



ENERG

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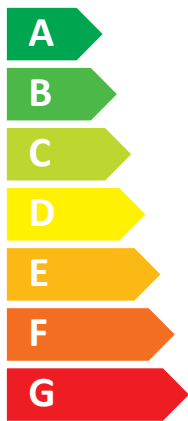


Indoor unit
Outdoor unit

E*ST20D-**C(W)
SUHZ-SW45VA



A++



A



40 dB



61 dB



■ 03 kW

■ **05 kW**

■ 05 kW

2015

811/2013

RG79Y744H01



For medium-temperature application.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
																								Outdoor unit
						kW	kWh	kWh	%	%	dB	hours	kW	kW	kWh	kWh	kWh	kWh	%	%	%	%	dB	
SUHZ-SW45VA	EHST20D-MEC	✓	✓	A++	A	4.6	2886	1010	126	109	40	-	2.8	4.6	2760	1587	1220	895	97	150	90	123	61	
		EHST20D-VM2C	✓	✓	A++	A	4.6	2886	1010	126	109	40	-	2.8	4.6	2760	1587	1220	895	97	150	90	123	61
		EHST20D-VM2C2	✓	✓	A++	A	4.6	2886	678	126	159	40	-	2.8	4.6	2760	1587	839	624	97	150	128	173	61
		EHST20D-VM2EC	✓	✓	A++	A	4.6	2886	1010	126	109	40	-	2.8	4.6	2760	1587	1220	895	97	150	90	123	61
		EHST20D-YM9C	✓	✓	A++	A	4.6	2886	1010	126	109	40	-	2.8	4.6	2760	1587	1220	895	97	150	90	123	61
		EHST20D-MHC	✓	✓	A++	A	4.6	2886	1010	126	109	40	-	2.8	4.6	2760	1587	1220	895	97	150	90	123	61
		ERST20D-MEC	✓	✓	A++	A	4.6	2886	1010	128	109	40	-	2.8	4.6	2760	1587	1220	895	99	153	90	123	61
		ERST20D-VM2C	✓	✓	A++	A	4.6	2886	1010	128	109	40	-	2.8	4.6	2760	1587	1220	895	99	153	90	123	61
		ERST20D-VM2C2	✓	✓	A++	A	4.6	2886	678	128	159	40	-	2.8	4.6	2760	1587	839	624	99	153	128	173	61
		ERST20D-MHCW	✓	✓	A++	A	4.6	2886	1010	126	109	40	-	2.8	4.6	2760	1587	1220	895	97	150	90	123	61
SUHZ-SW45VAH	EHST20D-MEC	✓	✓	A+	A	4.6	3146	1010	116	109	40	-	2.8	4.6	2899	1595	1220	895	92	149	90	123	61	
		EHST20D-VM2C	✓	✓	A+	A	4.6	3146	1010	116	109	40	-	2.8	4.6	2899	1595	1220	895	92	149	90	123	61
		EHST20D-VM2C2	✓	✓	A+	A	4.6	3146	678	116	159	40	-	2.8	4.6	2889	1595	839	624	92	149	128	173	61
		EHST20D-VM2EC	✓	✓	A+	A	4.6	3146	1010	116	109	40	-	2.8	4.6	2899	1595	1220	895	92	149	90	123	61
		EHST20D-YM9C	✓	✓	A+	A	4.6	3146	1010	116	109	40	-	2.8	4.6	2899	1595	1220	895	92	149	90	123	61
		EHST20D-MHC	✓	✓	A+	A	4.6	3146	1010	116	109	40	-	2.8	4.6	2899	1595	1220	895	92	149	90	123	61
		ERST20D-MEC	✓	✓	A+	A	4.6	3146	1010	118	109	40	-	2.8	4.6	2899	1595	1220	895	94	152	90	123	61
		ERST20D-VM2C	✓	✓	A+	A	4.6	3146	1010	118	109	40	-	2.8	4.6	2899	1595	1220	895	94	152	90	123	61
		ERST20D-VM2C2	✓	✓	A+	A	4.6	3146	678	118	159	40	-	2.8	4.6	2889	1595	839	624	94	152	128	173	61
		ERST20D-MHCW	✓	✓	A+	A	4.6	3146	1010	116	109	40	-	2.8	4.6	2899	1595	1220	895	92	149	90	123	61

For low-temperature application.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
																								Outdoor unit
						kW	kWh	kWh	%	%	dB	hours	kW	kW	kWh	kWh	kWh	kWh	%	%	%	%	dB	
SUHZ-SW45VA	EHST20D-MEC	✓	✓	A++	A	5.0	2284	1010	170	109	40	-	3.7	5.0	2344	1200	1220	895	145	212	90	123	61	
		EHST20D-VM2C	✓	✓	A++	A	5.0	2284	1010	170	109	40	-	3.7	5.0	2344	1200	1220	895	145	212	90	123	61
		EHST20D-VM2C2	✓	✓	A++	A	5.0	2284	678	170	159	40	-	3.7	5.0	2344	1200	839	624	145	212	128	173	61
		EHST20D-VM2EC	✓	✓	A++	A	5.0	2284	1010	170	109	40	-	3.7	5.0	2344	1200	1220	895	145	212	90	123	61
		EHST20D-YM9C	✓	✓	A++	A	5.0	2284	1010	170	109	40	-	3.7	5.0	2344	1200	1220	895	145	212	90	123	61
		EHST20D-MHC	✓	✓	A++	A	5.0	2284	1010	170	109	40	-	3.7	5.0	2344	1200	1220	895	145	212	90	123	61
		ERST20D-MEC	✓	✓	A++	A	5.0	2284	1010	174	109	40	-	3.7	5.0	2344	1200	1220	895	149	218	90	123	61
		ERST20D-VM2C	✓	✓	A++	A	5.0	2284	1010	174	109	40	-	3.7	5.0	2344	1200	1220	895	149	218	90	123	61
		ERST20D-VM2C2	✓	✓	A++	A	5.0	2284	678	174	159	40	-	3.7	5.0	2344	1200	839	624	149	218	128	173	61
		ERST20D-MHCW	✓	✓	A++	A	5.0	2284	1010	170	109	40	-	3.7	5.0	2344	1200	1220	895	145	212	90	123	61
SUHZ-SW45VAH	EHST20D-MEC	✓	✓	A+	A	5.0	2549	1010	153	109	40	-	3.7	5.0	2435	1208	1220	895	140	211	90	123	61	
		EHST20D-VM2C	✓	✓	A+	A	5.0	2549	1010	153	109	40	-	3.7	5.0	2435	1208	1220	895	140	211	90	123	61
		EHST20D-VM2C2	✓	✓	A+	A	5.0	2549	678	153	159	40	-	3.7	5.0	2435	1208	839	624	140	211	128	173	61
		EHST20D-VM2EC	✓	✓	A+	A	5.0	2549	1010	153	109	40	-	3.7	5.0	2435	1208	1220	895	140	211	90	123	61
		EHST20D-YM9C	✓	✓	A+	A	5.0	2549	1010	153	109	40	-	3.7	5.0	2435	1208	1220	895	140	211	90	123	61
		EHST20D-MHC	✓	✓	A+	A	5.0	2549	1010	153	109	40	-	3.7	5.0	2435	1208	1220	895	140	211	90	123	61
		ERST20D-MEC	✓	✓	A+	A	5.0	2549	1010	156	109	40	-	3.7	5.0	2435	1208	1220	895	145	217	90	123	61
		ERST20D-VM2C	✓	✓	A+	A	5.0	2549	1010	156	109	40	-	3.7	5.0	2435	1208	1220	895	145	217	90	123	61
		ERST20D-VM2C2	✓	✓	A+	A	5.0	2549	678	156	159	40	-	3.7	5.0	2435	1208	839	624	145	217	128	173	61
		ERST20D-MHCW	✓	✓	A+	A	5.0	2549	1010	153	109	40	-	3.7	5.0	2435	1208	1220	895	140	211	90	123	61

For medium-temperature application.

