viate	Klima	of de se	Seas	tilalā	20 de se klima	Sea	veds	19 woor	For	vedt	18 woor	For	Siell.	17 your	For t	tilalä	16 your	Fors	15 de ni	Rate	14 de n	toim	13 werk	ääni. Work	12 het g	vede	Wate	tilalā	10 de se klima	Seas	wede	9 woor	For	tials	8 woor	For:	nime	7 Rate	6 de ei	Wate	5 de se	Seas	4 laget	kesk	3 midd	Siså	2 binne	Ullko	Oute	Suon Ned
peluldsvermogensniveau L _{IVA} bullen L Iehotaso L _{IVA} ulikona h	nd power level L _{AM} outdoor	nergie-efficiëntie voor waterverwarming onder warmere kilmaatomstandigheden Eniammityksen energialehokkuus kylmissä ilmaato-olosuhteissa	or heating energy efficiency under warmer climate conditions	nergie-efficiëntie voor waterverwarming onder koudere klimaatomstandigheden Enitrontiksen anergiatehokkuus kylmissä ilmasto-olosuhteissa e	lämmityksen kausittainen energiatehokkuus lämpimissä ilmasto-otosuhteissa tar hesting energy efficiengy under codder climate conditions		mere		inen energiatehokkuus kylmissä ilmasto-olosuhteissa	sizoensgebonden energie-efficiëntie voor ruimteverwarming onder koudere	conal space heating energy efficiency under colder climate conditions d	vedenlämmityksestä vuotuinen sähkönkulutus lämpimissä ilmasto-olosuhteissa p	waterverwarming, het jaarlijkse elektriciteitsverbruik onder warmere klimaatomstandigheden	1		aatomstandigheden	ľ	illalämmityksestä vuotuinen energiankulutus lämpimissä ilmasto-olosuhteissa p	mstandigheden	space heating, annual energy consumption under warmer climate conditions	mmityksestä vuotuinen energiankulutus kylmissä ilmasto-olosuhteissa	standigheden	For space heating, annual energy consumption under colder climate conditions	ominale warmteafgifte, onder warmere klimaatomstandigheden Nillisiärnoöteho. Iämpinnissa ilmasto-olosuhteissa	d heat output under warmer climate conditions	ominale warmteafgiffe, onder koudere klimaatomstandigheden N	imaan alinoastaan kulutushulppujen ulkopuolelila pi d heat output under colder climate conditions d	en uitsluitend in de daluren d	lehotaso L _{WA} sisällä h only during off-peak hours	nd power level L _{I/M} indoor d seluidsvermogensniveau L _{I/M} binnen L	nergie-emcietike voor waterverwarming(onder germodelde kiimatiomskandigheden) enfamnityksen energiatehokkuus(keskimääräisissä iimasto-olosuhteissa) e	r heating energy efficiency under average climate conditions	mmityksen kausittainen energiatehokkuus(keskimääräisissä ilmasto-olosuhteissa)	sizoensgebonden energie-efficiëntie voor ruimteverwarming(onder gemiddelde sistomstandigheden)	Seasonal space heating energy efficiency under average climate conditions	nlämnityksestä vuotuinen sähkönkulutus(keskimääräisissä ilmasto-olosuhtekssa)	watervervarming, het jaarlijkse elektriciteitsverbruik(onder gemiddelde klimaatomstandigheden). F	For water heating, annual electricity consumption under average climate conditions	mmityksestä vuotuinen energiankulutus(keskimääräisissä ilmasto-olosuhteissa)	voor ruimtevenvarming, het jaarlijkse energieverbruik(onder gemiddelde klimaalomstandigheden)	For space healing, annual energy consumption under average climate conditions	Illislämpöteho(keskimääräisissä ilmasto-olosuhteissa)	d heat output under average climate conditions displayed average climate conditions displayed average climate conditions	nergie-efficiëntieklasse voor waterverwarning anlämmityksen energiatehokkuusluokka	ir heating energy efficiency class	voor ruimteverwarming	gy officiency class c	emperatuur-toepassing	liämpöbilan sovellus s Jemnesture andication	ium-temperature application A fentemperature-toepassing n	yksikkö	or unit la	yksikkö V	loor unit	oriands s
Ljudelfektinivan L _{VM} , i utomhus hladina akustického výkonu L _{VM} , ve venkovním prostoru	er Schalleistungspegel L _{IVA} im Freien	Energieffektivitet vid vattenuppvämmning under varmare klimatiörhällanden energatioka üzinnost olivevu vodv za teoleisich klimatiokvoh podminek	le Warmwasserbereitungs-Energieeffizienz bei wärmeren Klimaverhältnissen	inergieffektivitet vid vatteriuppvärmning under kallare klimatförhållanden nergetická účinnost ohlfevu vody za chladnějších klimatických podmínek	sezonni energeticka udinnost vytapėni za teplejšich klimatických podminek lie Warmwasserbereitungs-Energioefizienz bei kälteren Klimaverhältnissen	овол қолтология туру вол толтору контисту баттара дейтерін таналысты.	äsonosmadaluadninosonad för numsunnvärmninn undor varmara klimatörhällanden	lie iahreszeitbedinote Raumhetzungs-Energieeffizienz bei wärmeren Klimaverhältnissen	sezonní energetická účinnost vytápění za chladnějších klimatických podmínek	Säsongsmedelverkningsgrad för rumsuppvärmning under kallare klimatförhållanden	lie jahreszeitbedingte Raumheizungs-Energieeffizienz bei kälteren Klimaverhältnissen	pro chřev vody – roční spotřeba elektrické energie za teplejších klimatických podmínek	För vattenuppvärmning, årlig elförbrukning under varmare klimatförhållanden	dimaverhältnissen	pro ohřev vody – roční spotřeba elektrické energie za chladnějsích klimatických podminek Tře die Warrnwasserberejtuna, der lährliche Stromverbrauch bel vrármeren	För valtenuppvärmning, ärlig elförbrukning under kallare klimatförhållanden	ür die Warmwasserbereitung, der jährliche Stromverbrauch bei kälteren Klimaverhältnissen	pro vytlapění – roční spotřeba energie za teplejších klimatických podmínek	ör rumsuppvärmning, árlig energiförbrukning under varmare klimatförhállanden	für die Raumheizung, der jährliche Energieverbrauch bei wärmeren Klimaverhältnissen	pro vytápění – rožní spotřeba energie za teplejších klimatických podmínek	ör rumsuppvärmning, ärlig energiförbrukning under kallare klimatförhållanden	ür die Raumheizung, der jährliche Energieverbrauch bei kälteren Klimaverhältnissen	Nomínell avgíven värmeeffekt vid varmare klimatförhállanden menovilý teoelný výkon za teolejších klimatických oddmínek	He Wärmenennleistung bei wärmeren Klimaverhältnissen	Nomintell avgiven värmeeffekt vid kallare klimatförhållanden	yrovozu pouze mlmo špičku ie Wärmenennleistung bei kätteren Klimaverhältnissen	drivas vieslutande under perioder med låg belastning	nladina akustického výkonu L _{vm} ve vnitřním prostoru Jass ein ausechließlicher Betrieb des Kombilheizográtes zu Schwachlastzeiten	ter Schallfeistungspegel L _{I/M} , in Gebäuden judeffektnivà L _{I/M} , i inomhus	e nergietrektivnet via vatterruppvarmning(via genomsnittilga klimatromalianben) energietická účinnost ohfevu vody za průměrných klimatických podmínek	ile Warmwasserbereitungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen	sezonní energetické účinnost vytápění za průměrných klimatických podmínek	Säsongsmedelverkningsgrad för rumsuppvärmning(vid genomsnittliga klimatförhållanden)	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen	oro ohřev vody – roční spočřeba elektrické energie za průměrných klimatických podmínek	För vattenuppvärmning, årlig elförbrukning(vid genomsnittliga klimatförhållanden)	für die Warmwasserbereitung, den jährflichen Stromwerbrauch bei durchschnittlichen Klimaverhältnissen	oro vylápění – roční spotřeba energie za průměrných klimatických podmínek	För rumsuppvärmning, ärlig energiförbrukning(vid genomsnittliga klimatförhållanden)	für die Raumheizung, den jährlichen Energieverbrauch bei durchschnittlichen (limaverhältnissen	Inenovilý tepelný výkoníza průměrných klimatických podmínek)	lie Wärmenennleistung bei durchschnittlichen Klimaverhältnissen en nominella avglyna värmeeffektenlunder gegomentitiga klimatforhållanden)	anergieffektivitetsklass vid vattenuppvärmning Ifida energetické účinnosti ohlfevu vody	He Klasse für die Warmwasserbereitungs-Energleeffizienz	säsongsrelaterade energieffektivitetsklass vid rumsuppvärmning	nizkateplotni aplikace die Klasse für die jahreszeitbedingte Raumheizungs-Energieoffizienz	áglemperaturapplikation	vibedněteplotní aplikace Vadademoraturanworturo	Mitteltemperaturanwendung mediumtemperaturapplikation	Vnitřní jednotka	nnengerät oonbusenhet	Venkovní jednotka	Judengerät	Swonska Častina
