



# ENERG

енергия · ενεργεια



Indoor unit EHST20C-\*\*D(W)  
Outdoor unit PUHZ-FRP71VHA2



A+++

A++

A+

A

B

C

D

A+



A+

A

B

C

D

E

F

A+



40 dB



68 dB



04 kW

08 kW

08 kW

2019

811/2013

RG79Y768K01





		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																								Low-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 electricity 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 <sub>wa</sub> 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 <sub>wa</sub> outdoor	Low-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 electricity 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 <sub>wa</sub> 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 electricity consumption under colder climate conditions	For water heating, annual electricity 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 <sub>wa</sub> outdoor																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
		kW	kWh	kWh	kWh	kWh	%	dB			kW	kWh	kWh	kWh	kWh	%	dB			%	dB			kW	kWh	kWh	kWh	kWh	%	dB			kW	kWh	kWh	kWh	kWh	%	dB			%	dB			kW	kWh	kWh	kWh	kWh	%	dB																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	EHST20C-VM2C	✓	A+	A	7.5	4923	1055	121	98	40	-	4.4	7.5	4668	2595	1352	956	98	150	80	110	68	✓	A++	A	7.5	3667	1055	163	98	40	-	4.4	7.5	3554	1722	1352	956	134	226	80	110	68																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	EHST20C-VM6C	✓	A+	A	7.5	4923	1055	121	98	40	-	4.4	7.5	4668	2595	1352	956	98	150	80	110	68	✓	A++	A	7.5	3667	1055	163	98	40	-	4.4	7.5	3554	1722	1352	956	134	226	80	110	68																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	EHST20C-TM9C	✓	A+	A	7.5	4923	1055	121	98	40	-	4.4	7.5	4668	2595	1352	956	98	150	80	110	68	✓	A++	A	7.5	3667	1055	163	98	40	-	4.4	7.5	3554	1722	1352	956	134	226	80	110	68																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	EHST20C-TM9EC	✓	A+	A	7.5	4923	1055	121	98	40	-	4.4	7.5	4668	2595	1352	956	98	150	80	110	68	✓	A++	A	7.5	3667	1055	163	98	40	-	4.4	7.5	3554	1722	1352	956	134	226	80	110	68																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					



