



ENERG

енергия · ενεργεια



Indoor unit
Outdoor unit

E*SE-**D
PUHZ-SW200YKA(-BS)



55 °C

35 °C



A⁺⁺

A⁺⁺



44 dB



78 dB

■ 11
■ **16**
■ 16
kW

■ 14
■ **17**
■ 17
kW



2019

811/2013

BH79V004H45

Mitsubishi Electric ErP Directive Related Product Information: erp.mitsubishielectric.eu/erp

		For medium-temperature application.																							For low-temperature application.																							
1	2	3	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					
Outdoor unit	Indoor unit	Medium-temperature application		Seasonal space heating energy efficiency class	Water heating energy efficiency class	Rated heat output under average climate conditions		For space heating, annual energy consumption under average climate conditions		For water heating, annual energy consumption under average climate conditions		Seasonal space heating energy efficiency under average climate conditions		Water heating energy efficiency under average climate conditions		Sound power level $L_{w, indoor}$		Work only during off-peak hours		Rated heat output under colder climate conditions		Rated heat output under warmer climate conditions		For space heating, annual energy consumption under colder climate conditions		For space heating, annual energy consumption under warmer climate conditions		For water heating, annual energy consumption under colder climate conditions		For water heating, annual energy consumption under warmer climate conditions		Seasonal space heating energy efficiency under colder climate conditions		Seasonal space heating energy efficiency under warmer climate conditions		Water heating energy efficiency under colder climate conditions		Water heating energy efficiency under warmer climate conditions		Sound power level $L_{w, outdoor}$								
		kW	kWh			kWh	%	%	dB	kW	kWh	kWh	kWh	kWh	%	%	%	%	dB	kW	kWh	kWh	kWh	kWh	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	dB						
PUHZ-SW50VKA(-BS)	EHST20D-***C2	✓	A++	A+	4.3	2669	740	125	146	40	-	4.0	4.3	3614	1378	878	643	101	157	122	168	63	✓	A++	A+	4.5	2138	740	163	146	40	-	4.2	4.5	2709	1095	878	643	141	207	122	168	63					
	ERST20D-***C2	✓	A++	A+	4.3	2669	740	128	146	40	-	4.0	4.3	3614	1378	878	643	103	161	122	168	63	✓	A++	A+	4.5	2138	740	167	146	40	-	4.2	4.5	2709	1095	878	643	145	214	122	168	63					
	EHST20D-***C(W)	✓	A++	A	4.3	2669	1112	125	98	40	-	4.0	4.3	3614	1378	1373	1034	101	157	80	105	63	✓	A++	A	4.5	2138	1112	163	98	40	-	4.2	4.5	2709	1095	1373	1034	141	207	80	105	63					
	ERST20D-***C(W)	✓	A++	A	4.3	2669	1112	128	98	40	-	4.0	4.3	3614	1378	1373	1034	103	161	80	105	63	✓	A++	A	4.5	2138	1112	167	98	40	-	4.2	4.5	2709	1095	1373	1034	145	214	80	105	63					
	EHSD-***C	✓	A++	-	4.3	2669	-	125	-	40	-	4.0	4.3	3614	1378	-	-	101	157	-	-	63	✓	A++	-	4.5	2138	-	163	-	40	-	4.2	4.5	2709	1095	-	-	141	207	-	-	63					
PUHZ-SW75VHA(-BS)	EHSD-***C	✓	A++	-	4.3	2669	-	128	-	40	-	4.0	4.3	3614	1378	-	-	103	161	-	-	63	✓	A++	-	4.5	2138	-	167	-	40	-	4.2	4.5	2709	1095	-	-	145	214	-	-	63					
	EHST20C-***C(W)	✓	A++	A	7.1	4403	1050	127	103	40	-	6.3	7.1	5967	2389	1360	1055	100	153	80	112	68	✓	A++	A	7.2	3449	1050	165	103	40	-	6.4	7.2	4379	1596	1360	1055	139	231	80	112	68					
	ERST20C-***C(W)	✓	A++	A	7.1	4403	1050	129	103	40	-	6.3	7.1	5967	2389	1360	1055	101	155	80	112	68	✓	A++	A	7.2	3449	1050	167	103	40	-	6.4	7.2	4379	1596	1360	1055	141	236	80	112	68					
	EHSC-***C	✓	A++	-	7.1	4403	-	127	-	40	-	6.3	7.1	5967	2389	-	-	100	153	-	-	68	✓	A++	-	7.2	3449	-	165	-	40	-	6.4	7.2	4379	1596	-	-	139	231	-	-	68					
	ERSC-***C	✓	A++	-	7.1	4403	-	129	-	40	-	6.3	7.1	5967	2389	-	-	101	155	-	-	68	✓	A++	-	7.2	3449	-	167	-	40	-	6.4	7.2	4379	1596	-	-	141	236	-	-	68					
PUHZ-SW100VHA(-BS)	EHST20D-***C2	✓	A++	A+	7.1	4403	766	127	141	40	-	6.3	7.1	6048	2409	880	643	99	153	122	168	68	✓	A++	A+	7.2	3475	766	164	141	40	-	6.4	7.2	4463	1616	880	643	137	231	122	168	68					
	ERST20D-***C2	✓	A++	A+	7.1	4403	766	129	141	40	-	6.3	7.1	6048	2409	880	643	101	155	122	168	68	✓	A++	A+	7.2	3475	766	167	141	40	-	6.4	7.2	4463	1616	880	643	141	236	122	168	68					
	EHST20D-***C(W)	✓	A++	A	7.1	4403	1086	127	100	40	-	6.3	7.1	6048	2409	1377	1005	99	153	80	110	68	✓	A++	A	7.2	3475	1086	164	100	40	-	6.4	7.2	4463	1616	1377	1005	137	231	80	110	68					
	ERST20D-***C(W)	✓	A++	A	7.1	4403	1086	129	100	40	-	6.3	7.1	6048	2409	1377	1005	101	155	80	110	68	✓	A++	A	7.2	3475	1086	167	100	40	-	6.4	7.2	4463	1616	1377	1005	141	236	80	110	68					
	EHSD-***C	✓	A++	-	7.1	4403	-	127	-	40	-	6.3	7.1	6048	2409	-	-	99	153	-	-	68	✓	A++	-	7.2	3475	-	164	-	40	-	6.4	7.2	4463	1616	-	-	137	231	-	-	68					
PUHZ-SW100YHA(-BS)	EHSD-***C	✓	A++	-	7.1	4403	-	129	-	40	-	6.3	7.1	6048	2409	-	-	101	155	-	-	68	✓	A++	-	7.2	3475	-	167	-	40	-	6.4	7.2	4463	1616	-	-	141	236	-	-	68					
	EHST20C-***C(W)	✓	A++	A	10.0	6331	1044	125	103	40	-	6.9	10.0	6129	3454	1330	973	106	149	82	113	70	✓	A++	A	10.4	5027	1044	164	103	40	-	7.2	10.4	4851	2502	1330	973	140	214	82	113	70					
	ERST20C-***C(W)	✓	A++	A	10.0	6331	1044	127	103	40	-	6.9	10.0	6129	3454	1330	973	107	152	82	113	70	✓	A++	A	10.4	5027	1044	166	103	40	-	7.2	10.4	4851	2502	1330	973	143	219	82	113	70					
	EHSC-***C	✓	A++	-	10.0	6331	-	125	-	40	-	6.9	10.0	6129	3454	-	-	106	149	-	-	70	✓	A++	-	10.4	5027	-	164	-	40	-	7.2	10.4	4851	2502	-	-	140	214	-	-	70					
	ERSC-***C	✓	A++	-	10.0	6331	-	127	-	40	-	6.9	10.0	6129	3454	-	-	107	152	-	-	70	✓	A++	-	10.4	5027	-	166	-	40	-	7.2	10.4	4851	2502	-	-	143	219	-	-	70					
PUHZ-SW120VHA(-BS)	EHST20C-***C(W)	✓	A++	A	12.0	7572	1109	125	99	40	-	8.1	12.0	8583	3958	1342	1053	110	157	82	104	72	✓	A++	A	12.9	6303	1109	162	99	40	-	8.4	12.9	5876	3006	1342	1053	136	222	82	104	72					
	ERST20C-***C(W)	✓	A++	A	12.0	7572	1109	127	99	40	-	8.1	12.0	8583	3958	1342	1053	112	159	82	104	72	✓	A++	A	12.9	6303	1109	164	99	40	-	8.4	12.9	5876	3006	1342	1053	139	226	82	104	72					
	EHSC-***C	✓	A++	-	12.0	7572	-	125	-	40	-	8.1	12.0	8583	3958	-	-	110	157	-	-	72	✓	A++	-	12.9	6303	-	162	-	40	-	8.4	12.9	5876	3006	-	-	136	222	-	-	72					
	ERST-***C	✓	A++	-	12.0	7572	-	127	-	40	-	8.1	12.0	8583	3958	-	-	112	159	-	-	72	✓	A++	-	12.9	6303	-	164	-	40	-	8.4	12.9	5876	3006	-	-	139	226	-	-	72					
	EHST20C-***D	✓	A++	A+	12.0	7572	788	125	138	40	-	8.1	12.0	8583	3958	909	680	110	157	119	160	72	✓	A++	A+	12.9	6303	788	162	138	40	-	8.4	12.9	5876	3006	909	680	136	222	119	160	72					
PUHZ-SW120YHA(-BS)	ERST20C-***D	✓	A++	A+	12.0	7572	788	127	138	40	-	8.1	12.0	8583	3958	909	680	112	159	119	160	72	✓	A++	A+	12.9	6303	788	164	138	40	-	8.4	12.9	5876	3006	909	680	139	226	119	160	72					
	EHST30C-***D	✓	A++	A	12.0	7572	1476	125	118	40	-	8.1	12.0	8583	3958	1901	1379	110	157	91	126	72	✓	A++	A	12.9	6303	1476	162	118	40	-	8.4	12.9	5876	3006	1901	1379	136	222	91	126	72					
	ERST30C-***D	✓	A++	A	12.0	7572	1476	127	118	40	-	8.1	12.0	8583	3958	1901	1379	112	159	91	126	72	✓	A++	A	12.9	6303	1476	164	118	40	-	8.4	12.9	5876	3006	1901	1379	139	226	91	126	72					
	EHSC-***D	✓	A++	-	12.0	7572	-	125	-	40	-	8.1	12.0	8583</																																		