уудейейлі меан L _{IVI} і ude нивото на звуковата мощност L _{IVI} , на открито	le niveau de puissance acoustique L _{VM} à l'extérieur	energieffektiviteten wed vandopvarmning under varmere klimaforhold energieffektiviteten ved vandopvarmning under varmere klimaforhold	l'efficacité énergétique pour le chauffage de l'eau, dans les conditions climatiques plus chaudes		свзонната внергийна ефективност при отопление при по-топли климатични условия Гебрасф énergétous sour le chaufface de l'eau dans les conditions climatiques plus foides	аголимандовремента вентина вентинувания под	chaudes chaudes drewikininggrades and rimpowamping under varmers kilmatochold	l'efficactié énergétique saisonnière pour le chauffage des locaux, dans les conditions climatiques p	сезонната енергийна ефективност при отопление при по-студени климатични условия	årsvirkningsgraden ved rumopvarmning under koldere klimaforhold	i emicione energenque sasconniere pour le chaunage des locatux, dans les condinons climanques produes	CILIN	for vandopvarmning det ärlige elforbrug under varmere klimaforhold	plus chaudes	климатични условия our le chaufface de l'eau. le consommation annuelle d'électricité, dans les conditions climatiques	for vandopvermning det årlige elforbrug under koldere klimaforhold за подгояване на вода, годишного потребление на електроенергия при по-студени	plus froides	е, годишното потребление на енерг	for rumopvarmning det årlige energiforbrug under varmere klimaforhold	pour le chauffage des locaux, la consommation annuelle d'énergie, dans les conditions climatiques plus chaudes	за отопление, годишното потребление на енергия при по-студени климатични условия	for rumpyvarmning det ärlige energiforbrug under koldere klimaforhold	pour le chauffage des locaux, la consommation annuelle d'énergie, dans les conditions climatiques	den nominelle nytteelfiekt under varmere klimaforhold HOMBINER TORDINHHA MOULHOET DON 10-TORDIN KUMMSTWUHN VCDOBME	la puissance thermique nominale, dans les conditions climatiques plus chaudes	den nominelle nytteeffekt under koldere klimaforhold	работи само в часовете извън върховото натоварване la puissance thermique nominale, dans les conditions climatiques plus froides	fungere uden for spädsbelastningssperioder	нивото на звуковата мощност L _{WA} на закрито lonctionner ou en heures creuses	le niveau de puissance acoustique L _{VM} , à l'intérieur lydeifektniveauet L _{VM} , i inde	енедентехичетел чео капкорматтипіз(цпает деплетвялице киталоттука) енергийната ефективност при подгряване на вода(при средни климатични условия)	l'efficacité énergétique pour le chauffage de l'eau(dans les conditions climatiques moyennes)	овзонната внерлийна ефективност при отопление(при средни климатични условия)	årsvirkningsgraden ved rumopvarmning(under gennemsnitlige klimaforhold)	l'efficacité énergétique saisonnière pour le chauffage des locaux(dans les conditions dimatiques moyennes)	за подгряване на вода, годишного потребление(при средни климатични условия)	for vandopvarmning det årlige elforbrug(under gennemsnitlige klimaforhold)	pour le chauffage de l'eau, la consommation annuelle d'électricité(dans les conditions climatiques moyennes)	за отопление, годишното потребление на енергия(при средни климатични условия)	for rumopvarmning det ärlige energiforbrug(under gennemsnitlige klimatorhold)	pour le chauffage des locaux, la consommation annuelle d'energie(dans les conditions climatiques moyennes)	очет поставляют у возменения мощност (при средня климатични условия)	la puissance thermique nominale dans les conditions climatiques moyennes den nominale nutreeffectiunder connementations klimatorhold).	klassen for årsvirkningsgrad ved vandopvarmning класът на енергийната ефективност при подгряване на вода	la classe d'efficacité énergétique, pour le chauffage de l'eau	klassen for årsvirkningsgrad ved rumopyarmning	нискотемпературни приложения la classe d'efficacité énergétique saisonnière, pour le chauffage des locaux	lavtemperaturanvendelsen	среднотемпературного приложение	l'application à moyenne température middeltemperaturanvendelsen	Вътрешно тяло	unité intérieure	Bahtilho 1990	unité extérieure	Darrsk Burraposki
O nível de potência sonora L _{IVII} no exterior poziom mocy akustycznej L _{IVII} na zewnątrz	il livello di potenza sonora L _{VIA} all'esterno	a eficiléncia energética do aquecimento de água em condições climáticas mais quentes elektrivnosts energeticana podorzavania wody w warunkach klimatu ciecéeco	l'efficienza energetica di riscaldamento dell'acqua in condizioni climatiche più calde	a eficiência energética do aquecimento de água em condições climáticas mais frias efektywność energetyczna podgrzewania wody w warunkach klimatu chłodnego	Cleplego Felficienza energetica di riscaldamento dell'accusa in condizioni dimatiche più fredde	Sezonowa efektywność enerostyczna odrzewania pomieszczeń w warunkach klimatu	A oficióncia enemática do asuecimento ambiente sazonal em condiciões cilimáticas mais cuentes	plus reflicienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più calde	sezonowa efektywność energetyczna ogrzewania pomieszczeń w warunkach Klimatu	A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais frias	plus l'efficienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più fredde	w oraliesienu du posgrzewania woży, roczne zużycze etietgii eteknycznej w warunkach kinnau olepiego	QUENTOS	ua. o consumo anual de eletricidade em condições clim	chlodnego childrego childrego	para o aquecimento de água, o consumo anual de eletricidade em condições climáticas mais finas w odniestentu do podorzavvania wody, roczne zużycie energii elektrycznej w warunkach klimatu.	calde	Cleptego	Para o aquecimento ambiente, o consumo anual de energia em condições climáticas mais quentes w octobasimi, do consevuada comissarando rozana subvisa energia w warunkach klimati.	es per il riscaldamento d'ambiente, il consumo annuo di energia, in condizioni climatiche più calde	w odniesieniu do ogrzewenia pomieszczeń, roczne zużycie energii w warunkach klimatu chłodnego	Para o aquecimento ambiente, o consumo anual de energia em condições climáticas mais frias	es per il riscaldamento d'ambiente, il consumo annuo di energia, in condizioni climatiche più fredde	A poténcia calorifica nominal em condições climáticas mais quentes znamionowa mos céctina w warunkach klimátic debieco	la potenza termica nominale, in condizioni climatiche più calde	A potência calorifica nominal em condições climáticas mais frias	pracować jedynie w godzinach poza szczytowym obciążeniem la potenza termica nominale, in condizioni climatiche più fredde	de funcionar unicamente fora das horas de pico	poziom mocy akustycznej L _{WA} w pomieszczeniu funzione soltanto durante le ore morte	Il livello di potenza sonora L _{viv} , all'interno O nivel de potència sonora L _{viv} , no interior	a enciencia energenca do aquecimento de agua(em contrições cimancias metuais) efektywność energetyczna podgrzewania wody(w warunkach klimatu umiarkowanego)	l'efficienza energetica di riscaldamento dell'acqua(in condizioni