	English	Deutsch	Français	Italiano	Español
	Netherlands	Svenska	Dansk	Português	Ελληνικά
	Suomi	Česlina	Български	Polski	-
	Outdoor unit	Außengerät	Unité extérieure	unità esterna	-
1	builtenunit	Utomhusenhet	Uitendens entheid	unidade exterior	Εξωτερική μονάδα
	Ulkoyksikkö	Venkovni jednotka	Вышнее тело	jednostka zewnętrzna	-
	indoor unit	Innengerät	Unité intérieure	unità interna	unidad interior
2	binenunit	Innenset	Indendens entheid	unidade interior	Εσωτερική μονάδα
	Sisäyksikkö	Vnitřní jednotka	Внутреннее тело	jednostka wewnętrzna	-
3	Medium-temperature application	Mitteltemperaturanwendung	l'application à moyenne température	le aplicación a media temperatura	la aplicación de media temperatura
	midtemperatuur-toepassing	midtemperatuurtoepassing	midtemperatuurtoepassing	a aplicação a média temperatura	η εφαρμογή σε μέση θερμοκρασία
	keskilämpötilan sovellus	sifidieplötili applica	среднетемпературного приложение	zastosowania w średnich temperaturach	-
4	Low-temperature application	Niedertemperaturanwendung	l'application à basse température	le aplicación a bassa temperatura	la aplicación de baja temperatura
	lagtemperatuur-toepassing	lagtemperatuurtoepassing	Niedertemperaturanwendung	a aplicação a baixa temperatura	η εφαρμογή σε χαμηλή θερμοκρασία
	alatalämpötilan sovellus	низкотемпературни приложениа	использование при температуре	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
	de seizoenengebonden energie-efficiëntieklasse voor ruimteverwarming	säsongsberoende energieeffektiviteitsklassa vid rumsuppvärmning	Klassen for årsvinklingsgrad ved rumopvarmning	A classe de eficiência energética do aquecimento ambiente sazonal	η τάξη ενεργειακής απόδοσης της εποχιακής θέρμανσης χώρου
	ilialämmityksen energiatehokkuusluokka	ilialämmityksen kausittainen energiatehokkuusluokka	класс на сезонната отоплителна енергийна ефективност	Klasa sezonowej efektywności energetycznej ogrzewania pomieszczeń	-
6	Water heating energy efficiency class	die Klasse für die Warmwasserbereitungs-Energieeffizienz	la classe d'efficacité énergétique, pour le chauffage de l'eau	la classe di efficienza energetica del riscaldamento dell'acqua	la clase de eficiencia energética del caldeo de agua
	de energie-efficiëntieklasse voor waterverwarming	energietehtiviteitsklassa vid vattenuppvärmning	Klassen for årsvinklingsgrad ved vandopvarmning	A classe de eficiência energética do aquecimento de água	η τάξη ενεργειακής απόδοσης θέρμανσης νερού
	vedenlämmityksen energiatehokkuusluokka	frida energietickä klass för vattenuppvärmning	класс на енергийната ефективност при подгряване на вода	Klasa efektywności energetycznej podgrzewania wody	-
7	Rated heat output under average climate conditions	die Wärmenennleistung bei durchschnittlichen Klimaverhältnissen	la puissance thermique nominale dans les conditions climatiques moyennes	la potenza termica nominale(in condizioni climatiche medie)	la potencia calorífica nominal(en condiciones climáticas medias)
	de nominale warmteafgifte onder gemiddelde klimaatomstandigheden	Den nominella värmefäkt vid genomsnittliga klimatförhållanden	Den nominelle nyttelseffekt (under gemensinnitlige klimatoforhold)	A potência calorífica nominal(em condições climáticas médias)	η ονομαστική θερμική ισχύς(υπό μέσας κλιματικές συνθήκες)
	nimellislämpöteho(keskimääräisissä ilmastio-olosuhteissa)	imennöity läpönykytka za průměrných klimatických podmínek	нормальная тепловая мощность при средни климатични условия	znatnoscowa moc cieplna w warunkach klimatu umiarkowanego	-
	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 calentar espacios, el consumo anual de energía(en condiciones climáticas medias)
8	voor ruimteverwarming, het jaarlijkse energieverbruik onder gemiddelde klimaatomstandigheden	För rumsuppvärmning, årlig elförbrukning(vid genomsnittliga klimatförhållanden)	for rumopvarmning det årlige elforbrug(under gemensinnitlige klimatoforhold)	Para o aquecimento ambiente, o consumo anual de energia(em condições climáticas medias)	για τη θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας(υπό μέσας κλιματικές συνθήκες)
	ilialämmitykseenä vuotuinen energiatuotto(keskimääräisissä ilmastio-olosuhteissa)	pro vylápení – roční spotřeba energie za průměrných klimatických podmínek	за отопление, годишното потребление на енергия(при средни климатични условия)	w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii(w warunkach klimatu umiarkowanego)	-
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 calentar agua, el consumo anual de electricidad(en condiciones climáticas medias)
	voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder gemiddelde klimaatomstandigheden	För vattenuppvärmning, årlig elförbrukning(vid genomsnittliga klimatförhållanden)	for vandopvarmning det årlige elforbrug(under gemensinnitlige klimatoforhold)	para o aquecimento de água, o consumo anual de electricidade(em condições climáticas médias)	για την θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας(υπό μέσας κλιματικές συνθήκες)
10	vedenlämmitykseenä vuotuinen sähkönkulutus(keskimääräisissä ilmastio-olosuhteissa)	pro ohiev vody – roční spotřeba elektrické energie za průměrných klimatických podmínek	за подгряване на вода, годишното потребление на енергия(при средни климатични условия)	w odniesieniu do podgrzewania wody, roczne zużycie energii (w warunkach klimatu umiarkowanego)	-
	Seasonal space heating energy efficiency under average climate conditions	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen	l'efficacité énergétique pour le chauffage de l'eau(dans les conditions climatiques moyennes)	l'efficienza energetica stagionale di riscaldamento d'ambiente(in condizioni climatiche medie)	la eficiencia energética estacional de calefacción(en condiciones climáticas medias)
	de energie-efficiëntie voor waterverwarming(onder gemiddelde klimaatomstandigheden)	Energietehtivätkätyt vid vattenuppvärmning(vid genomsnittliga klimatförhållanden)	энергията ефективност при подгряване на вода(при средни климатични условия)	A eficiência energética do aquecimento ambiente sazonal(em condições climáticas médias)	η ενεργειακή απόδοση θέρμανσης νερού(υπό μέσας κλιματικές συνθήκες)
11	vedenlämmityksen energiatehokkuus(keskimääräisissä ilmastio-olosuhteissa)	energietehtivätkätyt ohiev vody za průměrných klimatických podmínek	энергията ефективност при подгряване на вода(при средни климатични условия)	efektywność energetyczna podgrzewania wody(w warunkach klimatu umiarkowanego)	-
	Sound power level L wa, indoor	der Schalleistungspegel L wa, in Gebäuden	le niveau de puissance acoustique L wa, à l'intérieur	el livello di potenza sonora L wa, all'interno	el nivel de potencia acústica L wa en interiores
12	het geluidsvermogensniveau L wa, binnen	Ljudeftaktivita L wa, indoors	удельнаямощность L wa, indoors	O nivel de potencia sonora L wa, no interior	η στάθμη ηχητικής ισχύος L wa εσωτερικού χώρου
	ääniteho L wa sisällä	hladina akustického výkonu L wa ve vnitřním prostoru	много на звуковата мощност L wa на закрито	poziom mocy akustycznej L wa w pomieszczeniu	-
	Work only during off-peak hours	dass ein ausschließlicher Betrieb des Kombiheizgerätes zu Schwachlastzeiten	fonctionner qu'en heures creuses	funcionar soltanto durante las horas de baja demanda	Λειτουργία μόνο εκτός των ωρών αιχμής
13	werken uitsluitend in de daluren	wirken uesluitende under perioder med låg belastning	travare uden for spidsbelastningsperioder	de funcionar unicamente fora das horas de pico	-
	toimimaan ainoastaan kuitushuippujen ukopuolella	provazu pouze mimo špičku	работи само в часовете извън взрхоовым натоварване	pracować jedynie w godzinach poza szczytowym obciążeniem	-
14	Rated heat output under colder climate conditions	die Wärmenennleistung bei kälteren Klimaverhältnissen	la puissance thermique nominale, dans les conditions climatiques plus froides	la potenza termica nominale, in condizioni climatiche più fredde	la potencia calorífica nominal en condiciones climáticas más frías
	de nominale warmteafgifte, onder koudere klimaatomstandigheden	Nominell afgiven værmeeffekt vid kälare klimatförhållanden	den nominelle nyttelseffekt under koldere klimatoforhold	A potência calorífica nominal em condições climáticas mais frias	η ονομαστική θερμική ισχύς υπό ψυχρότερες κλιματικές συνθήκες
	inmellislämpöteho, kylmissä ilmastio-olosuhteissa	imennöity läpönykytka za chladnějších klimatických podmínek	нормальная тепловая мощность при по-студени климатични условия	znatnoscowa moc cieplna w warunkach klimatu chłodnego	-
15	Rated heat output under warmer climate conditions	die Wärmenennleistung bei wärmeren Klimaverhältnissen	la puissance thermique nominale, dans les conditions climatiques plus chaudes	la potenza termica nominale, in condizioni climatiche più calde	la potencia calorífica nominal en condiciones climáticas más calidas
	de nominale warmteafgifte, onder warmere klimaatomstandigheden	Nominell afgiven værmeeffekt vid varmare klimatförhållanden	den nominelle nyttelseffekt under varmere klimatoforhold	A potência calorífica nominal em condições climáticas mais quentes	η ονομαστική θερμική ισχύς υπό θερμότερες κλιματικές συνθήκες