	English	Deutsch	Français	Italiano	Español
	Nederlands	Svenska	Dansk	Português	Ελληνικά
	suomi	Čeština	Български	Polski	
1	Outdoor unit	Außengerät	unité extérieure	unità esterna	υπὸθετὸν ἐξωτερικὸν
	Ulkoyksikkö	Utläsnenhet	Utdensers enhed	unidade exterior	Εξωτερικὸν μονάδα
	Indoor unit	Vekotimi / Jäähdytys	Внутреннее устройство	jednostka zewnętrzna	-
2	blumenunt	Innenkühlgerät	unité intérieure	unità interna	υπὸθετὸν ἐντὸς
	Blumenunterkühlung	Väntti / Jäähdytys	Внутреннее устройство	jednostka wewnętrzna	-
	Medium-temperature application	Mitteltemperaturanwendung	Application à moyenne température	le applicazioni a media temperatura	la aplicación de media temperatura
3	middeltemperatuur-toepassing	mediumtemperatureapplication	middletemperatuurtoepassing	a aplicação a media temperatura	η εφαρμογή σε μέση θερμοκρασία
	Kestämättömyyden sovellus	strichtherapien applikace	среднетемпературного приложения	zastosowania w średnich temperaturach	-
4	Low temperature application	Niedertemperaturanwendung	Application à basse température	le applicazioni a bassa temperatura	la aplicación de baja temperatura
	lagedtemperatuur-toepassing	lagertemperatuurapplicatie	Application à basse température	zastosowania w niskich temperaturach	η εφαρμογή σε χαμηλή θερμοκρασία
	metalahtamattömyyden sovellus	nizkotepłoty aplikacje	низкотемпературны приложения	a zastosowania w niskich temperaturach	-
5	Seasonal space heating energy efficiency class	die Klasse für die jahreszeitbedingte Raumheizungs-Energieeffizienz	la classe d'efficacité énergétique saisonnière pour le chauffage des locaux	la classe di efficienza energetica stagionale del riscaldamento d'ambiente	la clase de eficiencia energética estacional de calefacción en condiciones climáticas más frías
	de seizoensgebonden energie-efficiëntieklassen voor ruimteverwarming	seizoensoverlopende energieefficiëntieklasse v.d. ruimteverwarming	klassen for årstidsklimaet ved varmerummet	A classe de eficiência energética do aquecimento ambiente sazonal	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	Utläsningsklassen kassitettien energiatuokaluissa	Utläsningsklassen kassitettien energiatuokaluissa	klassen for årstidsklimaet ved varmerummet	la classe de efficacité énergétique du chauffage de l'eau	la clase de eficiencia energética del calentamiento de agua
6	Water heating energy efficiency class	die Klasse für die Warmwasserbereitungs-Energieeffizienz	la classe d'efficacité énergétique pour le chauffage de l'eau	A classe de eficiencia energética del calentamiento de agua	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	de energie-efficiëntie voor waterverwarming	die Energieeffizienz der Warmwasserbereitungs-Energieeffizienz	klassen for årstidsklimaet ved varmerummet	la classe de eficiencia energética del calentamiento de agua	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	Utläsningsklassen energiatuokaluissa	Utläsningsklassen energiatuokaluissa	klassen for årstidsklimaet ved varmerummet	la classe de efficacité énergétique du chauffage de l'eau	la clase de eficiencia energética del calentamiento de agua
7	Rated heat output under average climate conditions	die Wärmeleistung bei durchschnittlichen Klimaverhältnissen	la puissance thermique nominale dans les conditions climatiques moyennes	la potencia térmica nominal en condiciones climáticas medias	η ονομαστική θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	de nominale warmteafgifte (onder gemiddelde klimaatsomstandigheden)	Die nominale Äußerung der Wärmeleistung (unter gemessenen Klimaverhältnissen)	la puissance thermique nominale dans les conditions climatiques moyennes	A potencia calorífica nominal en condiciones climáticas medias	η ονομαστική θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	Utläsningskapacitet (förklimatiserade läsningsförhållanden)	Utläsningskapacitet (förklimatiserade läsningsförhållanden)	la puissance thermique nominale dans les conditions climatiques moyennes	la potencia calorífica nominal en condiciones climáticas medias	η ονομαστική θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
8	For space heating, annual energy consumption under average climate conditions	für die Raumheizung, den jährlichen Energieverbrauch bei durchschnittlichen Klimaverhältnissen	pour le chauffage des locaux, la consommation annuelle d'énergie (dans les conditions climatiques moyennes)	per il riscaldamento d'ambiente, il consumo annuo di energia (in condizioni climatiche medie)	para calefatar espacios, el consumo anual de energía en condiciones climáticas medias
	voor ruimteverwarming, het jaarlijkse energieverbruik (onder gemiddelde klimaatsomstandigheden)	Für Raumheizung, Äußerung der Wärmeleistung (unter gemessenen Klimaverhältnissen)	for rumopvarmning, årlig energiforbrug (under gennemsnitlige klimaforhold)	para o aquecimento ambiente, o consumo anual de energia (em condições climáticas médias)	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	Utläsningsklassen uutuulien energiatuokaluissa (lämpöolosuhteissa)	Utläsningsklassen uutuulien energiatuokaluissa (lämpöolosuhteissa)	for rumopvarmning, årlig energiforbrug (under gennemsnitlige klimaforhold)	per il riscaldamento dell'acqua, il consumo annuo di energia (in condizioni climatiche medie)	para calefatar espacios, el consumo anual de energía en condiciones climáticas medias
9	For water heating, annual electricity consumption under average climate conditions	für die Warmwasserbereitung, den jährlichen Stromverbrauch bei durchschnittlichen Klimaverhältnissen	pour le chauffage de l'eau, la consommation annuelle d'électricité (dans les conditions climatiques moyennes)	per il riscaldamento dell'acqua, il consumo annuo di energia (in condizioni climatiche medie)	para calefatar espacios, el consumo anual de energía en condiciones climáticas medias
	voor waterverwarming, het jaarlijkse elektriciteitsverbruik (onder gemiddelde klimaatsomstandigheden)	Für Wassererzeugung, Äußerung der Wärmeleistung (unter gemessenen Klimaverhältnissen)	for vandvarmning, årlig elektriforbrug (under gennemsnitlige klimaforhold)	para o aquecimento de água, o consumo anual de electricidade (em condições climáticas médias)	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	Utläsningsklassen uutuulien sähkötuokaluissa (lämpöolosuhteissa)	Utläsningsklassen uutuulien sähkötuokaluissa (lämpöolosuhteissa)	for vandvarmning, årlig elektriforbrug (under gennemsnitlige klimaforhold)	per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde e più calde	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
10	Seasonal space heating energy efficiency under average climate conditions	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen	za podgravanje na voda, godišnjem potrošnje pri srednjim klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde e più calde	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	de seizoensgebonden energie-efficiëntie voor ruimteverwarming (onder gemiddelde klimaatsomstandigheden)	Seasonsoverlopende energieefficiëntie bij gemiddelde klimaverhältnissen	za podgravanje na voda, godišnjem potrošnje pri srednjim klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde e più calde	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	Utläsningsklassen kassitettien energiatuokaluissa (lämpöolosuhteissa)	Utläsningsklassen kassitettien energiatuokaluissa (lämpöolosuhteissa)	za podgravanje na voda, godišnjem potrošnje pri srednjim klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde e più calde	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
11	de energie-efficiëntie voor waterverwarming (onder gemiddelde klimaatsomstandigheden)	Utläsningsklassen kassitettien energiatuokaluissa (lämpöolosuhteissa)	za podgravanje na voda, godišnjem potrošnje pri srednjim klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	za podgravanje na voda, godišnjem potrošnje pri srednjim klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
12	Sound power level L _{WA} indoor	der Schalleistungspegel L _{WA} in Gebäuden	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	het geluidvermogenniveau L _{WA} binnen	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