climatiche medie)	sezonowa efektywność energetyczna ogrzewania pomieszczeń(w warunkach klimatu umiarkowanego)	A eficiência energética do aquecimento ambiente sazonal(em condições climáticas médias)	l'efficienza energetica stagionale di riscaldamento d'ambiente (in condizioni climatiche medie)	w odniesieniu do podgrzevania wody, roczne zużycie energii elektrycznej(w warunkach klimatu umiarkowanego)	para o aquecimento de água, o consumo anual de eletricidade(em condições climáticas médias)	per il riscaldamento dell'acqua, il consumo annuo di energia(in condizioni climatiche medie)	w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii(w warunkach klimatu umiarkowanego)	Para o aquecimento ambiente, o consumo anual de energia(em condições climáticas médias)	per il riscaldamento d'ambiente, il consumo annuo di energia(in condizioni climatiche medie)	znamionowa moc depina(w warunkach kilmatu umlarkowanago)	la potenza termica nominale(in condizioni climatiche medie) A potencia calorifica nominal(em condizios climatiche media)	A classe de eficiência energética do aquecimento de água klasa efektywności energetycznej podgrzewania wody	la classe di afficienza energetica del riscaldamento dell'acqua	mento ambiente sazo	zastosowania w niskich temperaturach ta classe di efficienza energetica stagionale del riscaldamento d'ambiente	a splicação a balva temperatura	zastosowania w średnich temperaturach	le applicazioni a media temperatura a aplicação a média temperatura	jednostka wewnętrzna	unità interna unidade interior	Jednosika zewnętrzna	unità esterna	Potkylvås Polski
η ατάθμη ηχητικής σκχύος Ε _{ναν} εξωτερικού χώρου	el nivel de patencia acústica L _{IVA} en exteriores	η ενεργειακή απόδοση της θέρμανσης νερού υπό θερμάτερες κλιματικές συνθήκες	ncia energética de caldeo	η ενεργεσική απόδοση της θέρμανσης νερού υπό ψυχρότερες κλιματικές συνθήκες	la eficiencia energética de caldeo de agua en conficieros climáticas más frias	συνθήκες	η ενεργεακή απόδοση της εποχιακής θέρμανσης χώρου υπό θερμότερες κλιματικές	la eficiencia energetica estacional de calefacción en condiciones climáticas más cálidas		η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου υπό ψυχρότερες κλιματικές συνθήκες	la eficiencia energetica estacional de calefacción en condiciones climáticas más frias		anybits?	_	_	anyblikes .		-	ss για θέρμανση χώρου, η επήσια κατανάλωση ενέργειας υπό θερμότερες κλιματικές συνθήκες	para calentar espacios, el consumo anual de energía en condiciones climáticas más cálidas		για θέρμανση χώρου, η επήσια κατανώλωση ενέργειας υπό ψυχρότερες κλιματικές συνθήκες	para calentar espacios, el consumo anual de energía en condiciones climáticas más frías	η ονομαστική θερμική ισχύς υπό θερμότερες κλιματικές συνθήκες	la potencia catorifica nominal en condiciones climáticas más cálidas	η ονομαστική θερμική ισχύς υπό ψυχρότερες κλιματικές συνθήκες	la potencia calorifica nominal en condiciones climáticas más frias	λετουργία μόνο εκτός των ωρών σιχμής	funcionar solamente durante las horas de baia demanda	el nivel de potencia acústica L _{VM} en interiores η στάθμη ηχητικής ισχύος L _{VM} εσωτερικού χώρου	d systemal annoced echanolis echanions incress syliamics anientics)	la eficiencia energética del caldeo de agua(en condiciones climáticas medias)		η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου(υπό μέσες κλιματικές συνθήκες)	la eficiencia energética estacional de calefacción(en condiciones climáticas medias)		για την θέρμανση νερού, η επίρια κατανάλωση ηλεκτρικής ενέργειας(υπό μέσες κλιματικές αυνθήκες)	para calentar agua, el consumo anual de electricidad(en condiciones climáticas medias)		για τη θέρμανση χώρου, η επίσια κατανάλωση ενέργειας(υπό μέσες κλιματικές συνθήκες)	para calentar espacios, el consumo anual de energia(en condiciones climáticas medias)	Conjunction Control of State Control of Control	la potencia calorifica nominal(en condiciones climáticas medias) n ovoucernich exoucirumó utere extuenice ouvernece)	η τάξη ενεργειακής απόδοσης θέρμανσης νερού	la clase de eficiencia energética del caldeo de agua	η τάξη ενεργειακής απόδοσης της εποχιακής θέρμανσης χώρου	la clase de eficiencia energática estacional de calefacción	η εφαργογή σε (χαμηλή θερμοκρασία	la anticación de baja temporatura	la aplicación de media temperatura η εφαρμογή σε μέση θερμοκρασία		unidad interior	Equisping Juoyanoa	unidad exterior	Ελληνικά

Model(s):		Outdoor u	ınit:	PUZ-WM112VAA(-BS)			
		Indoor uni	it:	EHPT20X-**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	iter:			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	10.0	kW	Seasonal space heating	ηѕ	134	%
Declared capacity for heating for pa	art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C			
Tj = - 7 °C	Pdh	8.8	kW	Tj = - 7 °C	COPd	2.21	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	5.4	kW	Tj = + 2 °C	COPd	3.30	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	5.2	kW	Tj = + 7 °C	COPd	4.60	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	4.7	kW		COPd	6.35	_
Degradation co-efficient (**)	Cdh	0.98	_				
Tj = bivalent temperature	Pdh	8.8	kW	Tj = bivalent temperature	COPd	2.21	_
Tj = operation limit temperature	Pdh	8.7	kW	Tj = operation limit temperature	COPd	1.60	_
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
bivaient temperature	TOIV	-1	J	Heating water operating limit			_
				temperature	WTOL	60	°C
Power consumption in modes other		ı	Ι	Supplementary heater		1	
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	1.2	kW
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{CK}	0.000	kW				
Other items				П			
Capacity control		variable	1	Rated air flow rate, outdoors	-	3170	m ³ /h
Sound power level, indoors/outdoors	L_WA	40/60	dBA				
Annual energy consumption	Q_{HE}	5905	kWh				
For heat pump combination heater:							
Declared load profile		L		Water heating energy efficiency	ηwh	148	%
Daily electricity consumption	Qelec	3.300	kW/h				
Annual electricity consumption	AEC	736	kW/h				
Contact details							

^(*) 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	nit:	PUZ-WM112VAA(-BS)						
		Indoor uni	t:	EHPT20X-**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	iter:			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	10.0	kW	Seasonal space heating energy efficiency	ηѕ	191	%			
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 ⁻	Τј		part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj			
Tj = - 7 °C	Pdh	8.8	kW	Tj = - 7 °C	COPd	3.31	-			
Degradation co-efficient (**)	Cdh	0.99	-							
Tj = + 2 °C	Pdh	5.7	kW	Tj = + 2 °C	COPd	4.56	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = + 7 °C	Pdh	4.9	kW	Tj = + 7 °C	COPd	6.81	-			
Degradation co-efficient (**)	Cdh	0.97	-							
Tj = +12 °C	Pdh	4.6	kW	Tj = +12 °C	COPd	9.20	-			
Degradation co-efficient (**)	Cdh	0.97	_							
Tj = bivalent temperature	Pdh	8.9	kW	Tj = bivalent temperature	COPd	3.32	-			
Tj = operation limit temperature	Pdh	8.7	kW	Tj = operation limit temperature	COPd	1.60	_			
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			
Dower consumption in modes other	than acti	vo modo		temperature Supplementary heater	WIOL	00				
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	1.1	kW			
	P _{OFF}			Kaled Heat Output ()	FSup	1.1	KVV			
Thermostat-off mode	P _{TO}	0.015	kW							
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode Other items	P _{CK}	0.000	kW							
Capacity control		variable		Rated air flow rate, outdoors		3170	m³/h			
,		40/60	4DA	Nated all flow rate, outdoors	-	3170	111 /11			