	inmellislämpöteho, lämpimissä ilmastio-olosuhteissa	imennöity läpönykytka za cieplejších klimatických podmínek	нормальная тепловая мощность при по-топли климатични условия	znatnoscowa moc cieplna w warunkach klimatu ciepłego	-
	For space heating, annual energy consumption under colder climate conditions	für die Raumheizung, der jährliche Energieverbrauch bei kälteren Klimaverhältnissen	pour le chauffage des locaux, la consommation annuelle d'énergie, dans les conditions climatiques plus froides	per il riscaldamento d'ambiente, il consumo annuo di energia, in condizioni climatiche più fredde	para calentar espacios, el consumo anual de energía en condiciones climáticas más frías
	voor ruimteverwarming, het jaarlijkse energieverbruik onder koudere klimaatomstandigheden	För rumsuppvärmning, årlig energiförbrukning under koldere klimatförhållanden	for rumopvarmning det årlige energiforbrug under koldere klimatoforhold	Para o aquecimento ambiente, o consumo anual de energia em condições climáticas mais frias	για θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας υπό ψυχρότερες κλιματικές συνθήκες
	ilialämmitykseenä vuotuinen energiantuotto kylmissä ilmastio-olosuhteissa	pro vylápení – roční spotřeba energie za chladnějších klimatických podmínek	за отопление, годишното потребление на енергия при по-студени климатични условия	w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii w warunkach klimatu chłodnego	-
17	For space heating, annual energy consumption under warmer climate conditions	für die Raumheizung, der jährliche Energieverbrauch bei wärmeren Klimaverhältnissen	pour le chauffage des locaux, la consommation annuelle d'énergie, dans les conditions climatiques plus chaudes	per il riscaldamento d'ambiente, il consumo annuo di energia, in condizioni climatiche più calde	para calentar espacios, el consumo anual de energía en condiciones climáticas más calidas
	voor ruimteverwarming, het jaarlijkse energieverbruik onder warmere klimaatomstandigheden	För rumsuppvärmning, årlig energiförbrukning under varmare klimatförhållanden	for rumopvarmning det årlige energiforbrug under varmere klimatoforhold	Para o aquecimento ambiente, o consumo anual de energia em condições climáticas mais quentes	για θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας υπό θερμότερες κλιματικές συνθήκες
	ilialämmitykseenä vuotuinen energiantuotto lämpimissä ilmastio-olosuhteissa	pro vylápení – roční spotřeba energie za teplejších klimatických podmínek	за отопление, годишното потребление на енергия при по-топли климатични условия	w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii w warunkach klimatu chłodnego	-
18	For water heating, annual energy consumption under colder climate conditions	für die Warmwasserbereitung, der jährliche Stromverbrauch bei kälteren Klimaverhältnissen	pour le chauffage de l'eau, la consommation annuelle d'électricité, dans les conditions climatiques plus froides	per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde e più calde	para calentar agua, el consumo anual de electricidad en condiciones climáticas más frías
	voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder koudere klimaatomstandigheden	För vattenuppvärmning, årlig elförbrukning under källare klimatförhållanden	for vandopvarmning det årlige elforbrug under koldere klimatoforhold	para o aquecimento de água, o consumo anual de electricidade em condições climáticas mais frias	για θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας υπό ψυχρότερες κλιματικές συνθήκες
	vedenlämmitykseenä vuotuinen sähkönkulutus kylmissä ilmastio-olosuhteissa	pro ohiev vody – roční spotřeba elektrické energie za chladnějších klimatických podmínek	за подгряване на вода, годишното потребление на електроенергия при по-студени климатични условия	w odniesieniu do podgrzewania wody, roczne zużycie energii elektrycznej w warunkach klimatu chłodnego	-
19	For water heating, annual energy consumption under warmer climate conditions	für die Warmwasserbereitung, der jährliche Stromverbrauch bei wärmeren Klimaverhältnissen	pour le chauffage de l'eau, la consommation annuelle d'électricité, dans les conditions climatiques plus chaudes	per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde e più calde	para calentar agua, el consumo anual de electricidad en condiciones climáticas más calidas
	voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder warmere klimaatomstandigheden	För vattenuppvärmning, årlig elförbrukning under varmare klimatförhållanden	for vandopvarmning det årlige elforbrug under varmere klimatoforhold	para o aquecimento de água, o consumo anual de electricidade em condições climáticas mais quentes	για θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας υπό θερμότερες κλιματικές συνθήκες
20	de seizoenengebonden energie-efficiëntie voor ruimteverwarming onder koudere klimaatomstandigheden	ilialämmityksen kausittainen energiatehokkuus kylmissä ilmastio-olosuhteissa	la jahreszeitbedingte Raumheizungs-Energieeffizienz bei kälteren Klimaverhältnissen	A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais frias	η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου υπό ψυχρότερες κλιματικές συνθήκες
	ilialämmityksen kausittainen energiatehokkuus kylmissä ilmastio-olosuhteissa	sezonowa efektywność energetyczna ogrzewania pomieszczeń w warunkach klimatu chłodnego	sezonowa energetičnost energetična ogrzewania pomieszczeń w warunkach klimatu chłodnego	sezonowa efektywność energetyczna ogrzewania pomieszczeń w warunkach klimatu chłodnego	-
	Seasonal space heating energy efficiency under warmer climate conditions	ilialämmityksen kausittainen energiatehokkuus kylmissä ilmastio-olosuhteissa	l'efficacité énergétique saisonnière pour le chauffage des locaux, dans les conditions climatiques plus chaudes	l'efficienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più calde	la eficiencia energética estacional de calefacción en condiciones climáticas más calidas
21	de seizoenengebonden energie-efficiëntie voor ruimteverwarming onder warmere klimaatomstandigheden	ilialämmityksen kausittainen energiatehokkuus lämpimissä ilmastio-olosuhteissa	l'efficacité énergétique saisonnière pour le chauffage de l'eau, dans les conditions climatiques plus chaudes	A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais quentes	η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου υπό θερμότερες κλιματικές συνθήκες
	ilialämmityksen kausittainen energiatehokkuus lämpimissä ilmastio-olosuhteissa	sezonowa efektywność energetyczna ogrzewania pomieszczeń w warunkach klimatu ciepłego	sezonowa energetičnost energetična ogrzewania pomieszczeń w warunkach klimatu ciepłego	sezonowa efektywność energetyczna ogrzewania pomieszczeń w warunkach klimatu ciepłego	-
	Water heating energy efficiency under colder climate conditions	die Warmwasserbereitungs-Energieeffizienz bei kälteren Klimaverhältnissen	l'efficacité énergétique pour le chauffage de l'eau, dans les conditions climatiques plus froides	l'efficienza energetica di riscaldamento dell'acqua in condizioni climatiche più fredde	la eficiencia energética de caldeo de agua en condiciones climáticas más frías
22	de energie-efficiëntie voor waterverwarming onder koudere klimaatomstandigheden	Energietehtivätkätyt vid vattenuppvärmning under källare klimatförhållanden	energietehtivätkätyt vid vandopvarmning under koldere klimatoforhold	a eficiência energética do aquecimento de água em condições climáticas mais frias	η ενεργειακή απόδοση της θέρμανσης νερού υπό ψυχρότερες κλιματικές συνθήκες
	vedenlämmityksen energiatehokkuus kylmissä ilmastio-olosuhteissa	energietehtivätkätyt ohiev vody za chladnějších klimatických podmínek	энергията ефективност при подгряване на вода при по-студени климатични условия	efektywność energetyczna podgrzewania wody w warunkach klimatu chłodnego	-
	Water heating energy efficiency under warmer climate conditions	die Warmwasserbereitungs-Energieeffizienz bei wärmeren Klimaverhältnissen	l'efficacité énergétique pour le chauffage de l'eau, dans les conditions climatiques plus chaudes	l'efficienza energetica di riscaldamento dell'acqua in condizioni climatiche più calde	la eficiencia energética de caldeo de agua en condiciones climáticas más calidas
23	de energie-efficiëntie voor waterverwarming onder warmere klimaatomstandigheden	Energietehtivätkätyt vid vattenuppvärmning under varmare klimatförhållanden	energietehtivätkätyt vid vandopvarmning under varmere klimatoforhold	a eficiência energética do aquecimento de água em condições climáticas mais quentes	η ενεργειακή απόδοση της θέρμανσης νερού υπό θερμότερες κλιματικές συνθήκες
	vedenlämmityksen energiatehokkuus kylmissä ilmastio-olosuhteissa	energietehtivätkätyt ohiev vody za chladnějších klimatických podmínek	энергията ефективност при подгряване на вода при по-студени климатични условия	efektywność energetyczna podgrzewania wody w warunkach klimatu chłodnego	-
	Sound power level L wa, outdoor	der Schalleistungspegel L wa, im Freien	le niveau de puissance acoustique L wa, à l'extérieur	el livello di potenza sonora L wa, all'esterno	el nivel de potencia acústica L wa en exteriores
24	het geluidsvermogensniveau L wa, buiten	Ljudeftaktivita L wa, outdoors	много на звуковата мощност L wa на открито	O nivel de potencia sonora L wa na zewnątrz	η στάθμη ηχητικής ισχύος L wa εξωτερικού χώρου