13	Work only during off-peak hours	funktioniert nur während der Nachtstunden	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	werken uitsluitend in de daluren	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	toimintaan ainoastaan kuluajavälillä ulkopuolella	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
14	Rated heat output under colder climate conditions	die Wärmeleistung bei kälteren Klimaverhältnissen	za podgravanje na voda, godišnjem potrošnje pri hladnijim klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	de nominale warmteafgifte, onder kouder klimaatsomstandigheden	Nominell Äußerung der Wärmeleistung bei kälteren Klimaverhältnissen	za podgravanje na voda, godišnjem potrošnje pri hladnijim klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	Nominell Äußerung der Wärmeleistung bei kälteren Klimaverhältnissen	za podgravanje na voda, godišnjem potrošnje pri hladnijim klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
15	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	Nominell Äußerung der Wärmeleistung bei kälteren Klimaverhältnissen	za podgravanje na voda, godišnjem potrošnje pri hladnijim klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	Nominell Äußerung der Wärmeleistung bei kälteren Klimaverhältnissen	za podgravanje na voda, godišnjem potrošnje pri hladnijim klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
16	For space heating, annual energy consumption under colder climate conditions	für die Raumheizung, den jährlichen Energieverbrauch bei kälteren Klimaverhältnissen	za podgravanje na voda, godišnjem potrošnje pri hladnijim klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	voor ruimteverwarming, het jaarlijkse energieverbruik onder kouder klimaatsomstandigheden	Für Raumheizung, Äußerung der Wärmeleistung (unter gemessenen Klimaverhältnissen)	za podgravanje na voda, godišnjem potrošnje pri hladnijim klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	Utläsningsklassen uutuulien energiatuokaluissa (lämpöolosuhteissa)	Für Raumheizung, Äußerung der Wärmeleistung (unter gemessenen Klimaverhältnissen)	za podgravanje na voda, godišnjem potrošnje pri hladnijim klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
17	For space heating, annual energy consumption under warmer climate conditions	für die Raumheizung, den jährlichen Energieverbrauch bei wärmeren Klimaverhältnissen	za podgravanje na voda, godišnjem potrošnje pri wärmeren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	voor ruimteverwarming, het jaarlijkse energieverbruik onder wärmere klimaatsomstandigheden	Für Raumheizung, Äußerung der Wärmeleistung (unter gemessenen Klimaverhältnissen)	za podgravanje na voda, godišnjem potrošnje pri wärmeren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	Utläsningsklassen uutuulien energiatuokaluissa (lämpöolosuhteissa)	Für Raumheizung, Äußerung der Wärmeleistung (unter gemessenen Klimaverhältnissen)	za podgravanje na voda, godišnjem potrošnje pri wärmeren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
18	For water heating, annual energy consumption under colder climate conditions	für die Warmwasserbereitungs-Energieeffizienz bei kälteren Klimaverhältnissen	za podgravanje na voda, godišnjem potrošnje pri kälteren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder kouder klimaatsomstandigheden	Für Wassererzeugung, Äußerung der Wärmeleistung (unter gemessenen Klimaverhältnissen)	za podgravanje na voda, godišnjem potrošnje pri kälteren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	Utläsningsklassen uutuulien sähkötuokaluissa (lämpöolosuhteissa)	Für Wassererzeugung, Äußerung der Wärmeleistung (unter gemessenen Klimaverhältnissen)	za podgravanje na voda, godišnjem potrošnje pri kälteren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
19	For water heating, annual energy consumption under warmer climate conditions	Für Wassererzeugung, Äußerung der Wärmeleistung bei wärmeren Klimaverhältnissen	za podgravanje na voda, godišnjem potrošnje pri wärmeren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder wärmere klimaatsomstandigheden	Für Wassererzeugung, Äußerung der Wärmeleistung bei wärmeren Klimaverhältnissen	za podgravanje na voda, godišnjem potrošnje pri wärmeren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	Utläsningsklassen uutuulien sähkötuokaluissa (lämpöolosuhteissa)	Für Wassererzeugung, Äußerung der Wärmeleistung bei wärmeren Klimaverhältnissen	za podgravanje na voda, godišnjem potrošnje pri wärmeren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
20	Seasonal space heating energy efficiency under colder climate conditions	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei kälteren Klimaverhältnissen	za podgravanje na voda, godišnjem potrošnje pri kälteren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	de seizoensgebonden energie-efficiëntie voor ruimteverwarming onder kouder klimaatsomstandigheden	Seasonsoverlopende energieefficiëntie bij kälteren Klimaverhältnissen	za podgravanje na voda, godišnjem potrošnje pri kälteren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	Seasonsoverlopende energieefficiëntie bij kälteren Klimaverhältnissen	za podgravanje na voda, godišnjem potrošnje pri kälteren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
21	Seasonal space heating energy efficiency under warmer climate conditions	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei wärmeren Klimaverhältnissen	za podgravanje na voda, godišnjem potrošnje pri wärmeren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	de seizoensgebonden energie-efficiëntie voor ruimteverwarming onder wärmere klimaatsomstandigheden	Seasonsoverlopende energieefficiëntie bij wärmeren Klimaverhältnissen	za podgravanje na voda, godišnjem potrošnje pri wärmeren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	Seasonsoverlopende energieefficiëntie bij wärmeren Klimaverhältnissen	za podgravanje na voda, godišnjem potrošnje pri wärmeren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
22	Water heating energy efficiency under colder climate conditions	die Warmwasserbereitungs-Energieeffizienz bei kälteren Klimaverhältnissen	za podgravanje na voda, godišnjem potrošnje pri kälteren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	de energie-efficiëntie voor waterverwarming onder kouder klimaatsomstandigheden	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	za podgravanje na voda, godišnjem potrošnje pri kälteren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	za podgravanje na voda, godišnjem potrošnje pri kälteren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
23	Water heating energy efficiency under warmer climate conditions	die Warmwasserbereitungs-Energieeffizienz bei wärmeren Klimaverhältnissen	za podgravanje na voda, godišnjem potrošnje pri wärmeren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	de energie-efficiëntie voor waterverwarming onder wärmere klimaatsomstandigheden	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	za podgravanje na voda, godišnjem potrošnje pri wärmeren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	za podgravanje na voda, godišnjem potrošnje pri wärmeren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
24	Sound power level L _{WA} outdoor	der Schalleistungspegel L _{WA} im Freien	za podgravanje na voda, godišnjem potrošnje pri wärmeren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	het geluidvermogenniveau L _{WA} buiten	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	za podgravanje na voda, godišnjem potrošnje pri wärmeren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες
	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	Utläsningsklassen energiatuokaluissa (lämpöolosuhteissa)	za podgravanje na voda, godišnjem potrošnje pri wärmeren klimatskim uvjetima	per il riscaldamento dell'acqua, il consumo annuo di energia, in condiciones climáticas más frías	η εποχιακή θερμότητα ενέργειας υπό διαφορετικές κλιματικές συνθήκες