Sound power level, indoors/outdoors	L _{WA}		dBA							
Annual energy consumption	Q _{HE}	4145	kWh							
For heat pump combination heater:				<u> </u>						
Declared load profile		L		Water heating energy efficiency	ηwh	148	%			
Daily electricity consumption	Qelec	3.300	kW/h							
Annual electricity consumption	AEC	736	kW/h							
Contact details										

^(*) 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	nit:	PUZ-WM112VAA(-BS)						
		Indoor uni	t:	EHPT20X-**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	iter:			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	9.2	kW	Seasonal space heating	ηѕ	122	%			
Declared capacity for heating for pa	art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for			
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C		0,				
Tj = - 7 °C	Pdh	5.8	kW	Tj = - 7 °C	COPd	2.86	-			
Degradation co-efficient (**)	Cdh	0.99	-							
Tj = + 2 °C	Pdh	5.4	kW	Tj = + 2 °C	COPd	3.58	-			
Degradation co-efficient (**)	Cdh	0.99	-							
Tj = + 7 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	4.69	-			
Degradation co-efficient (**)	Cdh	0.98	_							
Tj = +12 °C	Pdh	4.6	kW		COPd	6.67	-			
Degradation co-efficient (**)	Cdh	0.97	_		00. 4	0.01				
Tj = bivalent temperature	Pdh	7.5	kW	Tj = bivalent temperature	COPd	1.92	_			
Tj = operation limit temperature	Pdh	7.5	kW	Tj = operation limit temperature	COPd	1.52	_			
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	8.8	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	2.21	_			
Bivalent temperature	Tbiv	-15	°C	Operation limit temperature	TOL	-20	°C			
Divalent temperature	TDIV	-13		Heating water operating limit			-			
				temperature	WTOL	60	°C			
Power consumption in modes other		ı		Supplementary heater		1				
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	9.2	kW			
Thermostat-off mode	P _{TO}	0.015	kW							
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode	P _{CK}	0.000	kW							
Other items						1				
Capacity control		variable	1	Rated air flow rate, outdoors	-	3170	m³/h			
Sound power level, indoors/outdoors	L_WA	40/60	dBA							
Annual energy consumption	Q_{HE}	6990	kWh							
For heat pump combination heater:										
Declared load profile		L		Water heating energy efficiency	ηwh	118	%			
Daily electricity consumption	Qelec	4.200	kW/h							
Annual electricity consumption	AEC	917	kW/h							
Contact details										

^(*) 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	nit:	PUZ-WM112VAA(-BS)						
		Indoor uni	t:	EHPT20X-**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	iter:			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	9.9	kW	Seasonal space heating	ηѕ	166	%			
Declared capacity for heating for pa	l art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for			
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C						
Tj = - 7 °C	Pdh	6.5	kW	Tj = - 7 °C	COPd	4.25	-			
Degradation co-efficient (**)	Cdh	0.99	-							
Tj = + 2 °C	Pdh	5.8	kW	Tj = + 2 °C	COPd	4.73	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = + 7 °C	Pdh	4.0	kW	Tj = + 7 °C	COPd	5.71	-			
Degradation co-efficient (**)	Cdh	0.97	-							
Tj = +12 °C	Pdh	4.7	kW		COPd	7.46	-			
Degradation co-efficient (**)	Cdh	0.97	_							
Tj = bivalent temperature	Pdh	9.4	kW	Tj = bivalent temperature	COPd	2.52	_			
Tj = operation limit temperature	Pdh	9.4	kW	Tj = operation limit temperature	COPd	2.52	_			
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	8.8	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	3.31	_			
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C			
Divaient temperature	TOIV	20		Heating water operating limit			_			
				temperature	WTOL	60	°C			
Power consumption in modes other		ı		Supplementary heater						
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	9.9	kW			
Thermostat-off mode	P _{TO}	0.015	kW							
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode	Рск	0.000	kW							
Other items	ı			П		1				
Capacity control		variable		Rated air flow rate, outdoors	-	3170	m³/h			
Sound power level, indoors/outdoors	L_WA	40/60	dBA							
Annual energy consumption	Q_{HE}	5528	kWh							
For heat pump combination heater:	1									
Declared load profile		L		Water heating energy efficiency	ηwh	118	%			
Daily electricity consumption	Qelec	4.200	kW/h							
Annual electricity consumption	AEC	917	kW/h							
Contact details										

^(*) 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.

Indoor unit	Model(s):		Outdoor u	ınit:	PUZ-WM112VAA(-BS)			
Water-to-water heat pump: no			Indoor un	it:	EHPT20X-**D			
Define to water heat pump:	Air-to-water heat pump:				yes			
Equipped with a supplementary heater: yes	Water-to-water heat pump:				no			
Equipped with a supplementary heater:	Brine-to-water heat pump:				no			
Heat pump combination heater: yes	Low-temperature heat pump:				no			
Parameters for	Equipped with a supplementary hea	iter:			yes			
Parameters for Warmer climate conditions.	Heat pump combination heater:				yes			
Item	Parameters for				medium-temperature application.			
Rated heat output (*)	Parameters for				warmer climate conditions.			
Natice neat output (*)	Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j T j = 7 °C Pdh J RW Degradation co-efficient (**) Cdh J T j = 7 °C COPd J But Degradation co-efficient (**) Cdh J Degradation co-efficient (**) Degradation co-efficient (**) Cdh J Degradation co-efficient (**) D	Rated heat output (*)	Prated	10.0	kW	1 1	ηs	152	%
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Declared capacity for heating for pa	ı art load a	t indoor		-	r primary e	nergy ratio	for
Degradation co-efficient (**) Cdh - - Tj = +2 °C Pdh 10.0 kW Tj = +2 °C COPd 1.81 - Degradation co-efficient (**) Cdh 0.99 - Tj = +7 °C Pdh 6.4 kW Tj = +7 °C COPd 3.09 - Tj = +12 °C COPd 3.09 - Tj = +12 °C COPd 3.09 - Tj = +12 °C COPd 5.64 - Degradation co-efficient (**) Cdh 0.98 - Tj = bivalent temperature Pdh 10.0 KW Tj = bivalent temperature COPd 1.81 - Tj = operation limit temperature Pdh 8.7 KW Tj = operation limit temperature COPd 1.53 - Tj = -15 °C (if TOL < -20 °C) Pdh - KW Tj = -15 °C (if TOL < -20 °C) Pdh - WTOL 60 °C Power consumption in modes other than active mode Off mode Porf 0.015 KW Themostat-off mode Pro 0.015 KW Standby mode Psa 0.015 KW Standby mode Pox 0.000 KW Crankcase heater mode Pox 0.000 KW Capacity control Sound power level, indoors/outdoors Capacity control Cond Capacity consumption Capacity co	temperature 20 °C and outdoor tem	perature	Тј		part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**) Cdh 0.99 $ Tj = +7 ^{\circ}C$ Pdh 6.4 4.4	Degradation co-efficient (**)	Cdh	-	-				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Tj = + 2 °C	Pdh	10.0	kW	Tj = + 2 °C	COPd	1.81	-
Degradation co-efficient (**) Cdh 0.99 Tj = +12 °C COPd 5.64 Degradation co-efficient (**) Cdh 0.98 Tj = bivalent temperature Pdh 10.0 KW Tj = bivalent temperature COPd 1.81 Tj = operation limit temperature Pdh 10.0 KW Tj = operation limit temperature COPd 1.81 Tj = operation limit temperature COPd 1.81 Tj = operation limit temperature COPd 1.81 COPd	Degradation co-efficient (**)	Cdh	0.99	-				