Model(s):	Outdoor unit:	PUHZ-FRP71VHA2
	Indoor unit:	EHST20C-****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	7.5	kW	Seasonal space heating energy efficiency	$\eta_s$	121	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> = - 7 °C	P <sub>dh</sub>	6.9	kW	T <sub>j</sub> = - 7 °C	COP <sub>d</sub>	2.04	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.99	-				
T <sub>j</sub> = + 2 °C	P <sub>dh</sub>	4.1	kW	T <sub>j</sub> = + 2 °C	COP <sub>d</sub>	3.04	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.98	-				
T <sub>j</sub> = + 7 °C	P <sub>dh</sub>	2.8	kW	T <sub>j</sub> = + 7 °C	COP <sub>d</sub>	3.99	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.97	-				
T <sub>j</sub> = +12 °C	P <sub>dh</sub>	1.6	kW	T <sub>j</sub> = +12 °C	COP <sub>d</sub>	4.59	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.94	-				
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub>	6.9	kW	T <sub>j</sub> = bivalent temperature	COP <sub>d</sub>	2.03	-
T <sub>j</sub> = operation limit temperature	P <sub>dh</sub>	4.1	kW	T <sub>j</sub> = operation limit temperature	COP <sub>d</sub>	1.31	-
T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)	P <sub>dh</sub>	-	kW	T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)	COP <sub>d</sub>	-	-
Bivalent temperature	T <sub>biv</sub>	-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 <sub>OFF</sub>	0.020	kW	Rated heat output (*)	P <sub>sup</sub>	1.2	kW
Thermostat-off mode	P <sub>TO</sub>	0.020	kW				
Standby mode	P <sub>SB</sub>	0.020	kW	Type of energy input			
Crankcase heater mode	P <sub>CK</sub>	0.005	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	3300	m <sup>3</sup> /h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40/68	dBA				
Annual energy consumption	Q <sub>HE</sub>	4923	kWh				