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	EHSE-***D
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	medium-temperature application.	
Parameters for	average climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	15.5	kW	Seasonal space heating energy efficiency	η_s	127	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	13.7	kW	Tj = - 7 °C	COPd	1.83	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 2 °C	Pdh	8.3	kW	Tj = + 2 °C	COPd	3.30	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	5.9	kW	Tj = + 7 °C	COPd	4.27	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	7.4	kW	Tj = +12 °C	COPd	6.31	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = bivalent temperature	Pdh	13.7	kW	Tj = bivalent temperature	COPd	1.83	-
Tj = operation limit temperature	Pdh	10.5	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 temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	2.5	kW
Thermostat-off mode	P _{TO}	0.022	kW	Type of energy input			
Standby mode	P _{SB}	0.022	kW				
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				
Capacity control	variable			Rated air flow rate, outdoors - 8400 m³/h
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA	
Annual energy consumption	Q _{HE}	9623	kWh	

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

Contact details

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

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	EHSE-***D
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	low-temperature application.	
Parameters for	average climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	17.3	kW	Seasonal space heating energy efficiency	η_s	163	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	15.3	kW	Tj = - 7 °C	COPd	2.53	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 2 °C	Pdh	9.3	kW	Tj = + 2 °C	COPd	4.24	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	6.3	kW	Tj = + 7 °C	COPd	5.22	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	7.7	kW	Tj = +12 °C	COPd	7.08	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	15.3	kW	Tj = bivalent temperature	COPd	2.53	-
Tj = operation limit temperature	Pdh	10.5	kW	Tj = operation limit temperature	COPd	1.52	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	3.1	kW
Thermostat-off mode	P _{TO}	0.022	kW	Type of energy input			
Standby mode	P _{SB}	0.022	kW				
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	8400	m³/h
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA				
Annual energy consumption	Q _{HE}	8410	kWh				

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q _{elec}	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	EHSE-***D
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	medium-temperature application.	
Parameters for	colder climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	11.1	kW	Seasonal space heating energy efficiency	η_s	109	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.7	kW	Tj = - 7 °C	COPd	2.18	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 2 °C	Pdh	5.1	kW	Tj = + 2 °C	COPd	3.46	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	6.1	kW	Tj = + 7 °C	COPd	4.48	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	7.5	kW	Tj = +12 °C	COPd	6.33	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	10.5	kW	Tj = bivalent temperature	COPd	1.52	-
Tj = operation limit temperature	Pdh	10.5	kW	Tj = operation limit temperature	COPd	1.52	-
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 temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	11.1	kW
Thermostat-off mode	P _{TO}	0.022	kW	Type of energy input			
Standby mode	P _{SB}	0.022	kW				
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				
Capacity control	variable			Rated air flow rate, outdoors - 8400 m³/h
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA	
Annual energy consumption	Q _{HE}	9625	kWh	

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q _{elec}	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

Contact details

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

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	EHSE-***D
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	low-temperature application.	
Parameters for	colder climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	13.7	kW	Seasonal space heating energy efficiency	η_s	142	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T _j			
T _j = - 7 °C	P _{dh}	8.3	kW	T _j = - 7 °C	COP _d	2.94	-
Degradation co-efficient (**)	C _{dh}	1.00	-				
T _j = + 2 °C	P _{dh}	5.4	kW	T _j = + 2 °C	COP _d	4.40	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = + 7 °C	P _{dh}	6.4	kW	T _j = + 7 °C	COP _d	5.44	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = +12 °C	P _{dh}	7.7	kW	T _j = +12 °C	COP _d	7.06	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = bivalent temperature	P _{dh}	13.0	kW	T _j = bivalent temperature	COP _d	2.00	-
T _j = operation limit temperature	P _{dh}	13.0	kW	T _j = operation limit temperature	COP _d	2.00	-
T _j = - 15 °C (if TOL < - 20 °C)	P _{dh}	-	kW	T _j = - 15 °C (if TOL < - 20 °C)	COP _d	-	-
Bivalent temperature	T _{biv}	-20	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	13.7	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	8400	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA				
Annual energy consumption	Q _{HE}	9188	kWh				

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q _{elec}	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	EHSE-***D
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	medium-temperature application.	
Parameters for	warmer climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	15.5	kW	Seasonal space heating energy efficiency	η_s	147	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	15.5	kW	Tj = + 2 °C	COPd	1.80	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	10.0	kW	Tj = + 7 °C	COPd	3.00	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	7.2	kW	Tj = +12 °C	COPd	5.37	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	13.7	kW	Tj = bivalent temperature	COPd	1.74	-
Tj = operation limit temperature	Pdh	10.5	kW	Tj = operation limit temperature	COPd	1.52	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	0.0	kW
Thermostat-off mode	P _{TO}	0.022	kW	Type of energy input			
Standby mode	P _{SB}	0.022	kW				
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	8400	m³/h
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA				
Annual energy consumption	Q _{HE}	5449	kWh				

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q _{elec}	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	EHSE-***D
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	low-temperature application.	
Parameters for	warmer climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	17.3	kW	Seasonal space heating energy efficiency	η_s	209	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	17.3	kW	Tj = + 2 °C	COPd	3.01	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	11.1	kW	Tj = + 7 °C	COPd	4.70	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	7.6	kW	Tj = +12 °C	COPd	6.69	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	15.3	kW	Tj = bivalent temperature	COPd	2.53	-
Tj = operation limit temperature	Pdh	10.5	kW	Tj = operation limit temperature	COPd	1.52	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	0.0	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	8400	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA				
Annual energy consumption	Q _{HE}	5449	kWh				

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q _{elec}	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	EHSE-MED
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	no	
Heat pump combination heater:	no	
Parameters for	medium-temperature application.	
Parameters for	average climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	15.5	kW	Seasonal space heating energy efficiency	η_s	127	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	13.7	kW	Tj = - 7 °C	COPd	1.83	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 2 °C	Pdh	8.3	kW	Tj = + 2 °C	COPd	3.30	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	5.9	kW	Tj = + 7 °C	COPd	4.27	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	7.4	kW	Tj = +12 °C	COPd	6.31	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = bivalent temperature	Pdh	13.7	kW	Tj = bivalent temperature	COPd	1.83	-
Tj = operation limit temperature	Pdh	10.5	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 temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	2.5	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	8400	m³/h
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA				
Annual energy consumption	Q _{HE}	9623	kWh				

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q _{elec}	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	EHSE-MED
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	no	
Heat pump combination heater:	no	
Parameters for	low-temperature application.	
Parameters for	average climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	17.3	kW	Seasonal space heating energy efficiency	η_s	163	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	15.3	kW	Tj = - 7 °C	COPd	2.53	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 2 °C	Pdh	9.3	kW	Tj = + 2 °C	COPd	4.24	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	6.3	kW	Tj = + 7 °C	COPd	5.22	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	7.7	kW	Tj = +12 °C	COPd	7.08	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	15.3	kW	Tj = bivalent temperature	COPd	2.53	-
Tj = operation limit temperature	Pdh	10.5	kW	Tj = operation limit temperature	COPd	1.52	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	3.1	kW
Thermostat-off mode	P _{TO}	0.022	kW	Type of energy input			
Standby mode	P _{SB}	0.022	kW				
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	8400	m³/h
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA				
Annual energy consumption	Q _{HE}	8410	kWh				

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q _{elec}	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	EHSE-MED
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	no	
Heat pump combination heater:	no	
Parameters for	medium-temperature application.	
Parameters for	colder climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	11.1	kW	Seasonal space heating energy efficiency	η_s	109	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.7	kW	Tj = - 7 °C	COPd	2.18	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 2 °C	Pdh	5.1	kW	Tj = + 2 °C	COPd	3.46	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	6.1	kW	Tj = + 7 °C	COPd	4.48	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	7.5	kW	Tj = +12 °C	COPd	6.33	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	10.5	kW	Tj = bivalent temperature	COPd	1.52	-
Tj = operation limit temperature	Pdh	10.5	kW	Tj = operation limit temperature	COPd	1.52	-
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 temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	11.1	kW
Thermostat-off mode	P _{TO}	0.022	kW	Type of energy input			
Standby mode	P _{SB}	0.022	kW				
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				
Capacity control	variable			Rated air flow rate, outdoors - 8400 m³/h
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA	
Annual energy consumption	Q _{HE}	9625	kWh	

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	EHSE-MED
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	no	
Heat pump combination heater:	no	
Parameters for	low-temperature application.	
Parameters for	colder climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	13.7	kW	Seasonal space heating energy efficiency	ηs	142	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	8.3	kW	Tj = - 7 °C	COPd	2.94	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 2 °C	Pdh	5.4	kW	Tj = + 2 °C	COPd	4.40	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	6.4	kW	Tj = + 7 °C	COPd	5.44	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	7.7	kW	Tj = +12 °C	COPd	7.06	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	13.0	kW	Tj = bivalent temperature	COPd	2.00	-
Tj = operation limit temperature	Pdh	13.0	kW	Tj = operation limit temperature	COPd	2.00	-
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 temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	13.7	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				
Capacity control	variable			Rated air flow rate, outdoors - 8400 m ³ /h
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA	
Annual energy consumption	Q _{HE}	9188	kWh	

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q _{elec}	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	EHSE-MED
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	no	
Heat pump combination heater:	no	
Parameters for	medium-temperature application.	
Parameters for	warmer climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	15.5	kW	Seasonal space heating energy efficiency	η_s	147	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	15.5	kW	Tj = + 2 °C	COPd	1.80	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	10.0	kW	Tj = + 7 °C	COPd	3.00	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	7.2	kW	Tj = +12 °C	COPd	5.37	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	13.7	kW	Tj = bivalent temperature	COPd	1.74	-
Tj = operation limit temperature	Pdh	10.5	kW	Tj = operation limit temperature	COPd	1.52	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	0.0	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	8400	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA				
Annual energy consumption	Q _{HE}	5449	kWh				