$Tj = +12 ^{\circ}C \qquad Pdh \qquad 4.4 \qquad kW \qquad Tj = +12 ^{\circ}C \qquad COPd \qquad 5.64 \qquad -$ $Degradation co-efficient (**) \qquad Cdh \qquad 0.98 \qquad -$ $Tj = bivalent temperature \qquad Pdh \qquad 10.0 \qquad kW \qquad Tj = bivalent temperature \qquad COPd \qquad 1.81 \qquad -$ $Tj = operation limit temperature \qquad Pdh \qquad 8.7 \qquad kW \qquad Tj = operation limit temperature \qquad COPd \qquad 1.53 \qquad -$ $Tj = -15 ^{\circ}C \text{ (if TOL} < -20 ^{\circ}C) \qquad Pdh \qquad - \qquad kW \qquad Tj = -15 ^{\circ}C \text{ (if TOL} < -20 ^{\circ}C) \qquad COPd \qquad - \qquad -$ $Bivalent temperature \qquad Tbiv \qquad 2 \qquad ^{\circ}C \qquad Operation limit temperature \qquad TOL \qquad -20 ^{\circ}C \qquad -$ $Power consumption in modes other than active mode \qquad PoFF \qquad 0.015 kW \qquad Tipe poration limit temperature \qquad VWTOL \qquad 60 ^{\circ}C \qquad -$ $Power consumption in modes other than active mode \qquad PoFF \qquad 0.015 kW \qquad Tipe poration limit temperature \qquad VWTOL \qquad 60 ^{\circ}C \qquad -$ $Supplementary heater \qquad -$ $Crankcase heater mode \qquad PoFF \qquad 0.0015 kW \qquad Type of energy input \qquad Electrical \qquad -$ $Crankcase heater mode \qquad PoFK \qquad 0.000 kW \qquad -$ $Copacity control \qquad Variable \qquad -$ $Sound power level, indoors/outdoors \qquad LwA \qquad 40/60 \qquad dBA \qquad Annual energy consumption \qquad Qetec \qquad 3.401 kWh \qquad -$ $Por heat pump combination heater: \qquad -$ $Declared load profile \qquad L \qquad Water heating energy efficiency \qquad pwh \qquad 161 \qquad \%$ $Annual electricity consumption \qquad Qetec \qquad 3.100 kW/h \qquad -$ $Annual electricity consumption \qquad AEC \qquad 674 kW/h \qquad -$	Tj = + 7 °C	Pdh	6.4	kW	Tj = + 7 °C	COPd	3.09	-
Degradation co-efficient (**) Tj = bivalent temperature Pdh 10.0 kW Tj = operation limit temperature Pdh 8.7 kW Tj = operation limit temperature COPd 1.81 - Tj = operation limit temperature COPd 1.53 - Tj = -15 °C (if TOL < -20 °C) Pdh - kW Bivalent temperature Tbiv Power consumption in modes other than active mode Off mode Off mode Poff Off mode Poff Cond temperature Power consumption in modes other than active mode Off mode Poff Cond temperature Poff Rated heat output (*) Power one active mode Cond temperature Power consumption in modes other than active mode Off mode Poff Oo.015 kW Thermostat-off mode Poff Oo.015 kW Type of energy input Electrical Cond cond make temperature Copd Cop	Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature Tj = operation limit temperature Pdh 8.7 kW Tj = operation limit temperature Tj = operation limit temperature Pdh 8.7 kW Tj = operation limit temperature CoPd 1.53 - Tj = -15 °C (if ToL < -20 °C) CoPd - Operation limit temperature ToL -20 °C NOTOL -20 °C Operation limit temperature ToL -20 °C Operation limit temperature ToL -20 °C NOTOL -20 °C Operation limit temperature ToL -	Tj = +12 °C	Pdh	4.4	kW	Tj = +12 °C	COPd	5.64	-
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Degradation co-efficient (**)	Cdh	0.98	-				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Tj = bivalent temperature	Pdh	10.0	kW	Tj = bivalent temperature	COPd	1.81	-
Bivalent temperature Tbiv 2 °C Operation limit temperature TOL 70 Fower consumption in modes other than active mode Off mode Poff Thermostat-off mode Standby mode Crankcase heater mode Other items Capacity control Sound power level, indoors/outdoors Annual energy consumption Annual electricity consumption Qelec Daily electricity consumption AEC Operation limit temperature TOL WTOL FOR Heating water operating limit temperature TOL WTOL FOR TOL -20 °C Poff Heating water operating limit temperature TOL WTOL FOR WTOL F	Tj = operation limit temperature	Pdh	8.7	kW	Tj = operation limit temperature	COPd	1.53	-
Power consumption in modes other than active mode Off mode Off mode Poff Off mode NW Type of energy input Electrical Electrical Poff Off mode Off mode NW Type of energy input Electrical Poff Off mode Off mode NW Type of energy input Electrical Poff Off mode Off mode NW Type of energy input Electrical Off mode Off mode NW Type of energy input Electrical Off mode Off mode NW Type of energy input Electrical Off mode Off mode NW Type of energy input Electrical Off energy input Electrical Off energy input Off energy input Off energy input Off energy input Off energy	Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Power consumption in modes other than active mode Off mode	Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C
Power consumption in modes other than active mode Off mode				I	' ' '	WTOL	60	°C
Off mode Poff 0.015 kW Thermostat-off mode Poff 0.015 kW Standby mode Poff 0.015 kW Type of energy input Electrical Crankcase heater mode Poff 0.000 kW Other items Capacity control variable Sound power level, indoors/outdoors Annual energy consumption Poff heat pump combination heater: Declared load profile L Daily electricity consumption Qelec 3.100 kW/h Annual electricity consumption AEC 674 kW/h Rated heat output (*) Psup 0.0 kW Type of energy input Electrical Electrical Electrical Water heating energy efficiency nwh 161 %	Power consumption in modes other	than act	ive mode		'		<u> </u>	
Thermostat-off mode Standby mode Crankcase heater mode P _{SB} 0.015 kW Type of energy input Electrical Other items Capacity control Sound power level, indoors/outdoors Annual energy consumption For heat pump combination heater: Declared load profile Daily electricity consumption Annual electricity consumption Qelec 3.100 kW Type of energy input Electrical Electrical Nated air flow rate, outdoors - 3170 M³/h Water heating energy efficiency Nate heating	·			kW		Psup	0.0	kW
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$								
Crankcase heater mode PCK O.000 kW Cher items Capacity control Sound power level, indoors/outdoors Annual energy consumption PCK O.000 kW Rated air flow rate, outdoors - 3170 m³/h Annual energy consumption Capacity control Sound power level, indoors/outdoors Annual energy consumption Capacity					Type of energy input			
Other items Capacity control variable Rated air flow rate, outdoors - 3170 m³/h Sound power level, indoors/outdoors L _{WA} 40/60 dBA Annual energy consumption Q _{HE} 3401 kWh For heat pump combination heater: Declared load profile L Water heating energy efficiency ηwh 161 % Daily electricity consumption Qelec 3.100 kW/h Annual electricity consumption AEC 674 kW/h					The state of the s		Electrical	
Capacity control Sound power level, indoors/outdoors Annual energy consumption Capacity control Sound power level, indoors/outdoors Annual energy consumption Capacity consu		- UK	1	L		<u> </u>		
Sound power level, indoors/outdoors Annual energy consumption QHE 3401 KWh For heat pump combination heater: Declared load profile Daily electricity consumption Qelec 3.100 KW/h Annual electricity consumption AEC 674 KW/h Annual electricity consumption			variable		Rated air flow rate, outdoors	-	3170	m³/h
Annual energy consumption Q _{HE} 3401 kWh For heat pump combination heater: Declared load profile L Daily electricity consumption Annual electricity consumption AEC 674 kW/h	Sound power level, indoors/outdoors	L _{WA}	40/60	dBA				
For heat pump combination heater: Declared load profile Daily electricity consumption Annual electricity consumption Qelec 3.100 kW/h Annual electricity consumption AEC 674 kW/h	•							
Declared load profile L Water heating energy efficiency ηwh 161 % Daily electricity consumption Annual electricity consumption AEC 674 kW/h		7112						
Daily electricity consumption Qelec 3.100 kW/h Annual electricity consumption AEC 674 kW/h			L		Water heating energy efficiency	ηwh	161	%
Annual electricity consumption AEC 674 kW/h	Daily electricity consumption	Qelec	3.100	kW/h		•		
			1		<u> </u>			

^(*) 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	nit:	PUZ-WM112VAA(-BS)						