For heat pump combination heater:							
Declared load profile	L			Water heating energy efficiency	$\eta_{wh}$	138	%
Daily electricity consumption	Q <sub>elec</sub>	3.571	kW/h				
Annual electricity consumption	AEC	786	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-FRP71VHA2
	Indoor unit:	EHST20C-****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	7.5	kW	Seasonal space heating energy efficiency	$\eta_s$	163	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> = - 7 °C	P <sub>dh</sub>	6.6	kW	T <sub>j</sub> = - 7 °C	COP <sub>d</sub>	2.54	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.99	-				
T <sub>j</sub> = + 2 °C	P <sub>dh</sub>	4.7	kW	T <sub>j</sub> = + 2 °C	COP <sub>d</sub>	4.20	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.98	-				
T <sub>j</sub> = + 7 °C	P <sub>dh</sub>	5.4	kW	T <sub>j</sub> = + 7 °C	COP <sub>d</sub>	5.32	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.98	-				
T <sub>j</sub> = +12 °C	P <sub>dh</sub>	6.2	kW	T <sub>j</sub> = +12 °C	COP <sub>d</sub>	7.16	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.97	-				
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub>	6.6	kW	T <sub>j</sub> = bivalent temperature	COP <sub>d</sub>	2.54	-
T <sub>j</sub> = operation limit temperature	P <sub>dh</sub>	4.1	kW	T <sub>j</sub> = operation limit temperature	COP <sub>d</sub>	1.33	-
T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)	P <sub>dh</sub>	-	kW	T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)	COP <sub>d</sub>	-	-
Bivalent temperature	T <sub>biv</sub>	-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 <sub>OFF</sub>	0.020	kW	Rated heat output (*)	P <sub>sup</sub>	1.4	kW
Thermostat-off mode	P <sub>TO</sub>	0.020	kW				
Standby mode	P <sub>SB</sub>	0.020	kW	Type of energy input			
Crankcase heater mode	P <sub>CK</sub>	0.005	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	3300	m <sup>3</sup> /h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40/68	dBA				
Annual energy consumption	Q <sub>HE</sub>	3667	kWh				