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q _{elec}	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	EHSE-MED
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	no	
Heat pump combination heater:	no	
Parameters for	low-temperature application.	
Parameters for	warmer climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	17.3	kW	Seasonal space heating energy efficiency	η_s	209	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T _j			
T _j = - 7 °C	P _{dh}	-	kW	T _j = - 7 °C	COP _d	-	-
Degradation co-efficient (**)	C _{dh}	-	-				
T _j = + 2 °C	P _{dh}	17.3	kW	T _j = + 2 °C	COP _d	3.01	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = + 7 °C	P _{dh}	11.1	kW	T _j = + 7 °C	COP _d	4.70	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = +12 °C	P _{dh}	7.6	kW	T _j = +12 °C	COP _d	6.69	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = bivalent temperature	P _{dh}	15.3	kW	T _j = bivalent temperature	COP _d	2.53	-
T _j = operation limit temperature	P _{dh}	10.5	kW	T _j = operation limit temperature	COP _d	1.52	-
T _j = - 15 °C (if TOL < - 20 °C)	P _{dh}	-	kW	T _j = - 15 °C (if TOL < - 20 °C)	COP _d	-	-
Bivalent temperature	T _{biv}	-7	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	0.0	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	8400	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA				
Annual energy consumption	Q _{HE}	5449	kWh				

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q _{elec}	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

Contact details

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

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	ERSE-***D
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	medium-temperature application.	
Parameters for	average climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	15.5	kW	Seasonal space heating energy efficiency	η_s	129	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T _j			
T _j = - 7 °C	P _{dh}	13.7	kW	T _j = - 7 °C	COP _d	1.83	-
Degradation co-efficient (**)	C _{dh}	1.00	-				
T _j = + 2 °C	P _{dh}	8.3	kW	T _j = + 2 °C	COP _d	3.30	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = + 7 °C	P _{dh}	5.9	kW	T _j = + 7 °C	COP _d	4.27	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = +12 °C	P _{dh}	7.4	kW	T _j = +12 °C	COP _d	6.31	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = bivalent temperature	P _{dh}	13.7	kW	T _j = bivalent temperature	COP _d	1.83	-
T _j = operation limit temperature	P _{dh}	10.5	kW	T _j = operation limit temperature	COP _d	1.60	-
T _j = - 15 °C (if TOL < - 20 °C)	P _{dh}	-	kW	T _j = - 15 °C (if TOL < - 20 °C)	COP _d	-	-
Bivalent temperature	T _{biv}	-7	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	2.5	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	8400	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA				
Annual energy consumption	Q _{HE}	9623	kWh				

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q _{elec}	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	ERSE-***D
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	low-temperature application.	
Parameters for	average climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	17.3	kW	Seasonal space heating energy efficiency	η_s	164	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	15.3	kW	Tj = - 7 °C	COPd	2.53	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 2 °C	Pdh	9.3	kW	Tj = + 2 °C	COPd	4.24	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	6.3	kW	Tj = + 7 °C	COPd	5.22	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	7.7	kW	Tj = +12 °C	COPd	7.08	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	15.3	kW	Tj = bivalent temperature	COPd	2.53	-
Tj = operation limit temperature	Pdh	10.5	kW	Tj = operation limit temperature	COPd	1.52	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	3.1	kW
Thermostat-off mode	P _{TO}	0.022	kW	Type of energy input			
Standby mode	P _{SB}	0.022	kW				
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	8400	m³/h
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA				
Annual energy consumption	Q _{HE}	8410	kWh				

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q _{elec}	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	ERSE-***D
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	medium-temperature application.	
Parameters for	colder climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	11.1	kW	Seasonal space heating energy efficiency	η_s	110	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.7	kW	Tj = - 7 °C	COPd	2.18	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 2 °C	Pdh	5.1	kW	Tj = + 2 °C	COPd	3.46	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	6.1	kW	Tj = + 7 °C	COPd	4.48	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	7.5	kW	Tj = +12 °C	COPd	6.33	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	10.5	kW	Tj = bivalent temperature	COPd	1.52	-
Tj = operation limit temperature	Pdh	10.5	kW	Tj = operation limit temperature	COPd	1.52	-
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 temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	11.1	kW
Thermostat-off mode	P _{TO}	0.022	kW	Type of energy input			
Standby mode	P _{SB}	0.022	kW				
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				
Capacity control	variable			Rated air flow rate, outdoors - 8400 m³/h
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA	
Annual energy consumption	Q _{HE}	9625	kWh	

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q _{elec}	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	ERSE-***D
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	low-temperature application.	
Parameters for	colder climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	13.7	kW	Seasonal space heating energy efficiency	η_s	143	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	8.3	kW	Tj = - 7 °C	COPd	2.94	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 2 °C	Pdh	5.4	kW	Tj = + 2 °C	COPd	4.40	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	6.4	kW	Tj = + 7 °C	COPd	5.44	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	7.7	kW	Tj = +12 °C	COPd	7.06	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	13.0	kW	Tj = bivalent temperature	COPd	2.00	-
Tj = operation limit temperature	Pdh	13.0	kW	Tj = operation limit temperature	COPd	2.00	-
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 temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	13.7	kW
Thermostat-off mode	P _{TO}	0.022	kW	Type of energy input			
Standby mode	P _{SB}	0.022	kW				
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				
Capacity control	variable			Rated air flow rate, outdoors - 8400 m³/h
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA	
Annual energy consumption	Q _{HE}	9188	kWh	

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q _{elec}	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	ERSE-***D
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	medium-temperature application.	
Parameters for	warmer climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	15.5	kW	Seasonal space heating energy efficiency	η_s	148	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	15.5	kW	Tj = + 2 °C	COPd	1.80	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	10.0	kW	Tj = + 7 °C	COPd	3.00	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	7.2	kW	Tj = +12 °C	COPd	5.37	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	13.7	kW	Tj = bivalent temperature	COPd	1.74	-
Tj = operation limit temperature	Pdh	10.5	kW	Tj = operation limit temperature	COPd	1.52	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	0.0	kW
Thermostat-off mode	P _{TO}	0.022	kW	Type of energy input			
Standby mode	P _{SB}	0.022	kW				
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	8400	m³/h
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA				
Annual energy consumption	Q _{HE}	5449	kWh				

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q _{elec}	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	ERSE-***D
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	low-temperature application.	
Parameters for	warmer climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	17.3	kW	Seasonal space heating energy efficiency	η_s	211	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	17.3	kW	Tj = + 2 °C	COPd	3.01	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	11.1	kW	Tj = + 7 °C	COPd	4.70	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	7.6	kW	Tj = +12 °C	COPd	6.69	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	15.3	kW	Tj = bivalent temperature	COPd	2.53	-
Tj = operation limit temperature	Pdh	10.5	kW	Tj = operation limit temperature	COPd	1.52	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	0.0	kW
Thermostat-off mode	P _{TO}	0.022	kW	Type of energy input			
Standby mode	P _{SB}	0.022	kW				
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	8400	m³/h
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA				
Annual energy consumption	Q _{HE}	5449	kWh				

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q _{elec}	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	ERSE-MED
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	no	
Heat pump combination heater:	no	
Parameters for	medium-temperature application.	
Parameters for	average climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	15.5	kW	Seasonal space heating energy efficiency	η_s	129	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T _j			
T _j = - 7 °C	P _{dh}	13.7	kW	T _j = - 7 °C	COP _d	1.83	-
Degradation co-efficient (**)	C _{dh}	1.00	-				
T _j = + 2 °C	P _{dh}	8.3	kW	T _j = + 2 °C	COP _d	3.30	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = + 7 °C	P _{dh}	5.9	kW	T _j = + 7 °C	COP _d	4.27	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = +12 °C	P _{dh}	7.4	kW	T _j = +12 °C	COP _d	6.31	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = bivalent temperature	P _{dh}	13.7	kW	T _j = bivalent temperature	COP _d	1.83	-
T _j = operation limit temperature	P _{dh}	10.5	kW	T _j = operation limit temperature	COP _d	1.60	-
T _j = - 15 °C (if TOL < - 20 °C)	P _{dh}	-	kW	T _j = - 15 °C (if TOL < - 20 °C)	COP _d	-	-
Bivalent temperature	T _{biv}	-7	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	2.5	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	8400	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA				
Annual energy consumption	Q _{HE}	9623	kWh				

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q _{elec}	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

Contact details

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

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	ERSE-MED
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	no	
Heat pump combination heater:	no	
Parameters for	low-temperature application.	
Parameters for	average climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	17.3	kW	Seasonal space heating energy efficiency	η_s	164	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	15.3	kW	Tj = - 7 °C	COPd	2.53	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 2 °C	Pdh	9.3	kW	Tj = + 2 °C	COPd	4.24	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	6.3	kW	Tj = + 7 °C	COPd	5.22	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	7.7	kW	Tj = +12 °C	COPd	7.08	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	15.3	kW	Tj = bivalent temperature	COPd	2.53	-
Tj = operation limit temperature	Pdh	10.5	kW	Tj = operation limit temperature	COPd	1.52	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	3.1	kW
Thermostat-off mode	P _{TO}	0.022	kW	Type of energy input			
Standby mode	P _{SB}	0.022	kW				
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				
Capacity control	variable			Rated air flow rate, outdoors - 8400 m ³ /h
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA	
Annual energy consumption	Q _{HE}	8410	kWh	