		Indoor uni	t:	EHPT20X-**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	iter:			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	10.0	kW	Seasonal space heating	ηs	215	%			
Declared capacity for heating for pa	I art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for			
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C						
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-			
Degradation co-efficient (**)	Cdh	-	-							
Tj = + 2 °C	Pdh	10.0	kW	Tj = + 2 °C	COPd	3.30	-			
Degradation co-efficient (**)	Cdh	0.99	-							
Tj = + 7 °C	Pdh	6.4	kW	Tj = + 7 °C	COPd	4.73	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = +12 °C	Pdh	4.7	kW	Tj = +12 °C	COPd	7.12	-			
Degradation co-efficient (**)	Cdh	0.97	_							
Tj = bivalent temperature	Pdh	10.0	kW	Tj = bivalent temperature	COPd	3.30	-			
Tj = operation limit temperature	Pdh	8.7	kW	Tj = operation limit temperature	COPd	1.53	_			
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			
Dower consumption in modes other	than acti	ivo modo		temperature Supplementary heater	WIOL	00				
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	0.0	kW			
	P _{OFF}			Nated Heat Output ()	FSup	0.0	KVV			
Thermostat-off mode	P _{TO}	0.015	kW							
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode	Рск	0.000	kW							
Other items Capacity control		variable		Rated air flow rate, outdoors		3170	m³/h			
		40/60	4DA	Nated all flow rate, outdoors	-	3170	111 /11			
Sound power level, indoors/outdoors	L _{WA}		dBA							
Annual energy consumption	Q _{HE}	2394	kWh							
For heat pump combination heater:				<u> </u>						
Declared load profile		L		Water heating energy efficiency	ηwh	161	%			
Daily electricity consumption	Qelec	3.100	kW/h							
Annual electricity consumption	AEC	674	kW/h							
Contact details										

^(*) 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	nit:	PUZ-WM112VAA(-BS)						
		Indoor uni	t:	ERPT20X-**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	iter:			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	10.0	kW	Seasonal space heating	ηѕ	136	%			
Declared capacity for heating for pa	art load a	t indoor		energy efficiency Declared coefficient of performance of	r primary e	nergy ratio	for			
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C		•				
Tj = - 7 °C	Pdh	8.8	kW	Tj = - 7 °C	COPd	2.21	-			
Degradation co-efficient (**)	Cdh	0.99	-							
Tj = + 2 °C	Pdh	5.4	kW	Tj = + 2 °C	COPd	3.30	-			
Degradation co-efficient (**)	Cdh	0.99	-							
Tj = + 7 °C	Pdh	5.2	kW	Tj = + 7 °C	COPd	4.60	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = +12 °C	Pdh	4.7	kW		COPd	6.35	_			
Degradation co-efficient (**)	Cdh	0.98	_							
Tj = bivalent temperature	Pdh	8.8	kW	Tj = bivalent temperature	COPd	2.21	_			
Tj = operation limit temperature	Pdh	8.7	kW	Tj = operation limit temperature	COPd	1.60	_			
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			
bivaient temperature	TOIV	-1		Heating water operating limit			-			
				temperature	WTOL	60	°C			
Power consumption in modes other		ı		Supplementary heater		ı				
Off mode	P_{OFF}	0.015	kW	Rated heat output (*)	Psup	1.2	kW			
Thermostat-off mode	P _{TO}	0.015	kW							
Standby mode	P_{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode	P _{CK}	0.000	kW							
Other items				П		ı ı				
Capacity control		variable		Rated air flow rate, outdoors	-	3170	m³/h			
Sound power level, indoors/outdoors	L_WA	40/60	dBA							
Annual energy consumption	Q_{HE}	5905	kWh							
For heat pump combination heater:										
Declared load profile		L		Water heating energy efficiency	ηwh	148	%			
Daily electricity consumption	Qelec	3.300	kW/h							
Annual electricity consumption	AEC	736	kW/h							
Contact details										

^(*) 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-WM112VAA(-BS)						
		Indoor un	it:	ERPT20X-**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	iter:			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	10.0	kW	Seasonal space heating	ηs	195	%			
Declared capacity for heating for pa	l art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for			
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C		0,				
Tj = - 7 °C	Pdh	8.8	kW	Tj = - 7 °C	COPd	3.31	-			
Degradation co-efficient (**)	Cdh	0.99	-							
Tj = + 2 °C	Pdh	5.7	kW	Tj = + 2 °C	COPd	4.56	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = + 7 °C	Pdh	4.9	kW	Tj = + 7 °C	COPd	6.81	-			
Degradation co-efficient (**)	Cdh	0.97	-							
Tj = +12 °C	Pdh	4.6	kW	Tj = +12 °C	COPd	9.20	-			
Degradation co-efficient (**)	Cdh	0.97	-							
Tj = bivalent temperature	Pdh	8.9	kW	Tj = bivalent temperature	COPd	3.32	_			
Tj = operation limit temperature	Pdh	8.7	kW	Tj = operation limit temperature	COPd	1.60	-			
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			
Dower consumption in modes other	than acti	ivo modo		temperature Supplementary heater	WIOL	00				
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	1.1	kW			
	P _{OFF}			Kated Heat Output ()	FSup	1.1	KVV			
Thermostat-off mode	P _{TO}	0.015	kW							
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode	Рск	0.000	kW							
Other items Capacity control		variable		Rated air flow rate, outdoors		3170	m ³ /h			
,		40/60	-IDA	Rated all flow fate, outdoors	-	3170	111 /11			
Sound power level, indoors/outdoors	L _{WA}		dBA							
Annual energy consumption	Q _{HE}	4145	kWh							
For heat pump combination heater:				<u> </u>						
Declared load profile		L		Water heating energy efficiency	ηwh	148	%			
Daily electricity consumption	Qelec	3.300	kW/h							
Annual electricity consumption	AEC	736	kW/h							
Contact details										

^(*) 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-WM112VAA(-BS)						
		Indoor uni	it:	ERPT20X-**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	9.2	kW	Seasonal space heating	ηѕ	124	%			
Declared capacity for heating for pa	I art load a	t indoor		energy efficiency Declared coefficient of performance of	or primary e	nergy ratio	for			
temperature 20 °C and outdoor tem				part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj			
Tj = - 7 °C	Pdh	5.8	kW	Tj = - 7 °C	COPd	2.86	-			
Degradation co-efficient (**)	Cdh	0.99	-							
Tj = + 2 °C	Pdh	5.4	kW	Tj = + 2 °C	COPd	3.58	-			
Degradation co-efficient (**)	Cdh	0.99	-							
Tj = + 7 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	4.69	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = +12 °C	Pdh	4.6	kW	Tj = +12 °C	COPd	6.67	-			
Degradation co-efficient (**)	Cdh	0.97	-							
Tj = bivalent temperature	Pdh	7.5	kW	Tj = bivalent temperature	COPd	1.92	-			
Tj = operation limit temperature	Pdh	7.5	kW	Tj = operation limit temperature	COPd	1.52	_			
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	8.8	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	2.21	-			
Bivalent temperature	Tbiv	-15	°C	Operation limit temperature	TOL	-20	°C			
				Heating water operating limit	WTOL	60	°C			
Dower consumption in modes other	than acti	ivo modo		temperature Supplementary heater	WIOL	00				
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	9.2	kW			
	P _{OFF}			Kated Heat Output ()	Psup	9.2	KVV			
Thermostat-off mode	P _{TO}	0.015	kW	Towns of second based						
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode Other items	Рск	0.000	kW							
Capacity control		variable		Rated air flow rate, outdoors		3170	m³/h			
,		40/60	4DA	Nated all flow fate, outdoors	-	3170	111 /11			
Sound power level, indoors/outdoors	L _{WA}		dBA							
Annual energy consumption	Q _{HE}	6990	kWh							
For heat pump combination heater:				<u> </u>		.,.				