1	2	25	26	27	28	29	30	31	32	33	34	35	36	
														Outdoor unit
			kW	%	kWh	dB	kW	kW	%	%	kWh	kWh	dB	
SUHZ-SW45VA	EHSD-MC	A++	4.6	126	2886	40	2.8	4.6	97	150	2760	1587	61	
		EHSD-MEC	A++	4.6	126	2886	40	2.8	4.6	97	150	2760	1587	61
		EHSD-VM2C	A++	4.6	126	2886	40	2.8	4.6	97	150	2760	1587	61
		EHSD-YM9C	A++	4.6	126	2886	40	2.8	4.6	97	150	2760	1587	61
		ERSD-VM2C	A++	4.6	128	2886	40	2.8	4.6	99	153	2760	1587	61
SUHZ-SW45VAH	EHSD-MC	A+	4.6	116	3146	40	2.8	4.6	92	149	2899	1595	61	
		EHSD-MEC	A+	4.6	116	3146	40	2.8	4.6	92	149	2899	1595	61
		EHSD-VM2C	A+	4.6	116	3146	40	2.8	4.6	92	149	2899	1595	61
		EHSD-YM9C	A+	4.6	116	3146	40	2.8	4.6	92	149	2899	1595	61
		ERSD-VM2C	A+	4.6	118	3146	40	2.8	4.6	94	152	2899	1595	61

For low-temperature application.