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q _{elec}	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	ERSE-MED
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	no	
Heat pump combination heater:	no	
Parameters for	medium-temperature application.	
Parameters for	colder climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	11.1	kW	Seasonal space heating energy efficiency	η_s	110	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.7	kW	Tj = - 7 °C	COPd	2.18	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 2 °C	Pdh	5.1	kW	Tj = + 2 °C	COPd	3.46	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	6.1	kW	Tj = + 7 °C	COPd	4.48	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	7.5	kW	Tj = +12 °C	COPd	6.33	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	10.5	kW	Tj = bivalent temperature	COPd	1.52	-
Tj = operation limit temperature	Pdh	10.5	kW	Tj = operation limit temperature	COPd	1.52	-
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 temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	11.1	kW
Thermostat-off mode	P _{TO}	0.022	kW	Type of energy input			
Standby mode	P _{SB}	0.022	kW				
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				
Capacity control	variable			Rated air flow rate, outdoors - 8400 m³/h
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA	
Annual energy consumption	Q _{HE}	9625	kWh	

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	ERSE-MED
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	no	
Heat pump combination heater:	no	
Parameters for	low-temperature application.	
Parameters for	colder climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	13.7	kW	Seasonal space heating energy efficiency	η_s	143	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	8.3	kW	Tj = - 7 °C	COPd	2.94	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 2 °C	Pdh	5.4	kW	Tj = + 2 °C	COPd	4.40	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	6.4	kW	Tj = + 7 °C	COPd	5.44	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	7.7	kW	Tj = +12 °C	COPd	7.06	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	13.0	kW	Tj = bivalent temperature	COPd	2.00	-
Tj = operation limit temperature	Pdh	13.0	kW	Tj = operation limit temperature	COPd	2.00	-
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 temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	13.7	kW
Thermostat-off mode	P _{TO}	0.022	kW	Type of energy input			
Standby mode	P _{SB}	0.022	kW				
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				
Capacity control	variable			Rated air flow rate, outdoors - 8400 m³/h
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA	
Annual energy consumption	Q _{HE}	9188	kWh	

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	ERSE-MED
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	no	
Heat pump combination heater:	no	
Parameters for	medium-temperature application.	
Parameters for	warmer climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	15.5	kW	Seasonal space heating energy efficiency	η_s	148	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T _j			
T _j = - 7 °C	P _{dh}	-	kW	T _j = - 7 °C	COP _d	-	-
Degradation co-efficient (**)	C _{dh}	-	-				
T _j = + 2 °C	P _{dh}	15.5	kW	T _j = + 2 °C	COP _d	1.80	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = + 7 °C	P _{dh}	10.0	kW	T _j = + 7 °C	COP _d	3.00	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = +12 °C	P _{dh}	7.2	kW	T _j = +12 °C	COP _d	5.37	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = bivalent temperature	P _{dh}	13.7	kW	T _j = bivalent temperature	COP _d	1.74	-
T _j = operation limit temperature	P _{dh}	10.5	kW	T _j = operation limit temperature	COP _d	1.52	-
T _j = - 15 °C (if TOL < - 20 °C)	P _{dh}	-	kW	T _j = - 15 °C (if TOL < - 20 °C)	COP _d	-	-
Bivalent temperature	T _{biv}	-7	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	0.0	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	8400	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA				
Annual energy consumption	Q _{HE}	5449	kWh				

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q _{elec}	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

Model(s):	Outdoor unit:	PUHZ-SW200YKA(-BS)
	Indoor unit:	ERSE-MED
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	no	
Heat pump combination heater:	no	
Parameters for	low-temperature application.	
Parameters for	warmer climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	17.3	kW	Seasonal space heating energy efficiency	η_s	211	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	17.3	kW	Tj = + 2 °C	COPd	3.01	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	11.1	kW	Tj = + 7 °C	COPd	4.70	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	7.6	kW	Tj = +12 °C	COPd	6.69	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	15.3	kW	Tj = bivalent temperature	COPd	2.53	-
Tj = operation limit temperature	Pdh	10.5	kW	Tj = operation limit temperature	COPd	1.52	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	0.0	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	8400	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	45 / 78	dBA				
Annual energy consumption	Q _{HE}	5449	kWh				

For heat pump combination heater:

Declared load profile	-			Water heating energy efficiency	η_{wh}	-	%
Daily electricity consumption	Q _{elec}	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

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

Model(s):	Outdoor unit:	PUHZ-SW75YAA-SC
	Indoor unit:	ERST20D-***D
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	yes	
Parameters for	medium-temperature application.	
Parameters for	average climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	η_s	132	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.3	kW	Tj = - 7 °C	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 2 °C	COPd	3.23	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.9	kW	Tj = + 7 °C	COPd	4.59	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	2.8	kW	Tj = +12 °C	COPd	6.10	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	6.3	kW	Tj = bivalent temperature	COPd	2.04	-
Tj = operation limit temperature	Pdh	5.6	kW	Tj = operation limit temperature	COPd	1.37	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	1.0	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	2660	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41 / 58	dBA				
Annual energy consumption	Q _{HE}	4329	kWh				

For heat pump combination heater:

Declared load profile	L			Water heating energy efficiency	η_{wh}	145	%
Daily electricity consumption	Q _{elec}	3.420	kW/h				
Annual electricity consumption	AEC	752	kW/h				

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

Model(s):	Outdoor unit:	PUHZ-SW75YAA-SC
	Indoor unit:	ERST20D-***D
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	yes	
Parameters for	low-temperature application.	
Parameters for	average climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.2	kW	Seasonal space heating energy efficiency	η_s	165	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.4	kW	Tj = - 7 °C	COPd	2.54	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 2 °C	COPd	4.16	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.6	kW	Tj = + 7 °C	COPd	5.62	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = +12 °C	Pdh	3.1	kW	Tj = +12 °C	COPd	7.00	-
Degradation co-efficient (**)	Cdh	0.94	-				
Tj = bivalent temperature	Pdh	6.4	kW	Tj = bivalent temperature	COPd	2.43	-
Tj = operation limit temperature	Pdh	5.6	kW	Tj = operation limit temperature	COPd	1.30	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	1.0	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	2660	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41 / 58	dBA				
Annual energy consumption	Q _{HE}	3507	kWh				

For heat pump combination heater:

Declared load profile	L			Water heating energy efficiency	η_{wh}	145	%
Daily electricity consumption	Qelec	3.420	kW/h				
Annual electricity consumption	AEC	752	kW/h				

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

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

Model(s):	Outdoor unit:	PUHZ-SW75YAA-SC
	Indoor unit:	ERST20D-***D
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	yes	
Parameters for	medium-temperature application.	
Parameters for	colder climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	109	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.6	kW	Tj = - 7 °C	COPd	2.37	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	2.2	kW	Tj = + 2 °C	COPd	3.24	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = + 7 °C	Pdh	2.5	kW	Tj = + 7 °C	COPd	4.70	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = +12 °C	Pdh	3.0	kW	Tj = +12 °C	COPd	6.74	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	5.7	kW	Tj = bivalent temperature	COPd	1.30	-
Tj = operation limit temperature	Pdh	5.6	kW	Tj = operation limit temperature	COPd	1.30	-
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 temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	6.0	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	2660	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 58	dBA				
Annual energy consumption	Q _{HE}	5169	kWh				

For heat pump combination heater:

Declared load profile	L			Water heating energy efficiency	η_{wh}	123	%
Daily electricity consumption	Qelec	3.990	kW/h				
Annual electricity consumption	AEC	877	kW/h				

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

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

Model(s):	Outdoor unit:	PUHZ-SW75YAA-SC
	Indoor unit:	ERST20D-***D
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	yes	
Parameters for	low-temperature application.	
Parameters for	colder climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	η_s	132	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.6	kW	Tj = - 7 °C	COPd	2.85	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	2.4	kW	Tj = + 2 °C	COPd	4.14	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = + 7 °C	Pdh	2.6	kW	Tj = + 7 °C	COPd	5.82	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = +12 °C	Pdh	3.1	kW	Tj = +12 °C	COPd	7.81	-
Degradation co-efficient (**)	Cdh	0.94	-				
Tj = bivalent temperature	Pdh	5.7	kW	Tj = bivalent temperature	COPd	1.56	-
Tj = operation limit temperature	Pdh	5.6	kW	Tj = operation limit temperature	COPd	1.30	-
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 temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	6.0	kW
Thermostat-off mode	P _{TO}	0.022	kW	Type of energy input			
Standby mode	P _{SB}	0.022	kW				
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}	41 / 58	dBA				
Annual energy consumption	Q _{HE}	4265	kWh				