For heat pump combination heater:							
Declared load profile	L			Water heating energy efficiency	$\eta_{wh}$	138	%
Daily electricity consumption	Q <sub>elec</sub>	3.571	kW/h				
Annual electricity consumption	AEC	786	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-FRP71VHA2
	Indoor unit:	EHST20C-****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	4.4	kW	Seasonal space heating energy efficiency	$\eta_s$	98	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> = - 7 °C	P <sub>dh</sub>	3.0	kW	T <sub>j</sub> = - 7 °C	COP <sub>d</sub>	1.91	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.98	-				
T <sub>j</sub> = + 2 °C	P <sub>dh</sub>	4.4	kW	T <sub>j</sub> = + 2 °C	COP <sub>d</sub>	2.64	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.98	-				
T <sub>j</sub> = + 7 °C	P <sub>dh</sub>	5.3	kW	T <sub>j</sub> = + 7 °C	COP <sub>d</sub>	3.94	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.98	-				
T <sub>j</sub> = +12 °C	P <sub>dh</sub>	6.1	kW	T <sub>j</sub> = +12 °C	COP <sub>d</sub>	4.79	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.98	-				
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub>	4.1	kW	T <sub>j</sub> = bivalent temperature	COP <sub>d</sub>	0.90	-
T <sub>j</sub> = operation limit temperature	P <sub>dh</sub>	4.1	kW	T <sub>j</sub> = operation limit temperature	COP <sub>d</sub>	1.33	-
T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)	P <sub>dh</sub>	-	kW	T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)	COP <sub>d</sub>	-	-
Bivalent temperature	T <sub>biv</sub>	-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 <sub>OFF</sub>	0.020	kW	Rated heat output (*)	P <sub>sup</sub>	4.4	kW
Thermostat-off mode	P <sub>TO</sub>	0.020	kW				
Standby mode	P <sub>SB</sub>	0.020	kW	Type of energy input			
Crankcase heater mode	P <sub>CK</sub>	0.005	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	3300	m <sup>3</sup> /h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40/68	dBA				
Annual energy consumption	Q <sub>HE</sub>	4668	kWh				