1	2	25	26	27	28	29	30	31	32	33	34	35	36

	English	Deutsch	Français	Italiano	Español
	Nederlands suomi	Svenska Čeština	Dansk Български	Português Polski	Ελληνικά
1	Outdoor unit buitenunit Ulkoyksikko	Außengerät Utomhusenhet	unité extérieure Udendørs enhed	unità esterna unidad exterior	unidad exterior Εξωτερική μονάδα
2	Indoor unit Sisäyksikko	Innengerät Inomhusenhet	unité intérieure Indendørs enhed	unità interna unidad interior	unidad interior Εσωτερική μονάδα
3	Medium-temperature application midentemperatuur-toepassing keskilämpötilan sovellus	Mitteltemperaturanwendung mediumtemperaturapplikation středněteplotní aplikace	Application à moyenne température mitteltemperaturanwendung среднетемпературное приложение	le applicazioni a media temperatura a aplicação a média temperatura zastosowania w średnich temperaturach	la aplicación a media temperatura η εφαρμογή σε μέση θερμοκρασία
4	Low-temperature application lagetemperatuur-toepassing matalämpötilan sovellus	Niedertemperaturanwendung lägtemperaturapplikation nízkoteplotní aplikace	Application à basse température lavtemperaturanwendung nízkoteplotní aplikace	le applicazioni a bassa temperatura a aplicação a baixa temperatura zastosowania w niskich temperaturach	la aplicación de baja temperatura η εφαρμογή σε χαμηλή θερμοκρασία
5	Seasonal space heating energy efficiency class de seizoensgebonden energie-efficiëntieklasse voor ruimteverwarming tlälmämyksen kautainen energiatehokkuusluokka	die Klasse für die jahreszeitbedingte Raumheizungs-Energieeffizienz säsongrelaterade energieeffektivitetsklass vid rumsuppvärmning tlälmämyksen kautainen energiatehokkuusluokka	la classe d'efficacité énergétique saisonnière, pour le chauffage des locaux, klassen for årsvirkningsgrad ved rumopvarmning классът на сезонната отоплителна енергийна ефективност	la classe di efficienza energetica stagionale del riscaldamento d'ambiente A classe de eficiência energética do aquecimento ambiente sazonal klasa sezonowej efektywności energetycznej ogrzewania pomieszczeń	la clase de eficiencia energética estacional de calefacción η ετήσια ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου
6	Water heating energy efficiency class de energie-efficiëntieklasse voor waterverwarming vederlämmyksen energiatehokkuusluokka	die Klasse für die Warmwasserbereitungs-Energieeffizienz tlälmämyksen energiatehokkuusluokka	la classe d'efficacité énergétique, pour le chauffage de l'eau klassen for årsvirkningsgrad ved vandopvarmning классът на енергийната ефективност при подгреване на вода	la classe di efficienza energetica del riscaldamento dell'acqua A classe de eficiência energética do aquecimento de água klasa efektywności energetycznej podgrzewania wody	la clase de eficiencia energética del caldeo de agua η τάξη ενεργειακής απόδοσης θέρμανσης νερού
7	Rated heat output under average climate conditions de nominale warmteafgifte (onder gemiddelde klimaatomstandigheden) nimellislämpöteho/keskimääräisissä ilmastoloosuhteissa	die Wärmenleistung bei durchschnittlichen Klimaverhältnissen Den nominella avgivna värmeeffekten (under genomsnittliga klimatförhållanden) jmenovitý tepelný výkon (za průměrných klimatických podmínek)	la puissance thermique nominale dans les conditions climatiques moyennes den nominelle nytteeffekt (under gennemsnitlige klimaforhold) номинальная тепловая мощность (при средних климатических условиях)	la potenza termica nominale (in condizioni climatiche medie) A potência calorífica nominal (em condições climáticas médias) znaniomowa moc cieplna (w warunkach klimatu umiarkowanego)	la potencia calorífica nominal (en condiciones climáticas medias) η ονομαστική θερμική ισχύς (υπό μέσες κλιματικές συνθήκες)
8	For space heating, annual energy consumption under average climate conditions voor ruimteverwarming, het jaarlijkse energieverbruik (onder gemiddelde klimaatomstandigheden) tlälmämyksestä vuotuinen energiankulutus (keskimääräisissä ilmastoloosuhteissa)	für die Raumheizung, den jährlichen Energieverbrauch bei durchschnittlichen Klimaverhältnissen Für rumsuppvärmning, årlig energiförbrukning (i vid genomsnittliga klimatförhållanden) pro vytápění – roční spotřeba energie za průměrných klimatických podmínek	pour le chauffage des locaux, la consommation annuelle d'énergie, (dans les conditions climatiques moyennes) for rumopvarmning det årlige energiforbrug (under gennemsnitlige klimaforhold) за отопление, годичное потребление на энергию (при средних климатических условиях)	per il riscaldamento d'ambiente, il consumo annuo di energia (in condizioni climatiche medie) Para o aquecimento ambiente, o consumo anual de energia (em condições climáticas médias) w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii (w warunkach klimatu umiarkowanego)	para calentar espacios, el consumo anual de energía (en condiciones climáticas medias) για τη θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας (υπό μέσες κλιματικές συνθήκες)
9	For water heating, annual electricity consumption under average climate conditions voor waterverwarming, het jaarlijkse elektriciteitsverbruik (onder gemiddelde klimaatomstandigheden) vederlämmyksestä vuotuinen sähkönkulutus (keskimääräisissä ilmastoloosuhteissa)	für die Warmwasserbereitung, den jährlichen Stromverbrauch bei durchschnittlichen Klimaverhältnissen Für vattenuppvärmning, årlig elförbrukning (vid genomsnittliga klimatförhållanden) pro ohřev vody – roční spotřeba elektrické energie za průměrných klimatických podmínek	pour le chauffage de l'eau, la consommation annuelle d'électricité, (dans les conditions climatiques moyennes) for vandopvarmning det årlige elforbrug (under genomsnittlige klimaforhold) за подгреване на вода, годичното потребление на електроенергия при по-топли климатични условия	per il riscaldamento dell'acqua, il consumo annuo di energia (in condizioni climatiche medie) para o aquecimento de água, o consumo anual de electricidade (em condições climáticas médias) w odniesieniu do podgrzewania wody, roczne zużycie energii elektrycznej (w warunkach klimatu umiarkowanego)	para calentar agua, el consumo anual de electricidad (en condiciones climáticas medias) για την θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας (υπό μέσες κλιματικές συνθήκες)
10	Seasonal space heating energy efficiency under average climate conditions de seizoensgebonden energie-efficiëntie voor ruimteverwarming (onder gemiddelde klimaatomstandigheden) tlälmämyksen kautainen energiatehokkuus (keskimääräisissä ilmastoloosuhteissa)	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen Säsongsmedelverkningsgrad för rumsuppvärmning (vid genomsnittliga klimatförhållanden) sezonní energetická účinnost vytápění za průměrných klimatických podmínek	l'efficacité énergétique saisonnière pour le chauffage des locaux, (dans les conditions climatiques moyennes) årsvirkningsgraden ved rumopvarmning (under genomsnittlige klimaforhold) сезонная энергийна ефективност при отопление (при средних климатических условиях)	l'efficienza energetica stagionale di riscaldamento d'ambiente (in condizioni climatiche medie) A eficiência energética do aquecimento ambiente sazonal (em condições climáticas médias) sezonowa efektywność energetyczna ogrzewania pomieszczeń (w warunkach klimatu umiarkowanego)	la eficiencia energética estacional de calefacción (en condiciones climáticas medias) η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου (υπό μέσες κλιματικές συνθήκες)
11	Water heating energy efficiency under average climate conditions de energie-efficiëntie voor waterverwarming (onder gemiddelde klimaatomstandigheden) vederlämmyksen energiatehokkuus (keskimääräisissä ilmastoloosuhteissa)	die Warmwasserbereitungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen Energieeffektivität vid vattenuppvärmning (vid genomsnittliga klimatförhållanden) energetická účinnost ohřevu vody za průměrných klimatických podmínek	l'efficacité énergétique pour le chauffage de l'eau, (dans les conditions climatiques moyennes) l'efficacité énergétique (under genomsnittlige klimaforhold) енергийната ефективност при подгреване на вода (при средних климатических условиях)	l'efficienza energetica di riscaldamento dell'acqua, (in condizioni climatiche medie) a eficiência energética do aquecimento de água (em condições climáticas médias) efektywność energetyczna podgrzewania wody (w warunkach klimatu umiarkowanego)	la eficiencia energética del caldeo de agua (en condiciones climáticas medias) η ενεργειακή απόδοση θέρμανσης νερού (υπό μέσες κλιματικές συνθήκες)
12	Sound power level LWA indoor het geluidsvermogensniveau LWA binnen ääniteho LWA sisällä	der Schalleistungspegel LWA, in Gebäuden Ljudeffektivnivå LWA i inomhus hádina akustického výkonu LWA ve vnitřním prostoru	le niveau de puissance acoustique LWA, à l'intérieur lydeeffektivnivå LWA i inde нивод на звуковата мощност LWA на закрито	il livello di potenza sonora LWA all'interno O nível de potência sonora LWA no interior poziom mocy akustycznej LWA w pomieszczeniu	el nivel de potencia acústica LWA en interiores η στάθμη ηχητικής ισχύος LWA εσωτερικού χώρου
13	Work only during off-peak hours werken uitsluitend in de daluren toimimaan ainoastaan kulutushuippujen ulkopuolella	dass ein ausschließlicher Betrieb des Kombiheizgerätes zu Schwachlastzeiten drivas uteslutande under perioder med låg belastning provodu pouze mimo špičku	fonctionner qu'en heures creuses fungere uden for spidsbelastningsperioder работи само в часовете извън върховото натоварване	de funcionar unicamente fora das horas de pico pracować jedynie w godzinach poza szczytowym obciążeniem	funcionar solamente durante las horas de baja demanda Λειτουργία μόνο εκτός των ωρών αιχμής
14	Rated heat output under colder climate conditions de nominale warmteafgifte, onder koudere klimaatomstandigheden nimellislämpöteho, kylmissä ilmastoloosuhteissa	die Wärmenleistung bei kälteren Klimaverhältnissen Nominell avgiven värmeeffekt vid kallare klimatförhållanden jmenovitý tepelný výkon za chladnějších klimatických podmínek	la puissance thermique nominale, dans les conditions climatiques plus froides den nominelle nytteeffekt under koldere klimaforhold номинальная тепловая мощность при по-студени климатични условия	la potenza termica nominale, in condizioni climatiche più fredde A potência calorífica nominal em condições climáticas mais frias znaniomowa moc cieplna w warunkach klimatu chłodnego	la potencia calorífica nominal en condiciones climáticas más frías η ονομαστική θερμική ισχύς υπό ψυχρότερες κλιματικές συνθήκες
15	Rated heat output under warmer climate conditions de nominale warmteafgifte, onder warmere klimaatomstandigheden nimellislämpöteho, lämpimissä ilmastoloosuhteissa	die Wärmenleistung bei wärmeren Klimaverhältnissen Nominell avgiven värmeeffekt vid varmare klimatförhållanden jmenovitý tepelný výkon za teplejších klimatických podmínek	la puissance thermique nominale, dans les conditions climatiques plus chaudes den nominelle nytteeffekt under varmere klimaforhold номинальная тепловая мощность при по-топли климатични условия	la potenza termica nominale, in condizioni climatiche più calde A potência calorífica nominal em condições climáticas mais quentes znaniomowa moc cieplna w warunkach klimatu ciepłego	la potencia calorífica nominal en condiciones climáticas más cálidas η ονομαστική θερμική ισχύς υπό θερμότερες κλιματικές συνθήκες
16	For space heating, annual energy consumption under colder climate conditions voor ruimteverwarming, het jaarlijkse energieverbruik onder koudere klimaatomstandigheden tlälmämyksestä vuotuinen energiankulutus kylmissä ilmastoloosuhteissa	für die Raumheizung, den jährlichen Energieverbrauch bei kälteren Klimaverhältnissen Für rumsuppvärmning, årlig energiförbrukning under kallare klimatförhållanden pro vytápění – roční spotřeba energie za chladnějších klimatických podmínek	pour le chauffage des locaux, la consommation annuelle d'énergie, (dans les conditions climatiques plus froides) for rumopvarmning det årlige energiforbrug under koldere klimaforhold за отопление, годичное потребление на энергию при по-студени климатични условия	per il riscaldamento d'ambiente, il consumo annuo di energia, in condizioni climatiche più fredde Para o aquecimento ambiente, o consumo anual de energia em condições climáticas mais frias w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii w warunkach klimatu chłodnego	para calentar espacios, el consumo anual de energía en condiciones climáticas más frías για θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας υπό ψυχρότερες κλιματικές συνθήκες
17	For space heating, annual energy consumption under warmer climate conditions voor ruimteverwarming, het jaarlijkse energieverbruik onder warmere klimaatomstandigheden tlälmämyksestä vuotuinen energiankulutus lämpimissä ilmastoloosuhteissa	für die Raumheizung, den jährlichen Energieverbrauch bei wärmeren Klimaverhältnissen Für rumsuppvärmning, årlig energiförbrukning under varmare klimatförhållanden pro vytápění – roční spotřeba energie za teplejších klimatických podmínek	pour le chauffage des locaux, la consommation annuelle d'énergie, (dans les conditions climatiques plus chaudes) for rumopvarmning det årlige energiforbrug under varmere klimaforhold за отопление, годичное потребление на энергию при по-топли климатични условия	per il riscaldamento d'ambiente, il consumo annuo di energia, in condizioni climatiche più calde Para o aquecimento ambiente, o consumo anual de energia em condições climáticas mais quentes w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii w warunkach klimatu ciepłego	para calentar espacios, el consumo anual de energía en condiciones climáticas más cálidas για θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας υπό θερμότερες κλιματικές συνθήκες
18	For water heating, annual energy consumption under colder climate conditions voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder koudere klimaatomstandigheden vederlämmyksestä vuotuinen sähkönkulutus kylmissä ilmastoloosuhteissa	für die Warmwasserbereitung, den jährlichen Stromverbrauch bei kälteren Klimaverhältnissen Für vattenuppvärmning, årlig elförbrukning under kallare klimatförhållanden pro ohřev vody – roční spotřeba elektrické energie za chladnějších klimatických podmínek	pour le chauffage de l'eau, la consommation annuelle d'électricité, (dans les conditions climatiques plus froides) for vandopvarmning det årlige elforbrug under koldere klimaforhold за подгреване на вода, годичното потребление на електроенергия при по-студени климатични условия	per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde e più calde para o aquecimento de água, o consumo anual de electricidade em condições climáticas mais frias w odniesieniu do podgrzewania wody, roczne zużycie energii elektrycznej w warunkach klimatu chłodnego	para calentar agua, el consumo anual de electricidad en condiciones climáticas más frías για θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας υπό ψυχρότερες κλιματικές συνθήκες