For heat pump combination heater:

Declared load profile	L			Water heating energy efficiency	η_{wh}	123	%
Daily electricity consumption	Q _{elec}	3.990	kW/h				
Annual electricity consumption	AEC	877	kW/h				

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

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

Model(s):	Outdoor unit:	PUHZ-SW75YAA-SC
	Indoor unit:	ERST20D-***D
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	yes	
Parameters for	medium-temperature application.	
Parameters for	warmer climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	η_s	158	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	7.1	kW	Tj = + 2 °C	COPd	1.98	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	4.6	kW	Tj = + 7 °C	COPd	3.19	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	2.9	kW	Tj = +12 °C	COPd	5.70	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	6.3	kW	Tj = bivalent temperature	COPd	1.94	-
Tj = operation limit temperature	Pdh	5.6	kW	Tj = operation limit temperature	COPd	1.30	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	0.0	kW
Thermostat-off mode	P _{TO}	0.022	kW	Type of energy input			
Standby mode	P _{SB}	0.022	kW				
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}	41 / 58	dBA				
Annual energy consumption	Q _{HE}	2358	kWh				

For heat pump combination heater:

Declared load profile	L			Water heating energy efficiency	η_{wh}	161	%
Daily electricity consumption	Q _{elec}	3.080	kW/h				
Annual electricity consumption	AEC	678	kW/h				

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

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

Model(s):	Outdoor unit:	PUHZ-SW75YAA-SC
	Indoor unit:	ERST20D-***D
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	yes	
Parameters for	low-temperature application.	
Parameters for	warmer climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.2	kW	Seasonal space heating energy efficiency	η_s	225	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	7.2	kW	Tj = + 2 °C	COPd	3.13	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	4.6	kW	Tj = + 7 °C	COPd	4.79	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.1	kW	Tj = +12 °C	COPd	7.57	-
Degradation co-efficient (**)	Cdh	0.94	-				
Tj = bivalent temperature	Pdh	6.4	kW	Tj = bivalent temperature	COPd	2.43	-
Tj = operation limit temperature	Pdh	5.6	kW	Tj = operation limit temperature	COPd	1.30	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	0.0	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	2660	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41 / 58	dBA				
Annual energy consumption	Q _{HE}	2358	kWh				

For heat pump combination heater:

Declared load profile	L			Water heating energy efficiency	η_{wh}	161	%
Daily electricity consumption	Q _{elec}	3.080	kW/h				
Annual electricity consumption	AEC	678	kW/h				

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

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

Model(s):	Outdoor unit:	PUHZ-SW75VHA(-BS)
	Indoor unit:	ERSC-***C
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	medium-temperature application.	
Parameters for	average climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηs	129	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.3	kW	Tj = - 7 °C	COPd	1.95	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 2 °C	COPd	3.24	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.7	kW	Tj = + 7 °C	COPd	4.46	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	4.3	kW	Tj = +12 °C	COPd	5.89	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = bivalent temperature	Pdh	6.3	kW	Tj = bivalent temperature	COPd	1.95	-
Tj = operation limit temperature	Pdh	6.0	kW	Tj = operation limit temperature	COPd	1.35	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.9	kW
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	3300	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 68	dBA				
Annual energy consumption	Q _{HE}	4403	kWh				

For heat pump combination heater:							
Declared load profile	-			Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

Model(s):	Outdoor unit:	PUHZ-SW75VHA(-BS)
	Indoor unit:	ERSC-***C
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	low-temperature application.	
Parameters for	average climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.2	kW	Seasonal space heating energy efficiency	ηs	167	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.4	kW	Tj = - 7 °C	COPd	2.98	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 2 °C	COPd	4.04	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	5.55	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	4.6	kW	Tj = +12 °C	COPd	7.50	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	6.4	kW	Tj = bivalent temperature	COPd	2.98	-
Tj = operation limit temperature	Pdh	6.0	kW	Tj = operation limit temperature	COPd	1.28	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.9	kW
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	3300	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 68	dBA				
Annual energy consumption	Q _{HE}	3449	kWh				

For heat pump combination heater:							
Declared load profile	-			Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

Model(s):	Outdoor unit:	PUHZ-SW75VHA(-BS)
	Indoor unit:	ERSC-***C
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	medium-temperature application.	
Parameters for	colder climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.3	kW	Seasonal space heating energy efficiency	ηs	101	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.8	kW	Tj = - 7 °C	COPd	2.22	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	2.3	kW	Tj = + 2 °C	COPd	2.93	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.7	kW	Tj = + 7 °C	COPd	4.32	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	4.4	kW	Tj = +12 °C	COPd	6.23	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	1.28	-
Tj = operation limit temperature	Pdh	6.0	kW	Tj = operation limit temperature	COPd	1.28	-
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 temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	6.3	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				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	3300	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 68	dBA				
Annual energy consumption	Q _{HE}	5967	kWh				

For heat pump combination heater:							
Declared load profile	-			Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

Model(s):	Outdoor unit:	PUHZ-SW75VHA(-BS)
	Indoor unit:	ERSC-***C
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	low-temperature application.	
Parameters for	colder climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.4	kW	Seasonal space heating energy efficiency	ηs	141	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.9	kW	Tj = - 7 °C	COPd	3.55	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	2.4	kW	Tj = + 2 °C	COPd	3.91	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	5.54	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	4.6	kW	Tj = +12 °C	COPd	7.50	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	6.1	kW	Tj = bivalent temperature	COPd	1.28	-
Tj = operation limit temperature	Pdh	6.1	kW	Tj = operation limit temperature	COPd	1.28	-
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 temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	6.4	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				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	3300	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 68	dBA				
Annual energy consumption	Q _{HE}	4379	kWh				

For heat pump combination heater:							
Declared load profile	-			Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

Model(s):	Outdoor unit:	PUHZ-SW75VHA(-BS)
	Indoor unit:	ERSC-***C
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	medium-temperature application.	
Parameters for	warmer climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηs	155	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	7.1	kW	Tj = + 2 °C	COPd	1.99	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	4.6	kW	Tj = + 7 °C	COPd	3.20	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	4.2	kW	Tj = +12 °C	COPd	5.50	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	6.3	kW	Tj = bivalent temperature	COPd	1.85	-
Tj = operation limit temperature	Pdh	6.0	kW	Tj = operation limit temperature	COPd	1.28	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	3300	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 68	dBA				
Annual energy consumption	Q _{HE}	2389	kWh				

For heat pump combination heater:							
Declared load profile	-			Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

Model(s):	Outdoor unit:	PUHZ-SW75VHA(-BS)
	Indoor unit:	ERSC-***C
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	low-temperature application.	
Parameters for	warmer climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.2	kW	Seasonal space heating energy efficiency	ηs	236	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	7.2	kW	Tj = + 2 °C	COPd	2.87	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	4.7	kW	Tj = + 7 °C	COPd	5.83	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	4.5	kW	Tj = +12 °C	COPd	7.05	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	6.4	kW	Tj = bivalent temperature	COPd	2.98	-
Tj = operation limit temperature	Pdh	6.0	kW	Tj = operation limit temperature	COPd	1.28	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	3300	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 68	dBA				
Annual energy consumption	Q _{HE}	2389	kWh				

For heat pump combination heater:							
Declared load profile	-			Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

Model(s):	Outdoor unit:	PUHZ-SW75VHA(-BS)
	Indoor unit:	ERSC-MEC
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	no	
Heat pump combination heater:	no	
Parameters for	medium-temperature application.	
Parameters for	average climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηs	129	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.3	kW	Tj = - 7 °C	COPd	1.95	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 2 °C	COPd	3.24	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.7	kW	Tj = + 7 °C	COPd	4.46	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	4.3	kW	Tj = +12 °C	COPd	5.89	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = bivalent temperature	Pdh	6.3	kW	Tj = bivalent temperature	COPd	1.95	-
Tj = operation limit temperature	Pdh	6.0	kW	Tj = operation limit temperature	COPd	1.35	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.9	kW
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	3300	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 68	dBA				
Annual energy consumption	Q _{HE}	4403	kWh				

For heat pump combination heater:							
Declared load profile	-			Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

Model(s):	Outdoor unit:	PUHZ-SW75VHA(-BS)
	Indoor unit:	ERSC-MEC
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	no	
Heat pump combination heater:	no	
Parameters for	low-temperature application.	
Parameters for	average climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.2	kW	Seasonal space heating energy efficiency	ηs	167	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.4	kW	Tj = - 7 °C	COPd	2.98	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 2 °C	COPd	4.04	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	5.55	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	4.6	kW	Tj = +12 °C	COPd	7.50	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	6.4	kW	Tj = bivalent temperature	COPd	2.98	-
Tj = operation limit temperature	Pdh	6.0	kW	Tj = operation limit temperature	COPd	1.28	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.9	kW
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	3300	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 68	dBA				
Annual energy consumption	Q _{HE}	3449	kWh				