For heat pump combination heater:							
Declared load profile	L			Water heating energy efficiency	$\eta_{wh}$	121	%
Daily electricity consumption	Q <sub>elec</sub>	4.057	kW/h				
Annual electricity consumption	AEC	893	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-FRP71VHA2
	Indoor unit:	EHST20C-****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	4.4	kW	Seasonal space heating energy efficiency	ηs	134	%
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	3.4	kW	Tj = - 7 °C	COPd	2.76	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	4.7	kW	Tj = + 2 °C	COPd	4.60	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	5.5	kW	Tj = + 7 °C	COPd	2.35	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	6.5	kW	Tj = +12 °C	COPd	3.05	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = bivalent temperature	Pdh	4.1	kW	Tj = bivalent temperature	COPd	1.31	-
Tj = operation limit temperature	Pdh	4.1	kW	Tj = operation limit temperature	COPd	1.33	-
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 <sub>OFF</sub>	0.020	kW	Rated heat output (*)	P <sub>sup</sub>	4.4	kW
Thermostat-off mode	P <sub>TO</sub>	0.020	kW				
Standby mode	P <sub>SB</sub>	0.020	kW				
Crankcase heater mode	P <sub>CK</sub>	0.005	kW				
				Type of energy input			

Capacity control	variable			Rated air flow rate, outdoors	-	3300	m <sup>3</sup> /h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40/68	dBA				
Annual energy consumption	Q <sub>HE</sub>	3554	kWh				