	English	Deutsch	Français	Italiano	Español
	Nederlands suomi	Svenska Čeština	Dansk Български	Português Polski	Ελληνικά
19	For water heating, annual energy consumption under warmer climate conditions voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder warmere klimaatomstandigheden vederlämmyksestä vuotuinen sähkönkulutus lämpimissä ilmastoloosuhteissa	für die Warmwasserbereitung, den jährlichen Stromverbrauch bei wärmeren Klimaverhältnissen Für vattenuppvärmning, årlig elförbrukning under varmare klimatförhållanden pro ohřev vody – roční spotřeba elektrické energie za teplejších klimatických podmínek	pour le chauffage de l'eau, la consommation annuelle d'électricité, (dans les conditions climatiques plus chaudes) for vandopvarmning det årlige elforbrug under varmere klimaforhold за подгреване на вода, годичното потребление на електроенергия при по-топли климатични условия	per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde e più calde para o aquecimento de água, o consumo anual de electricidade em condições climáticas mais quentes w odniesieniu do podgrzewania wody, roczne zużycie energii elektrycznej w warunkach klimatu ciepłego	para calentar agua, el consumo anual de electricidad en condiciones climáticas más cálidas για θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας υπό θερμότερες κλιματικές συνθήκες
20	Seasonal space heating energy efficiency under colder climate conditions de seizoensgebonden energie-efficiëntie voor ruimteverwarming onder koudere klimaatomstandigheden tlälmämyksen kautainen energiatehokkuus kylmissä ilmastoloosuhteissa	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei kälteren Klimaverhältnissen Säsongsmedelverkningsgrad för rumsuppvärmning under kallare klimatförhållanden sezonní energetická účinnost vytápění za chladnějších klimatických podmínek	l'efficacité énergétique saisonnière pour le chauffage des locaux, (dans les conditions climatiques plus froides) årsvirkningsgraden ved rumopvarmning under koldere klimaforhold сезонная энергийна ефективност при отопление при по-студени климатични условия	l'efficienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più fredde A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais frias sezonowa efektywność energetyczna ogrzewania pomieszczeń w warunkach klimatu chłodnego	la eficiencia energética estacional de calefacción en condiciones climáticas más frías η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου υπό ψυχρότερες κλιματικές συνθήκες
21	Seasonal space heating energy efficiency under warmer climate conditions de seizoensgebonden energie-efficiëntie voor ruimteverwarming onder warmere klimaatomstandigheden tlälmämyksen kautainen energiatehokkuus lämpimissä ilmastoloosuhteissa	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei wärmeren Klimaverhältnissen Säsongsmedelverkningsgrad för rumsuppvärmning under varmare klimatförhållanden sezonní energetická účinnost vytápění za teplejších klimatických podmínek	l'efficacité énergétique saisonnière pour le chauffage des locaux, (dans les conditions climatiques plus chaudes) årsvirkningsgraden ved rumopvarmning under varmere klimaforhold сезонная энергийна ефективност при отопление при по-топли климатични условия	l'efficienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più calde A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais quentes sezonowa efektywność energetyczna ogrzewania pomieszczeń w warunkach klimatu ciepłego	la eficiencia energética estacional de calefacción en condiciones climáticas más cálidas η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου υπό θερμότερες κλιματικές συνθήκες
22	Water heating energy efficiency under colder climate conditions de energie-efficiëntie voor waterverwarming onder koudere klimaatomstandigheden vederlämmyksen energiatehokkuus kylmissä ilmastoloosuhteissa	die Warmwasserbereitungs-Energieeffizienz bei kälteren Klimaverhältnissen Energieeffektivität vid vattenuppvärmning under kallare klimatförhållanden energetická účinnost ohřevu vody za chladnějších klimatických podmínek	l'efficacité énergétique pour le chauffage de l'eau, (dans les conditions climatiques plus froides) energieeffektivitet ved vandopvarmning under koldere klimaforhold енергийната ефективност при подгреване на вода при по-студени климатични условия	l'efficienza energetica di riscaldamento dell'acqua in condizioni climatiche più fredde a eficiência energética do aquecimento de água em condições climáticas mais frias efektywność energetyczna podgrzewania wody w warunkach klimatu chłodnego	la eficiencia energética de caldeo de agua en condiciones climáticas más frías η ενεργειακή απόδοση θέρμανσης νερού υπό ψυχρότερες κλιματικές συνθήκες
23	Water heating energy efficiency under warmer climate conditions de energie-efficiëntie voor waterverwarming onder warmere klimaatomstandigheden vederlämmyksen energiatehokkuus kylmissä ilmastoloosuhteissa	die Warmwasserbereitungs-Energieeffizienz bei wärmeren Klimaverhältnissen Energieeffektivität vid vattenuppvärmning under varmare klimatförhållanden energetická účinnost ohřevu vody za teplejších klimatických podmínek	l'efficacité énergétique pour le chauffage de l'eau, (dans les conditions climatiques plus chaudes) energieeffektivitet ved vandopvarmning under varmere klimaforhold енергийната ефективност при подгреване на вода при по-топли климатични условия	l'efficienza energetica di riscaldamento dell'acqua in condizioni climatiche più calde a eficiência energética do aquecimento de água em condições climáticas mais quentes efektywność energetyczna podgrzewania wody w warunkach klimatu ciepłego	la eficiencia energética de caldeo de agua en condiciones climáticas más cálidas η ενεργειακή απόδοση θέρμανσης νερού υπό θερμότερες κλιματικές συνθήκες
24	Sound power level LWA outdoor het geluidsvermogensniveau LWA buiten ääniteho LWA ulkona	der Schalleistungspegel LWA im Freien Ljudeffektivnivå i utomhus hádina akustického výkonu LWA ve venkovním prostoru	le niveau de puissance acoustique LWA à l'extérieur lydeeffektivnivå LWA i ude нивод на звуковата мощност LWA на открито	il livello di potenza sonora LWA all'esterno O nível de potência sonora LWA no exterior poziom mocy akustycznej LWA na zewnątrz	el nivel de potencia acústica LWA en exteriores η στάθμη ηχητικής ισχύος LWA εσωτερικού χώρου
25	Seasonal space heating energy efficiency class de seizoensgebonden energie-efficiëntieklasse voor ruimteverwarming tlälmämyksen kautainen energiatehokkuusluokka	die Klasse für die jahreszeitbedingte Raumheizungs-Energieeffizienz säsongrelaterade energieeffektivitetsklass vid rumsuppvärmning tlälmämyksen kautainen energiatehokkuusluokka	la classe d'efficacité énergétique saisonnière, pour le chauffage des locaux, klassen for årsvirkningsgrad ved rumopvarmning классът на сезонната отоплителна енергийна ефективност	la classe di efficienza energetica stagionale del riscaldamento d'ambiente A classe de eficiência energética do aquecimento ambiente sazonal klasa sezonowej efektywności energetycznej ogrzewania pomieszczeń	la clase de eficiencia energética estacional de calefacción η ετήσια ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου
26	Rated heat output under average climate conditions de nominale warmteafgifte (onder gemiddelde klimaatomstandigheden) nimellislämpöteho/keskimääräisissä ilmastoloosuhteissa	die Wärmenleistung bei durchschnittlichen Klimaverhältnissen Den nominella avgivna värmeeffekten (under genomsnittliga klimatförhållanden) jmenovitý tepelný výkon (za průměrných klimatických podmínek)	la puissance thermique nominale dans les conditions climatiques moyennes den nominelle nytteeffekt (under genomsnittlige klimaforhold) номинальная тепловая мощность (при средних климатических условиях)	la potenza termica nominale (in condizioni climatiche medie) A potência calorífica nominal (em condições climáticas médias) znaniomowa moc cieplna (w warunkach klimatu umiarkowanego)	la potencia calorífica nominal (en condiciones climáticas medias) η ονομαστική θερμική ισχύς (υπό μέσες κλιματικές συνθήκες)
27	Seasonal space heating energy efficiency under average climate conditions de seizoensgebonden energie-efficiëntie voor ruimteverwarming (onder gemiddelde klimaatomstandigheden) tlälmämyksen kautainen energiatehokkuus (keskimääräisissä ilmastoloosuhteissa)	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen Säsongsmedelverkningsgrad för rumsuppvärmning (vid genomsnittliga klimatförhållanden) sezonní energetická účinnost vytápění za průměrných klimatických podmínek	l'efficacité énergétique saisonnière pour le chauffage des locaux, (dans les conditions climatiques moyennes) årsvirkningsgraden ved rumopvarmning (under genomsnittlige klimaforhold) сезонная энергийна ефективност при отопление (при средних климатических условиях)	l'efficienza energetica stagionale di riscaldamento d'ambiente (in condizioni climatiche medie) A eficiência energética do aquecimento ambiente sazonal (em condições climáticas médias) sezonowa efektywność energetyczna ogrzewania pomieszczeń (w warunkach klimatu umiarkowanego)	la eficiencia energética estacional de calefacción (en condiciones climáticas medias) η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου (υπό μέσες κλιματικές συνθήκες)
28	Annual energy consumption under average climate conditions het jaarlijkse energieverbruik (onder gemiddelde klimaatomstandigheden) vuotuinen energiankulutus (keskimääräisissä ilmastoloosuhteissa)	den jährlichen Energieverbrauch bei durchschnittlichen Klimaverhältnissen årlig energiförbrukning (i vid genomsnittliga klimatförhållanden) roční spotřeba energie za průměrných klimatických podmínek	la consommation annuelle d'énergie, (dans les conditions climatiques moyennes) det årlige energiforbrug (under genomsnittlige klimaforhold) годишното потребление на енергия (при средних климатических условиях)	il consumo annuo di energia (in condizioni climatiche medie) o consumo anual de energia (em condições climáticas médias) roczne zużycie energii (w warunkach klimatu umiarkowanego)	el consumo anual de energía (en condiciones climáticas medias) η ετήσια κατανάλωση ενέργειας (υπό μέσες κλιματικές συνθήκες)
29	Sound power level LWA indoor het geluidsvermogensniveau LWA binnen ääniteho LWA sisällä	der Schalleistungspegel LWA, in Gebäuden Ljudeffektivnivå LWA i inomhus hádina akustického výkonu LWA ve vnitřním prostoru	le niveau de puissance acoustique LWA, à l'intérieur lydeeffektivnivå LWA i inde нивод на звуковата мощност LWA на закрито	il livello di potenza sonora LWA all'interno O nível de potência sonora LWA no interior poziom mocy akustycznej LWA w pomieszczeniu	el nivel de potencia acústica LWA en interiores η στάθμη ηχητικής ισχύος LWA εσωτερικού χώρου
30	Rated heat output under colder climate conditions de nominale warmteafgifte, onder koudere klimaatomstandigheden nimellislämpöteho, kylmissä ilmastoloosuhteissa	die Wärmenleistung bei kälteren Klimaverhältnissen Nominell avgiven värmeeffekt vid kallare klimatförhållanden jmenovitý tepelný výkon za chladnějších klimatických podmínek	la puissance thermique nominale, dans les conditions climatiques plus froides den nominelle nytteeffekt under koldere klimaforhold номинальная тепловая мощность при по-студени климатични условия	la potenza termica nominale, in condizioni climatiche più fredde A potência calorífica nominal em condições climáticas mais frias znaniomowa moc cieplna w warunkach klimatu chłodnego	la potencia calorífica nominal en condiciones climáticas más frías η ονομαστική θερμική ισχύς υπό ψυχρότερες κλιματικές συνθήκες
31	Rated heat output under warmer climate conditions de nominale warmteafgifte, onder warmere klimaatomstandigheden nimellislämpöteho, lämpimissä ilmastoloosuhteissa	die Wärmenleistung bei wärmeren Klimaverhältnissen Nominell avgiven värmeeffekt vid varmare klimatförhållanden jmenovitý tepelný výkon za teplejších klimatických podmínek	la puissance thermique nominale, dans les conditions climatiques plus chaudes den nominelle nytteeffekt under varmere klimaforhold номинальная тепловая мощность при по-топли климатични условия	la potenza termica nominale, in condizioni climatiche più calde A potência calorífica nominal em condições climáticas mais quentes znaniomowa moc cieplna w warunkach klimatu ciepłego	la potencia calorífica nominal en condiciones climáticas más cálidas η ονομαστική θερμική ισχύς υπό θερμότερες κλιματικές συνθήκες
32	Seasonal space heating energy efficiency under colder climate conditions de seizoensgebonden energie-efficiëntie voor ruimteverwarming onder koudere klimaatomstandigheden tlälmämyksen kautainen energiatehokkuus kylmissä ilmastoloosuhteissa	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei kälteren Klimaverhältnissen Säsongsmedelverkningsgrad för rumsuppvärmning under kallare klimatförhållanden sezonní energetická účinnost vytápění za chladnějších klimatických podmínek	l'efficacité énergétique saisonnière pour le chauffage des locaux, (dans les conditions climatiques plus froides) årsvirkningsgraden ved rumopvarmning under koldere klimaforhold сезонная энергийна ефективност при отопление при по-студени климатични условия	l'efficienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più fredde A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais frias sezonowa efektywność energetyczna ogrzewania pomieszczeń w warunkach klimatu chłodnego	la eficiencia energética estacional de calefacción en condiciones climáticas más frías η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου υπό ψυχρότερες κλιματικές συνθήκες
33	Seasonal space heating energy efficiency under warmer climate conditions de seizoensgebonden energie-efficiëntie voor ruimteverwarming onder warmere klimaatomstandigheden tlälmämyksen kautainen energiatehokkuus lämpimissä ilmastoloosuhteissa	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei wärmeren Klimaverhältnissen Säsongsmedelverkningsgrad för rumsuppvärmning under varmare klimatförhållanden sezonní energetická účinnost vytápění za teplejších klimatických podmínek	l'efficacité énergétique saisonnière pour le chauffage des locaux, (dans les conditions climatiques plus chaudes) årsvirkningsgraden ved rumopvarmning under varmere klimaforhold сезонная энергийна ефективност при отопление при по-топли климатични условия	l'efficienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più calde A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais quentes sezonowa efektywność energetyczna ogrzewania pomieszczeń w warunkach klimatu ciepłego	la eficiencia energética estacional de calefacción en condiciones climáticas más cálidas η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου υπό θερμότερες κλιματικές συνθήκες
34	Annual energy consumption under colder climate conditions het jaarlijkse energieverbruik onder koudere klimaatomstandigheden vuotuinen energiankulutus kylmissä ilmastoloosuhteissa	den jährlichen Energieverbrauch bei kälteren Klimaverhältnissen årlig energiförbrukning under kallare klimatförhållanden roční spotřeba energie za chladnějších klimatických podmínek	la consommation annuelle d'énergie, (dans les conditions climatiques plus froides) det årlige energiforbrug under koldere klimaforhold годишното потребление на енергия при по-студени климатични условия	il consumo annuo di energia, in condizioni climatiche più fredde o consumo anual de energia em condições climáticas mais frias roczne zużycie energii w warunkach klimatu chłodnego	el consumo anual de energía en condiciones climáticas más frías η ετήσια κατανάλωση ενέργειας υπό ψυχρότερες κλιματικές συνθήκες
35	Annual energy consumption under warmer climate conditions het jaarlijkse energieverbruik onder warmere klimaatomstandigheden vuotuinen energiankulutus lämpimissä ilmastoloosuhteissa	den jährlichen Energieverbrauch bei wärmeren Klimaverhältnissen årlig energiförbrukning under varmare klimatförhållanden roční spotřeba energie za teplejších klimatických podmínek	la consommation annuelle d'énergie, (dans les conditions climatiques plus chaudes) det årlige energiforbrug under varmere klimaforhold годишното потребление на енергия при по-топли климатични условия	il consumo annuo di energia, in condizioni climatiche più calde o consumo anual de energia em condições climáticas mais quentes roczne zużycie energii w warunkach klimatu ciepłego	el consumo anual de energía en condiciones climáticas más cálidas η ετήσια κατανάλωση ενέργειας υπό θερμότερες κλιματικές συνθήκες
36	Sound power level LWA outdoor het geluidsvermogensniveau LWA buiten ääniteho LWA ulkona	der Schalleistungspegel LWA im Freien Ljudeffektivnivå i utomhus hádina akustického výkonu LWA ve venkovním prostoru	le niveau de puissance acoustique LWA à l'extérieur lydeeffektivnivå LWA i ude нивод на звуковата мощност LWA на открито	il livello di potenza sonora LWA all'esterno O nível de potência sonora LWA no exterior poziom mocy akustycznej LWA na zewnątrz	el nivel de potencia acústica LWA en exteriores η στάθμη ηχητικής ισχύος LWA εσωτερικού χώρου