For heat pump combination heater:							
Declared load profile	-			Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

Model(s):	Outdoor unit:	PUHZ-SW75VHA(-BS)
	Indoor unit:	ERSC-MEC
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	no	
Heat pump combination heater:	no	
Parameters for	medium-temperature application.	
Parameters for	colder climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.3	kW	Seasonal space heating energy efficiency	ηs	101	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.8	kW	Tj = - 7 °C	COPd	2.22	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	2.3	kW	Tj = + 2 °C	COPd	2.93	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.7	kW	Tj = + 7 °C	COPd	4.32	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	4.4	kW	Tj = +12 °C	COPd	6.23	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	1.28	-
Tj = operation limit temperature	Pdh	6.0	kW	Tj = operation limit temperature	COPd	1.28	-
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 temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	6.3	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				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	3300	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 68	dBA				
Annual energy consumption	Q _{HE}	5967	kWh				

For heat pump combination heater:							
Declared load profile	-			Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

Model(s):	Outdoor unit:	PUHZ-SW75VHA(-BS)
	Indoor unit:	ERSC-MEC
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	no	
Heat pump combination heater:	no	
Parameters for	low-temperature application.	
Parameters for	colder climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.4	kW	Seasonal space heating energy efficiency	ηs	141	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.9	kW	Tj = - 7 °C	COPd	3.55	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	2.4	kW	Tj = + 2 °C	COPd	3.91	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	5.54	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	4.6	kW	Tj = +12 °C	COPd	7.50	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	6.1	kW	Tj = bivalent temperature	COPd	1.28	-
Tj = operation limit temperature	Pdh	6.1	kW	Tj = operation limit temperature	COPd	1.28	-
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 temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	6.4	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				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	3300	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 68	dBA				
Annual energy consumption	Q _{HE}	4379	kWh				

For heat pump combination heater:							
Declared load profile	-			Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

Model(s):	Outdoor unit:	PUHZ-SW75VHA(-BS)
	Indoor unit:	ERSC-MEC
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	no	
Heat pump combination heater:	no	
Parameters for	medium-temperature application.	
Parameters for	warmer climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηs	155	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	7.1	kW	Tj = + 2 °C	COPd	1.99	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	4.6	kW	Tj = + 7 °C	COPd	3.20	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	4.2	kW	Tj = +12 °C	COPd	5.50	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	6.3	kW	Tj = bivalent temperature	COPd	1.85	-
Tj = operation limit temperature	Pdh	6.0	kW	Tj = operation limit temperature	COPd	1.28	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	3300	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 68	dBA				
Annual energy consumption	Q _{HE}	2389	kWh				

For heat pump combination heater:							
Declared load profile	-			Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

Model(s):	Outdoor unit:	PUHZ-SW75VHA(-BS)
	Indoor unit:	ERSC-MEC
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	no	
Heat pump combination heater:	no	
Parameters for	low-temperature application.	
Parameters for	warmer climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.2	kW	Seasonal space heating energy efficiency	ηs	236	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	7.2	kW	Tj = + 2 °C	COPd	2.87	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	4.7	kW	Tj = + 7 °C	COPd	5.83	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	4.5	kW	Tj = +12 °C	COPd	7.05	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	6.4	kW	Tj = bivalent temperature	COPd	2.98	-
Tj = operation limit temperature	Pdh	6.0	kW	Tj = operation limit temperature	COPd	1.28	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	3300	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 68	dBA				
Annual energy consumption	Q _{HE}	2389	kWh				

For heat pump combination heater:							
Declared load profile	-			Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

Model(s):	Outdoor unit:	PUHZ-SW75VHA(-BS)
	Indoor unit:	ERSD-***C
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	medium-temperature application.	
Parameters for	average climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηs	129	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.3	kW	Tj = - 7 °C	COPd	1.95	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 2 °C	COPd	3.24	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.7	kW	Tj = + 7 °C	COPd	4.46	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	4.3	kW	Tj = +12 °C	COPd	5.89	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = bivalent temperature	Pdh	6.3	kW	Tj = bivalent temperature	COPd	1.95	-
Tj = operation limit temperature	Pdh	6.0	kW	Tj = operation limit temperature	COPd	1.35	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.9	kW
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	3300	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 68	dBA				
Annual energy consumption	Q _{HE}	4403	kWh				

For heat pump combination heater:							
Declared load profile	-			Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

Model(s):	Outdoor unit:	PUHZ-SW75VHA(-BS)
	Indoor unit:	ERSD-***C
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	low-temperature application.	
Parameters for	average climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.2	kW	Seasonal space heating energy efficiency	ηs	167	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.4	kW	Tj = - 7 °C	COPd	2.98	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 2 °C	COPd	4.04	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	5.55	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	4.6	kW	Tj = +12 °C	COPd	7.50	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	6.4	kW	Tj = bivalent temperature	COPd	2.98	-
Tj = operation limit temperature	Pdh	6.0	kW	Tj = operation limit temperature	COPd	1.28	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.9	kW
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	3300	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 68	dBA				
Annual energy consumption	Q _{HE}	3449	kWh				

For heat pump combination heater:							
Declared load profile	-			Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

Model(s):	Outdoor unit:	PUHZ-SW75VHA(-BS)
	Indoor unit:	ERSD-***C
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.3	kW	Seasonal space heating energy efficiency	ηs	101	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.8	kW	Tj = - 7 °C	COPd	2.22	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	2.3	kW	Tj = + 2 °C	COPd	2.93	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.7	kW	Tj = + 7 °C	COPd	4.32	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	4.4	kW	Tj = +12 °C	COPd	6.23	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	1.28	-
Tj = operation limit temperature	Pdh	6.0	kW	Tj = operation limit temperature	COPd	1.28	-
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 temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	6.3	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				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	3300	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 68	dBA				
Annual energy consumption	Q _{HE}	5967	kWh				

For heat pump combination heater:							
Declared load profile	-			Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

Model(s):	Outdoor unit:	PUHZ-SW75VHA(-BS)
	Indoor unit:	ERSD-***C
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	low-temperature application.	
Parameters for	colder climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	6.4	kW	Seasonal space heating energy efficiency	ηs	141	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.9	kW	Tj = - 7 °C	COPd	3.55	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	2.4	kW	Tj = + 2 °C	COPd	3.91	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	5.54	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	4.6	kW	Tj = +12 °C	COPd	7.50	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	6.1	kW	Tj = bivalent temperature	COPd	1.28	-
Tj = operation limit temperature	Pdh	6.1	kW	Tj = operation limit temperature	COPd	1.28	-
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 temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	6.4	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				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	3300	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 68	dBA				
Annual energy consumption	Q _{HE}	4379	kWh				

For heat pump combination heater:							
Declared load profile	-			Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

Model(s):	Outdoor unit:	PUHZ-SW75VHA(-BS)
	Indoor unit:	ERSD-***C
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	medium-temperature application.	
Parameters for	warmer climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηs	155	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	7.1	kW	Tj = + 2 °C	COPd	1.99	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	4.6	kW	Tj = + 7 °C	COPd	3.20	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	4.2	kW	Tj = +12 °C	COPd	5.50	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	6.3	kW	Tj = bivalent temperature	COPd	1.85	-
Tj = operation limit temperature	Pdh	6.0	kW	Tj = operation limit temperature	COPd	1.28	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	3300	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 68	dBA				
Annual energy consumption	Q _{HE}	2389	kWh				

For heat pump combination heater:							
Declared load profile	-			Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

Model(s):	Outdoor unit:	PUHZ-SW75VHA(-BS)
	Indoor unit:	ERSD-***C
Air-to-water heat pump:	yes	
Water-to-water heat pump:	no	
Brine-to-water heat pump:	no	
Low-temperature heat pump:	no	
Equipped with a supplementary heater:	yes	
Heat pump combination heater:	no	
Parameters for	low-temperature application.	
Parameters for	warmer climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.2	kW	Seasonal space heating energy efficiency	ηs	236	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	7.2	kW	Tj = + 2 °C	COPd	2.87	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	4.7	kW	Tj = + 7 °C	COPd	5.83	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	4.5	kW	Tj = +12 °C	COPd	7.05	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	6.4	kW	Tj = bivalent temperature	COPd	2.98	-
Tj = operation limit temperature	Pdh	6.0	kW	Tj = operation limit temperature	COPd	1.28	-
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 active mode				Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{TO}	0.015	kW				
Standby mode	P _{SB}	0.015	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	3300	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40 / 68	dBA				
Annual energy consumption	Q _{HE}	2389	kWh				

For heat pump combination heater:							
Declared load profile	-			Water heating energy efficiency	ηwh	-	%
Daily electricity consumption	Qelec	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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