For heat pump combination heater:

Declared load profile	L			Water heating energy efficiency	$\eta_{wh}$	121	%
Daily electricity consumption	Q <sub>elec</sub>	4.057	kW/h				
Annual electricity consumption	AEC	893	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-FRP71VHA2
	Indoor unit:	EHST20C-****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	7.5	kW	Seasonal space heating energy efficiency	ηs	150	%
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	7.5	kW	Tj = + 2 °C	COPd	1.87	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	4.8	kW	Tj = + 7 °C	COPd	3.00	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	2.1	kW	Tj = +12 °C	COPd	5.42	-
Degradation co-efficient (**)	Cdh	0.94	-				
Tj = bivalent temperature	Pdh	7.5	kW	Tj = bivalent temperature	COPd	1.87	-
Tj = operation limit temperature	Pdh	4.1	kW	Tj = operation limit temperature	COPd	1.33	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P <sub>OFF</sub>	0.020	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P <sub>TO</sub>	0.020	kW				
Standby mode	P <sub>SB</sub>	0.020	kW				
Crankcase heater mode	P <sub>CK</sub>	0.005	kW				
				Type of energy input			

Capacity control	variable			Rated air flow rate, outdoors	-	3300	m <sup>3</sup> /h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40/68	dBA				
Annual energy consumption	Q <sub>HE</sub>	2595	kWh				

For heat pump combination heater:

Declared load profile	L			Water heating energy efficiency	$\eta_{wh}$	156	%
Daily electricity consumption	Q <sub>elec</sub>	3.173	kW/h				
Annual electricity consumption	AEC	698	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-FRP71VHA2
	Indoor unit:	EHST20C-****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	7.5	kW	Seasonal space heating energy efficiency	ηs	226	%
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	7.5	kW	Tj = + 2 °C	COPd	2.41	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	4.8	kW	Tj = + 7 °C	COPd	4.56	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	2.1	kW	Tj = +12 °C	COPd	8.17	-
Degradation co-efficient (**)	Cdh	0.92	-				
Tj = bivalent temperature	Pdh	7.5	kW	Tj = bivalent temperature	COPd	2.41	-
Tj = operation limit temperature	Pdh	4.1	kW	Tj = operation limit temperature	COPd	1.33	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P <sub>OFF</sub>	0.020	kW	Rated heat output (*)	P <sub>sup</sub>	0.0	kW
Thermostat-off mode	P <sub>TO</sub>	0.020	kW				
Standby mode	P <sub>SB</sub>	0.020	kW				
Crankcase heater mode	P <sub>CK</sub>	0.005	kW				
				Type of energy input			

Capacity control	variable			Rated air flow rate, outdoors	-	3300	m <sup>3</sup> /h
Sound power level, indoors/outdoors	L <sub>WA</sub>	40/68	dBA				
Annual energy consumption	Q <sub>HE</sub>	1722	kWh				

For heat pump combination heater:

Declared load profile	L			Water heating energy efficiency	$\eta_{wh}$	156	%
Daily electricity consumption	Q <sub>elec</sub>	3.173	kW/h				
Annual electricity consumption	AEC	698	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.