Model(s):	Outdoor unit:	SUHZ-SW45VA
	Indoor unit:	EHST20D-VM2C2
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	4.6	kW	Seasonal space heating energy efficiency	η_s	126	%
Declared capacity for heating for part load at indoor <input type="checkbox"/> 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}	4.1	kW	T _j = - 7 °C	COP _d	1.78	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = + 2 °C	P _{dh}	2.5	kW	T _j = + 2 °C	COP _d	3.29	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = + 7 °C	P _{dh}	3.1	kW	T _j = + 7 °C	COP _d	4.40	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = +12 °C	P _{dh}	2.8	kW	T _j = +12 °C	COP _d	6.71	-
Degradation co-efficient (**)	C _{dh}	0.97	-				
T _j = bivalent temperature	P _{dh}	4.1	kW	T _j = bivalent temperature	COP _d	1.78	-
T _j = operation limit temperature	P _{dh}	2.7	kW	T _j = operation limit temperature	COP _d	1.27	-
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	-15	°C
				Heating water operating limit temperature	WTOL	55	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.010	kW	Rated heat output (*)	P _{sup}	1.0	kW
Thermostat-off mode	P _{TO}	0.010	kW				
Standby mode	P _{SB}	0.010	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control		variable		-	2670	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	40/61	dB(A)				
Annual energy consumption	Q _{HE}	2886	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile		L		η_{wh}	159	%	
Daily electricity consumption	Q _{elec}	3.100	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:	SUHZ-SW45VA
	Indoor unit:	EHST20D-VM2C2
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	5.0	kW	Seasonal space heating energy efficiency	η_s	170	%
Declared capacity for heating for part load at indoor <input type="checkbox"/> 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}	4.4	kW	T _j = - 7 °C	COP _d	2.82	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = + 2 °C	P _{dh}	2.7	kW	T _j = + 2 °C	COP _d	4.41	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = + 7 °C	P _{dh}	3.3	kW	T _j = + 7 °C	COP _d	5.48	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = +12 °C	P _{dh}	2.5	kW	T _j = +12 °C	COP _d	8.60	-
Degradation co-efficient (**)	C _{dh}	0.97	-				
T _j = bivalent temperature	P _{dh}	4.4	kW	T _j = bivalent temperature	COP _d	2.82	-
T _j = operation limit temperature	P _{dh}	2.7	kW	T _j = operation limit temperature	COP _d	1.21	-
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	-15	°C
				Heating water operating limit temperature	WTOL	55	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.010	kW	Rated heat output (*)	P _{sup}	1.2	kW
Thermostat-off mode	P _{TO}	0.010	kW				
Standby mode	P _{SB}	0.010	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control		variable		-	2670	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	40/61	dB(A)				
Annual energy consumption	Q _{HE}	2284	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile		L		η_{wh}	159	%	
Daily electricity consumption	Q _{elec}	3.100	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:	SUHZ-SW45VA
	Indoor unit:	EHST20D-VM2C2
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	2.8	kW	Seasonal space heating energy efficiency	η_s	97	%
Declared capacity for heating for part load at indoor <input type="checkbox"/> 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}	2.9	kW	T _j = - 7 °C	COP _d	2.67	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = + 2 °C	P _{dh}	2.6	kW	T _j = + 2 °C	COP _d	3.53	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = + 7 °C	P _{dh}	3.2	kW	T _j = + 7 °C	COP _d	4.75	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = +12 °C	P _{dh}	2.6	kW	T _j = +12 °C	COP _d	6.24	-
Degradation co-efficient (**)	C _{dh}	0.97	-				
T _j = bivalent temperature	P _{dh}	2.7	kW	T _j = bivalent temperature	COP _d	1.21	-
T _j = operation limit temperature	P _{dh}	2.7	kW	T _j = operation limit temperature	COP _d	1.21	-
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}	-15	°C	Operation limit temperature	TOL	-15	°C
				Heating water operating limit temperature	WTOL	55	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.010	kW	Rated heat output (*)	P _{sup}	2.8	kW
Thermostat-off mode	P _{TO}	0.010	kW				
Standby mode	P _{SB}	0.010	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors	-	2670	m ³ /h
Capacity control		variable					
Sound power level, indoors/outdoors	L _{WA}	40/61	dB(A)				
Annual energy consumption	Q _{HE}	2760	kWh				