Declared load profile		L		Water heating energy efficiency	ηwh	118	%			
Daily electricity consumption	Qelec	4.200	kW/h							
Annual electricity consumption	AEC	917	kW/h							
Contact details										

^(*) 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	nit:	PUZ-WM112VAA(-BS)						
		Indoor uni	t:	ERPT20X-**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	9.9	kW	Seasonal space heating energy efficiency	ηѕ	169	%			
Declared capacity for heating for pa	I art load a	t indoor		Declared coefficient of performance of	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	6.5	kW	Tj = - 7 °C	COPd	4.25	-			
Degradation co-efficient (**)	Cdh	0.99	-							
Tj = + 2 °C	Pdh	5.8	kW	Tj = + 2 °C	COPd	4.73	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = + 7 °C	Pdh	4.0	kW	Tj = + 7 °C	COPd	5.71	-			
Degradation co-efficient (**)	Cdh	0.97	-							
Tj = +12 °C	Pdh	4.7	kW	Tj = +12 °C	COPd	7.46	-			
Degradation co-efficient (**)	Cdh	0.97	-							
Tj = bivalent temperature	Pdh	9.4	kW	Tj = bivalent temperature	COPd	2.52	-			
Tj = operation limit temperature	Pdh	9.4	kW	Tj = operation limit temperature	COPd	2.52	-			
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	8.8	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	3.31	-			
Bivalent temperature	Tbiv	-20	°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	WIGE	00				
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	9.9	kW			
Thermostat-off mode	P _{TO}	0.015	kW	Trated float suspent ()	· oup	0.0				
Standby mode	P _{SB}	0.015	kW	Type of energy input						
Crankcase heater mode	P _{CK}	0.000	kW	Type or energy input		Electrical				
Other items	' CK	0.000	KVV							
Capacity control		variable		Rated air flow rate, outdoors	_	3170	m³/h			
Sound power level, indoors/outdoors	L _{WA}	40/60	dBA				,			
Annual energy consumption	Q_{HE}	5528	kWh							
For heat pump combination heater:		0020	174411							
Declared load profile				Water heating energy efficiency	ηwh	118	%			
·				The state of the s	HVVII	110	/0			
Daily electricity consumption	Qelec	4.200	kW/h							
Annual electricity consumption	AEC	917	kW/h							
Contact details										

^(*) 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:	Model(s):		Outdoor u	ınit:	PUZ-WM112VAA(-BS)			
Mater-to-water heat pump: no			Indoor un	it:	ERPT20X-**D			
Entire-to-water heat pump: no	Air-to-water heat pump:				yes			
Equipped with a supplementary heater:	Water-to-water heat pump:				no			
Heat pump combination heater: yes	Brine-to-water heat pump:				no			
Heat pump combination heater: yes	Low-temperature heat pump:				no			
Parameters for summedium-temperature application. Rated heat output (')	Equipped with a supplementary hea	iter:			yes			
Rated heat output (**)	Heat pump combination heater:				yes			
Item	Parameters for				medium-temperature application.			
Rated heat output (*)	Parameters for				warmer climate conditions.			
Nated neat output (*)	Item	Symbol	Value	Unit	ltem	Symbol	Value	Unit
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature 7 j	Rated heat output (*)	Prated	10.0	kW		ηs	154	%
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Declared capacity for heating for pa	art load a	t indoor		-	r primary e	nergy ratio	for
Degradation co-efficient (**) Cdh - - Tj = +2 °C Pdh 10.0 KW Tj = +2 °C COPd 1.81 - Degradation co-efficient (**) Cdh 0.99 - Tj = +7 °C Degradation co-efficient (**) Cdh 0.99 - Tj = +7 °C COPd 3.09 - Tj = +12 °C COPd 3.09 - Tj = +12 °C COPd 3.09 - Tj = +12 °C COPd 5.64 - Degradation co-efficient (**) Cdh 0.98 - Tj = bivalent temperature Pdh 10.0 KW Tj = bivalent temperature COPd 1.81 - Tj = operation limit temperature COPd 1.53 - Tj = -15 °C (if TOL < -20 °C) Pdh - KW Tj = -15 °C (if TOL < -20 °C) COPd - - Dewer consumption in modes other than active mode Core core deating limit temperature COPd Core core deating limit temperature TOL COPd	temperature 20 °C and outdoor tem	perature	Тj	•	part load at indoor temperature 20 °C	and outdo	or tempera	ture Tj
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**) Cdh 0.99 - Tj = +7 °C COPd 3.09 - Degradation co-efficient (**) Cdh 0.99 - Degradation co-efficient (**) Cdh 0.99 - Tj = +12 °C COPd 5.64 - Degradation co-efficient (**) Cdh 0.98 - Degradation co-efficient (**) Cdh 0.98 - Tj = +12 °C COPd 5.64 - Degradation co-efficient (**) Cdh 0.98 - Tj = bivalent temperature Pdh 10.0 kW Tj = bivalent temperature COPd 1.81 - Tj = operation limit temperature Pdh 8.7 kW Tj = operation limit temperature COPd 1.53 - Tj = -15 °C (if TOL < - 20 °C) Pdh - kW Tj = -15 °C (if TOL < - 20 °C) COPd Operation limit temperature TOL -20 °C Pdheating water operating limit temperature TOL -20 °C Pdheating water operating limit temperature TOL -20 °C Pdheating water operating limit temperature Pdheating water operating limit temperature Pdheating water operating limit temperature TOL -20 °C Pdheating water operating limit temperature Pdheating water operating limit temperature Pdheating water operating limit temperature TOL -20 °C Pdheating water operating limit temperature Pdheating water operating limit temperature TOL -20 °C Pdheating water operating limit temperature Pdheating water operating limit temperature TOL -20 °C Pdheating water operating limit temperature Pdheating water operating limit temperature TOL -20 °C Pdheating water operating limit temperature Pdheating water operating limit temperature TOL -20 °C Pdheating water operating limit temperature TOL -20 °C Pdheating water operating limit temperature TOL -20 °C Pdheating water operating limit temperature Pdheating water operating limit temperature TOL -20 °C Pdh	Degradation co-efficient (**)	Cdh	-	-				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Tj = + 2 °C	Pdh	10.0	kW	Tj = + 2 °C	COPd	1.81	-
Degradation co-efficient (**) Cdh 0.99 - Tj = +12 °C COPd 5.64 - Tj = +12 °C Pdh 4.4 kW Tj = +12 °C COPd 5.64 - Degradation co-efficient (**) Cdh 0.98 - Tj = bivalent temperature COPd 1.81 - Tj = bivalent temperature Pdh 8.7 kW Tj = operation limit temperature COPd 1.53 - Tj = -15 °C (if TOL < - 20 °C)	Degradation co-efficient (**)	Cdh	0.99	-				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Tj = + 7 °C	Pdh	6.4	kW	Tj = + 7 °C	COPd	3.09	-
Degradation co-efficient (**) Tj = bivalent temperature Pdh 10.0 kW Tj = poperation limit temperature Pdh 8.7 kW Tj = operation limit temperature COPd 1.81 - Tj = operation limit temperature COPd 1.53 - Tj = -15 °C (if TOL < -20 °C) Pdh - kW Tj = operation limit temperature COPd 1.53 - Tj = -15 °C (if TOL < -20 °C) COPd - Operation limit temperature ToL -20 °C Operation limit temperature ToL -20 °C Power consumption in modes other than active mode Off mode Off mode Poff Poff 0.015 kW Thermostat-off mode Pok Tolou0.015 kW Type of energy input Electrical Copacity control Supplementary heater Copacity control Variable Capacity control Sound power level, indoors/outdoors LwA Annual energy consumption Qhe 3401 kWh For heat pump combination heater: Declared load profile L Daily electricity consumption Qelec 3.100 kW/h KW/h Annual electricity consumption AEC Copacity consumption AEC Copacity consumption Copacity copacity consumption Copacity co	Degradation co-efficient (**)	Cdh	0.99	-				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Tj = +12 °C	Pdh	4.4	kW	Tj = +12 °C	COPd	5.64	-
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Degradation co-efficient (**)	Cdh	0.98	-				
Tj = -15 °C (if TOL < - 20 °C) Pdh	Tj = bivalent temperature	Pdh	10.0	kW	Tj = bivalent temperature	COPd	1.81	-