For heat pump combination heater:				Water heating energy efficiency	η_{wh}	128	%
Declared load profile		L					
Daily electricity consumption	Q _{elec}	3.800	kW/h				
Annual electricity consumption	AEC	839	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:	SUHZ-SW45VA
	Indoor unit:	EHST20D-VM2C2
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	3.7	kW	Seasonal space heating energy efficiency	η_s	145	%
Declared capacity for heating for part load at indoor <input type="checkbox"/> 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}	2.9	kW	T _j = - 7 °C	COP _d	3.22	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = + 2 °C	P _{dh}	2.8	kW	T _j = + 2 °C	COP _d	4.58	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = + 7 °C	P _{dh}	3.3	kW	T _j = + 7 °C	COP _d	5.78	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = +12 °C	P _{dh}	2.6	kW	T _j = +12 °C	COP _d	7.30	-
Degradation co-efficient (**)	C _{dh}	0.97	-				
T _j = bivalent temperature	P _{dh}	3.0	kW	T _j = bivalent temperature	COP _d	2.43	-
T _j = operation limit temperature	P _{dh}	3.0	kW	T _j = operation limit temperature	COP _d	2.43	-
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}	-15	°C	Operation limit temperature	TOL	-15	°C
				Heating water operating limit temperature	WTOL	55	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.010	kW	Rated heat output (*)	P _{sup}	3.7	kW
Thermostat-off mode	P _{TO}	0.010	kW				
Standby mode	P _{SB}	0.010	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control		variable		-	2670	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	40/61	dB(A)				
Annual energy consumption	Q _{HE}	2344	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile		L		η_{wh}	128	%	
Daily electricity consumption	Q _{elec}	3.800	kW/h				
Annual electricity consumption	AEC	839	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:	SUHZ-SW45VA
	Indoor unit:	EHST20D-VM2C2
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	4.6	kW	Seasonal space heating energy efficiency	η_s	150	%
Declared capacity for heating for part load at indoor <input type="checkbox"/> 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}	4.6	kW	T _j = + 2 °C	COP _d	2.13	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = + 7 °C	P _{dh}	2.9	kW	T _j = + 7 °C	COP _d	3.24	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = +12 °C	P _{dh}	2.5	kW	T _j = +12 °C	COP _d	5.18	-
Degradation co-efficient (**)	C _{dh}	0.97	-				
T _j = bivalent temperature	P _{dh}	4.1	kW	T _j = bivalent temperature	COP _d	1.69	-
T _j = operation limit temperature	P _{dh}	2.7	kW	T _j = operation limit temperature	COP _d	1.21	-
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	-15	°C
				Heating water operating limit temperature	WTOL	55	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.010	kW	Rated heat output (*)	P _{sup}	0.0	kW
Thermostat-off mode	P _{TO}	0.010	kW				
Standby mode	P _{SB}	0.010	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors	-	2670	m ³ /h
Capacity control		variable					
Sound power level, indoors/outdoors	L _{WA}	40/61	dB(A)				
Annual energy consumption	Q _{HE}	1587	kWh				

For heat pump combination heater:				Water heating energy efficiency	η_{wh}	173	%
Declared load profile		L					
Daily electricity consumption	Q _{elec}	2.800	kWh				
Annual electricity consumption	AEC	624	kWh				

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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:	SUHZ-SW45VA
	Indoor unit:	EHST20D-VM2C2
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	5.0	kW	Seasonal space heating energy efficiency	η_s	212	%
Declared capacity for heating for part load at indoor <input type="checkbox"/> 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}	5.1	kW	T _j = + 2 °C	COP _d	3.31	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = + 7 °C	P _{dh}	3.2	kW	T _j = + 7 °C	COP _d	4.88	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = +12 °C	P _{dh}	2.6	kW	T _j = +12 °C	COP _d	6.81	-
Degradation co-efficient (**)	C _{dh}	0.97	-				
T _j = bivalent temperature	P _{dh}	4.4	kW	T _j = bivalent temperature	COP _d	2.82	-
T _j = operation limit temperature	P _{dh}	2.7	kW	T _j = operation limit temperature	COP _d	1.21	-
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	-15	°C
				Heating water operating limit temperature	WTOL	55	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.010	kW	Rated heat output (*)	P _{sup}	0.0	kW
Thermostat-off mode	P _{TO}	0.010	kW				
Standby mode	P _{SB}	0.010	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control		variable		-	2670	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	40/61	dB(A)				
Annual energy consumption	Q _{HE}	1200	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile		L		η_{wh}	173	%	
Daily electricity consumption	Q _{elec}	2.800	kW/h				
Annual electricity consumption	AEC	624	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:	SUHZ-SW45VA
	Indoor unit:	ERST20D-VM2C2
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	4.6	kW	Seasonal space heating energy efficiency	η_s	128	%
Declared capacity for heating for part load at indoor <input type="checkbox"/> 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}	4.1	kW	T _j = - 7 °C	COP _d	1.78	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = + 2 °C	P _{dh}	2.5	kW	T _j = + 2 °C	COP _d	3.29	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = + 7 °C	P _{dh}	3.1	kW	T _j = + 7 °C	COP _d	4.40	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = +12 °C	P _{dh}	2.8	kW	T _j = +12 °C	COP _d	6.71	-
Degradation co-efficient (**)	C _{dh}	0.97	-				
T _j = bivalent temperature	P _{dh}	4.1	kW	T _j = bivalent temperature	COP _d	1.78	-
T _j = operation limit temperature	P _{dh}	2.7	kW	T _j = operation limit temperature	COP _d	1.27	-
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	-15	°C
				Heating water operating limit temperature	WTOL	55	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.010	kW	Rated heat output (*)	P _{sup}	1.0	kW
Thermostat-off mode	P _{TO}	0.010	kW				
Standby mode	P _{SB}	0.010	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control		variable		-	2670	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	40/61	dB(A)				
Annual energy consumption	Q _{HE}	2886	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile		L		η_{wh}	159	%	
Daily electricity consumption	Q _{elec}	3.100	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:	SUHZ-SW45VA
	Indoor unit:	ERST20D-VM2C2
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	5.0	kW	Seasonal space heating energy efficiency	η_s	174	%
Declared capacity for heating for part load at indoor <input type="checkbox"/> 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}	4.4	kW	T _j = - 7 °C	COP _d	2.82	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = + 2 °C	P _{dh}	2.7	kW	T _j = + 2 °C	COP _d	4.41	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = + 7 °C	P _{dh}	3.3	kW	T _j = + 7 °C	COP _d	5.48	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = +12 °C	P _{dh}	2.5	kW	T _j = +12 °C	COP _d	8.60	-
Degradation co-efficient (**)	C _{dh}	0.97	-				
T _j = bivalent temperature	P _{dh}	4.4	kW	T _j = bivalent temperature	COP _d	2.82	-
T _j = operation limit temperature	P _{dh}	2.7	kW	T _j = operation limit temperature	COP _d	1.21	-
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	-15	°C
				Heating water operating limit temperature	WTOL	55	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.010	kW	Rated heat output (*)	P _{sup}	1.2	kW
Thermostat-off mode	P _{TO}	0.010	kW				
Standby mode	P _{SB}	0.010	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors	-	2670	m ³ /h
Capacity control		variable					
Sound power level, indoors/outdoors	L _{WA}	40/61	dB(A)				
Annual energy consumption	Q _{HE}	2284	kWh				