Bivalent temperature Tbiv Declared load profile Tbiv Declared load profile ToL Power consumption in modes other than active mode Toff mode Power consumption in modes other than active mode Power consumption in modes other than active mode Supplementary heater Rated heat output (*) Psup Do.0 kW Type of energy input Electrical Rated air flow rate, outdoors Power load and profile L Daily electricity consumption Qelec 3.100 AEC Operation limit temperature ToL Depart of energy input Rated heat output (*) Psup Do.0 kW Type of energy input Electrical Fatted air flow rate, outdoors - 3170 M³/h Water heating energy efficiency Tok WTOL WTOL Box Variable Rated air flow rate, outdoors - 3170 M³/h Water heating energy efficiency Tok WTOL Power Power Power Power Power Power Power Power Power Author Au	Tj = operation limit temperature	Pdh	8.7	kW	Tj = operation limit temperature	COPd	1.53	-
Power consumption in modes other than active mode Off mode Poff 0.015 kW Thermostat-off mode PSB 0.015 kW Standby mode PSB 0.000 kW Crankcase heater mode PCK 0.000 kW Other items Capacity control Sound power level, indoors/outdoors Annual energy consumption Por heat pump combination heater: Declared load profile L Daily electricity consumption Qelec 3.100 kW/h Annual electricity consumption AEC 674 kW/h	Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Power consumption in modes other than active mode Off mode Off mode Poff Nount pode Nount pod	Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C
Power consumption in modes other than active mode Off mode				I		WTOL	60	°C
Off mode	Power consumption in modes other	than act	ive mode		'			
Thermostat-off mode Standby mode PSB 0.015 kW Type of energy input Electrical Other items Capacity control Variable Sound power level, indoors/outdoors Annual energy consumption QHE 3401 kWh For heat pump combination heater: Declared load profile L Water heating energy efficiency NWh 161 % Annual electricity consumption Qelec 3.100 kW/h Annual electricity consumption AEC 674 kW/h	·			kW		Psup	0.0	kW
Standby mode Crankcase heater mode PSB Q.015 kW Type of energy input Electrical Other items Capacity control variable Sound power level, indoors/outdoors Annual energy consumption AEC 674 kW/h Standby mode PSB Q.015 kW Type of energy input Electrical May Myh Salted air flow rate, outdoors - 3170 m³/h Whater heating energy efficiency nyh 161 % Electrical Electrical					T ()			
Crankcase heater mode PCK O.000 kW Other items Capacity control Sound power level, indoors/outdoors Annual energy consumption PCK O.000 kW Rated air flow rate, outdoors - 3170 m³/h Maked air flow rate, outdoors - 3170 m³/h Whater heating energy efficiency PCK O.000 kW Water heating energy efficiency Named air flow rate, outdoors - 3170 m³/h Water heating energy efficiency Named air flow rate, outdoors - 3170 m³/h Water heating energy efficiency Named air flow rate, outdoors - 3170 m³/h Water heating energy efficiency Named air flow rate, outdoors - 3170 m³/h Water heating energy efficiency Named air flow rate, outdoors - 3170 m³/h Water heating energy efficiency Named air flow rate, outdoors - 3170 m³/h Water heating energy efficiency Named air flow rate, outdoors - 3170 m³/h Water heating energy efficiency Named air flow rate, outdoors - 3170 m³/h Maker heating energy efficiency Named air flow rate, outdoors - 3170 m³/h Maker heating energy efficiency Named air flow rate, outdoors - 3170 m³/h Maker heating energy efficiency Named air flow rate, outdoors - 3170 m³/h Maker heating energy efficiency Named air flow rate, outdoors - 3170 m³/h Maker heating energy efficiency Named air flow rate, outdoors - 3170 m³/h Maker heating energy efficiency Named air flow rate, outdoors - 3170 m³/h Maker heating energy efficiency Named air flow rate, outdoors - 3170 m³/h Maker heating energy efficiency Named air flow rate, outdoors - 3170 m³/h Maker heating energy efficiency Named air flow rate, outdoors - 3170 m³/h Maker heating energy efficiency Named air flow rate, outdoors - 3170 m³/h Maker heating energy efficiency Named air flow rate, outdoors - 3170 m³/h Maker heating energy efficiency Named air flow rate, outdoors - 3170 m³/h Maker heating energy efficiency Named air flow rate, outdoors - 3170 m³/h Maker heating energy efficiency Named air flow rate, outdoors - 3170 m²/h Maker heating energy efficiency Named air flow rate, outdoors - 3					Type of energy input			
Capacity control variable Rated air flow rate, outdoors - 3170 m³/h Sound power level, indoors/outdoors L _{WA} 40/60 dBA Annual energy consumption Q _{HE} 3401 kWh For heat pump combination heater: Declared load profile L Daily electricity consumption Qelec 3.100 kW/h Annual electricity consumption AEC 674 kW/h					Type or snergy input		Electrical	
Capacity control Sound power level, indoors/outdoors Annual energy consumption Declared load profile Daily electricity consumption Variable Variable LWA 40/60 dBA kWh Rated air flow rate, outdoors - 3170 m³/h KWh Water heating energy efficiency NWh Annual electricity consumption AEC 674 KW/h Rated air flow rate, outdoors - 3170 m³/h Water heating energy efficiency NWh AFC 674 KW/h		- UK	1	L		<u> </u>		
Sound power level, indoors/outdoors Annual energy consumption QHE 3401 kWh For heat pump combination heater: Declared load profile Daily electricity consumption Qelec 3.100 kW/h Annual electricity consumption AEC 674 kW/h			variable		Rated air flow rate, outdoors	-	3170	m ³ /h
Annual energy consumption Q _{HE} 3401 kWh For heat pump combination heater: Declared load profile Daily electricity consumption Qelec 3.100 kW/h Annual electricity consumption AEC 674 kW/h	Sound power level, indoors/outdoors	L _{WA}	40/60	dBA				
For heat pump combination heater: Declared load profile Daily electricity consumption Annual electricity consumption AEC 674 kW/h Water heating energy efficiency nwh 161 % Water heating energy efficiency nwh 161 %	•							
Declared load profile L Daily electricity consumption Annual electricity consumption AEC Annual electricity consumption AEC Building energy efficiency AW/h Water heating energy efficiency NW/h NW/h								
Daily electricity consumption Qelec 3.100 kW/h Annual electricity consumption AEC 674 kW/h			L		Water heating energy efficiency	ηwh	161	%
Annual electricity consumption AEC 674 kW/h	Daily electricity consumption	Qelec	3.100	kW/h		-		
			1					

^(*) 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	nit:	PUZ-WM112VAA(-BS)						
		Indoor uni	t:	ERPT20X-**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	iter:			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	10.0	kW	Seasonal space heating energy efficiency	ηѕ	220	%			
Declared capacity for heating for pa	I art load a	t indoor		Declared coefficient of performance of	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	-	kW	Tj = - 7 °C	COPd	-	-			
Degradation co-efficient (**)	Cdh	-	-							
Tj = + 2 °C	Pdh	10.0	kW	Tj = + 2 °C	COPd	3.30	-			
Degradation co-efficient (**)	Cdh	0.99	-							
Tj = + 7 °C	Pdh	6.4	kW	Tj = + 7 °C	COPd	4.73	-			
Degradation co-efficient (**)	Cdh	0.98	-							
Tj = +12 °C	Pdh	4.7	kW	Tj = +12 °C	COPd	7.12	-			
Degradation co-efficient (**)	Cdh	0.97	_							
Tj = bivalent temperature	Pdh	10.0	kW	Tj = bivalent temperature	COPd	3.30	-			
Tj = operation limit temperature	Pdh	8.7	kW	Tj = operation limit temperature	COPd	1.53	_			
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			
Dower consumption in modes other	than acti	ivo modo		temperature Supplementary heater	WIOL	00				
Power consumption in modes other Off mode		0.015	kW	Rated heat output (*)	Psup	0.0	kW			
	P _{OFF}			Nated Heat Output ()	FSup	0.0	KVV			
Thermostat-off mode	P _{TO}	0.015	kW							
Standby mode	P _{SB}	0.015	kW	Type of energy input		Electrical				
Crankcase heater mode Other items	Рск	0.000	kW							
Capacity control		variable		Rated air flow rate, outdoors		3170	m³/h			
		40/60	4DA	Nated all flow rate, outdoors	-	3170	111 /11			
Sound power level, indoors/outdoors	L _{WA}		dBA							
Annual energy consumption	Q _{HE}	2394	kWh							
For heat pump combination heater:				<u> </u>						
Declared load profile		L		Water heating energy efficiency	ηwh	161	%			
Daily electricity consumption	Qelec	3.100	kW/h							
Annual electricity consumption	AEC	674	kW/h							
Contact details										

^(*) 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.