For heat pump combination heater:				Water heating energy efficiency	η_{wh}	159	%
Declared load profile		L					
Daily electricity consumption	Q _{elec}	3.100	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:	SUHZ-SW45VA
	Indoor unit:	ERST20D-VM2C2
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	2.8	kW	Seasonal space heating energy efficiency	η_s	99	%
Declared capacity for heating for part load at indoor <input type="checkbox"/> 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}	2.9	kW	T _j = - 7 °C	COP _d	2.67	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = + 2 °C	P _{dh}	2.6	kW	T _j = + 2 °C	COP _d	3.53	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = + 7 °C	P _{dh}	3.2	kW	T _j = + 7 °C	COP _d	4.75	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = +12 °C	P _{dh}	2.6	kW	T _j = +12 °C	COP _d	6.24	-
Degradation co-efficient (**)	C _{dh}	0.97	-				
T _j = bivalent temperature	P _{dh}	2.7	kW	T _j = bivalent temperature	COP _d	1.21	-
T _j = operation limit temperature	P _{dh}	2.7	kW	T _j = operation limit temperature	COP _d	1.21	-
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}	-15	°C	Operation limit temperature	TOL	-15	°C
				Heating water operating limit temperature	WTOL	55	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.010	kW	Rated heat output (*)	P _{sup}	2.8	kW
Thermostat-off mode	P _{TO}	0.010	kW				
Standby mode	P _{SB}	0.010	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors	-	2670	m ³ /h
Capacity control		variable					
Sound power level, indoors/outdoors	L _{WA}	40/61	dB(A)				
Annual energy consumption	Q _{HE}	2760	kWh				

For heat pump combination heater:				Water heating energy efficiency	η_{wh}	128	%
Declared load profile		L					
Daily electricity consumption	Q _{elec}	3.800	kW/h				
Annual electricity consumption	AEC	839	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:	SUHZ-SW45VA
	Indoor unit:	ERST20D-VM2C2
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	3.7	kW	Seasonal space heating energy efficiency	η_s	149	%
Declared capacity for heating for part load at indoor <input type="checkbox"/> 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}	2.9	kW	T _j = - 7 °C	COP _d	3.22	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = + 2 °C	P _{dh}	2.8	kW	T _j = + 2 °C	COP _d	4.58	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = + 7 °C	P _{dh}	3.3	kW	T _j = + 7 °C	COP _d	5.78	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = +12 °C	P _{dh}	2.6	kW	T _j = +12 °C	COP _d	7.30	-
Degradation co-efficient (**)	C _{dh}	0.97	-				
T _j = bivalent temperature	P _{dh}	3.0	kW	T _j = bivalent temperature	COP _d	2.43	-
T _j = operation limit temperature	P _{dh}	3.0	kW	T _j = operation limit temperature	COP _d	2.43	-
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}	-15	°C	Operation limit temperature	TOL	-15	°C
				Heating water operating limit temperature	WTOL	55	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.010	kW	Rated heat output (*)	P _{sup}	3.7	kW
Thermostat-off mode	P _{TO}	0.010	kW				
Standby mode	P _{SB}	0.010	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors	-	2670	m ³ /h
Capacity control		variable					
Sound power level, indoors/outdoors	L _{WA}	40/61	dB(A)				
Annual energy consumption	Q _{HE}	2344	kWh				

For heat pump combination heater:				Water heating energy efficiency	η_{wh}	128	%
Declared load profile		L					
Daily electricity consumption	Q _{elec}	3.800	kW/h				
Annual electricity consumption	AEC	839	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:	SUHZ-SW45VA
	Indoor unit:	ERST20D-VM2C2
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	4.6	kW	Seasonal space heating energy efficiency	η_s	153	%
Declared capacity for heating for part load at indoor <input type="checkbox"/> 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}	4.6	kW	T _j = + 2 °C	COP _d	2.13	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = + 7 °C	P _{dh}	2.9	kW	T _j = + 7 °C	COP _d	3.24	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = +12 °C	P _{dh}	2.5	kW	T _j = +12 °C	COP _d	5.18	-
Degradation co-efficient (**)	C _{dh}	0.97	-				
T _j = bivalent temperature	P _{dh}	4.1	kW	T _j = bivalent temperature	COP _d	1.69	-
T _j = operation limit temperature	P _{dh}	2.7	kW	T _j = operation limit temperature	COP _d	1.21	-
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	-15	°C
				Heating water operating limit temperature	WTOL	55	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.010	kW	Rated heat output (*)	P _{sup}	0.0	kW
Thermostat-off mode	P _{TO}	0.010	kW				
Standby mode	P _{SB}	0.010	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors	-	2670	m ³ /h
Capacity control		variable					
Sound power level, indoors/outdoors	L _{WA}	40/61	dB(A)				
Annual energy consumption	Q _{HE}	1587	kWh				

For heat pump combination heater:				Water heating energy efficiency	η_{wh}	173	%
Declared load profile		L					
Daily electricity consumption	Q _{elec}	2.800	kW/h				
Annual electricity consumption	AEC	624	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:	SUHZ-SW45VA
	Indoor unit:	ERST20D-VM2C2
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	5.0	kW	Seasonal space heating energy efficiency	η_s	218	%
Declared capacity for heating for part load at indoor <input type="checkbox"/> 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}	5.1	kW	T _j = + 2 °C	COP _d	3.31	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = + 7 °C	P _{dh}	3.2	kW	T _j = + 7 °C	COP _d	4.88	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = +12 °C	P _{dh}	2.6	kW	T _j = +12 °C	COP _d	6.81	-
Degradation co-efficient (**)	C _{dh}	0.97	-				
T _j = bivalent temperature	P _{dh}	4.4	kW	T _j = bivalent temperature	COP _d	2.82	-
T _j = operation limit temperature	P _{dh}	2.7	kW	T _j = operation limit temperature	COP _d	1.21	-
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	-15	°C
				Heating water operating limit temperature	WTOL	55	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.010	kW	Rated heat output (*)	P _{sup}	0.0	kW
Thermostat-off mode	P _{TO}	0.010	kW				
Standby mode	P _{SB}	0.010	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control		variable		-	2670	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	40/61	dB(A)				
Annual energy consumption	Q _{HE}	1200	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile		L		η_{wh}	173	%	
Daily electricity consumption	Q _{elec}	2.800	kW/h				
Annual electricity consumption	AEC	624	kW/h				

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