



ENERG
енергия · ενεργεια



Indoor unit EHSC-**C/D
Outdoor unit PUHZ-FRP71VHA2



55 °C

35 °C



A⁺

A⁺⁺



40 dB



68 dB

■ 04
■ **08**
■ 08
kW

■ 04
■ **08**
■ 08
kW



2019

811/2013

RG79Y764K01



		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																								Seasonal space heating energy efficiency class																							
		Water heating energy efficiency class																								Water heating energy efficiency class																							
		Rated heat output under average climate conditions																								Rated heat output under average climate conditions																							
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	English	Deutsch	Français	Italiano	Español
	Nederlands	Svenska	Dansk	Português	Español
	suomi	Ceština	Български	Portugali	Ελληνικά
	Outdoor unit	Außengerät	Unité extérieure	unidade exterior	unidad exterior
1	buitenunit	Binnenunit	Unité exterieur	unidade exterior	Εξωτερική μονάδα
	Ulkoyksikkö	Yönkovi jednotka	Вышнее тяло	jednostka zewnętrzna	unidad interior
2	indoor unit	Innenunit	Unité intérieure	unidade interior	Εσωτερική μονάδα
	Sisäyksikkö	Innenunit	Внутреннее тяло	jednostka wewnętrzna	-
	Medium-temperature application	Mitteltemperaturanwendung	Application à moyenne température	la aplicación a media temperatura	la aplicación de media temperatura
3	middletemperatur-toepassing	mittelttemperaturapplikation	middletemperatuurtoepassing	la aplicación a média temperatura	η εφαρμογή σε μέση θερμοκρασία
	keskilämpötilan sovellus	středníteplotní aplikace	среднотемпературного приложени	zastosowania w średnich temperaturach	la aplicación de baja temperatura
4	lagetemperatur-toepassing	Niedertemperaturanwendung	l'application à basse température	la aplicación a bassa temperatura	η εφαρμογή σε χαμηλή θερμοκρασία
	lågtemperaturapplikation	niektemperaturaplikace	lavtemperaturanvendelsen	la aplicación a baixa temperatura	-
	maltilämpötilan sovellus	nízkoteplotní aplikace	нижкотемпературни приложени	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	A classe de eficiência energética stagionale do aquecimento ambiente sazonal	la clase de eficiencia energética estacional de calefacción
	de seizoensoegbonden energie-efficiëntie voor ruimteverwarming	säsongsbaserade energieeffektivitetsklass vid rumsuppvärmning	la classe d'efficacité énergétique pour le chauffage de l'eau	A classe de eficiência energética do aquecimento de água	η τάξη ενεργειακής απόδοσης της εποχιακής θέρμανσης χώρου
6	Water heating energy efficiency class	die Klasse für die Warmwasserbereitungs-Energieeffizienz	la classe d'efficacité énergétique pour le chauffage de l'eau	A classe de eficiência energética do aquecimento de água	la clase de eficiencia energética del caldeo de agua
	de energie-efficiëntieklasse voor waterverwarming	energieeffektiviteitsklasse voor wateroppverwarming	la classe d'efficacité énergétique pour le chauffage de l'eau	A classe de eficiência energética do aquecimento de água	η τάξη ενεργειακής απόδοσης θέρμανσης νερού
	vedenlämmityksen energiatehokkuusluokka	trida energienleisting bei durchschnittlichen Klimaverhältnissen	la puissance thermique nominale dans les conditions climatiques moyennes	la classe de eficiencia energética do aquecimento de água	la potencia calorífica nominal(en condiciones climáticas medias)
7	Rated heat output under average climate conditions	die Wärmenennleistung bei durchschnittlichen Klimaverhältnissen	la puissance thermique nominale dans les conditions climatiques moyennes	A potencia calorífica nominal(en condiciones climáticas medias)	η ονομαστική θερμική ισχύς(υπό μέσης κλιματικής συνθήκης)
	de nominale warmteafgifte(onder gemiddelde klimaatomstandigheden)	Den nominella avgivna värmeeffekten(under genomsnittliga klimatförhållanden)	la puissance thermique nominale, dans les conditions climatiques plus chaudes	A potencia calorífica nominal(em condições climáticas médias)	-
	limesilämpöteho/keskimääräisissä ilmastoloosuhteissa	enerovytí tepelný výkon(za průměrných klimatických podmínek)	la puissance thermique nominale, dans les conditions climatiques plus chaudes	znajczonowa moc cieplna(w warunkach klimatu umiarkowanego)	-
	voor ruimteverwarming, het jaarlijkse energieverbruik(onder gemiddelde klimaatomstandigheden)	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	For space heating, annual energy consumption under average climate conditions	För rumsuppvärmning, årlig energiförbrukning(vid genomsnittliga klimatförhållanden)	for rumopvarmning del årlige energiforbrug(under gennemsnitlige klimaforhold)	per il riscaldamento d'ambiente, il consumo annuo di energia(in condizioni climatiche medie)	για τη θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας(υπό μέσης κλιματικής συνθήκης)
	Itälaaminyksesiä vuotuinen energienkulutus(keskimääräisissä ilmastoloosuhteissa)	pro vytápění – roční spotřeba energie za průměrných klimatických podmínek	за отопление, годичного потребления на енергия(при средни климатични условия)	w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii(w warunkach klimatu umiarkowanego)	-
	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)
9	voor waterverwarming, het jaarlijkse elektriciteitsverbruik(onder gemiddelde klimaatomstandigheden)	För vattenuppvärmning, årlig elförbrukning(vid genomsnittliga klimatförhållanden)	for vandopvarmning del årlige elforbrug(under gennemsnitlige klimaforhold)	para o aquecimento de água, o consumo anual de electricidade(em condições climáticas médias)	για την θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας(υπό μέσης κλιματικής συνθήκης)
	vedenlämmityksesiä vuotuinen sähkönkulutus(keskimääräisissä ilmastoloosuhteissa)	pro ohv vody – roční spotřeba elektrické energie za průměrných klimatických podmínek	за подгриване на вода, годишното потребление(при средни климатични условия)	w odniesieniu do podgrzewania wody, roczne zużycie energii elektrycznej(w warunkach klimatu umiarkowanego)	-
	Seasonal space heating energy efficiency under average climate conditions	die Jahreszeitbedingte Raumheizungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen	l'efficacité énergétique saisonnière pour le chauffage des locaux(dans les conditions climatiques moyennes)	l'eficiencia energetica stagionale di riscaldamento d'ambiente(in condizioni climatiche medie)	la eficiencia energética estacional de calefacción(en condiciones climáticas medias)
10	de seizoensoegbonden energie-efficiëntie voor ruimteverwarming(onder gemiddelde klimaatomstandigheden)	Säsongsbaserade värningsgrad för rumsuppvärmning(vid genomsnittliga klimatförhållanden)	la efficacité énergétique pour le chauffage de l'eau(dans les conditions climatiques moyennes)	A eficiência energética do aquecimento ambiente sazonal(em condições climáticas médias)	η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου(υπό μέσης κλιματικής συνθήκης)
	Itälaaminyksesiä kausittainen energiatehokkuus(keskimääräisissä ilmastoloosuhteissa)	sezonní energetická účinnost vytápění za průměrných klimatických podmínek	сезонната енергийна ефективност при отопление(при средни климатични условия)	sezonowa efektywność energtyczna ogrzewania pomieszczeń(w warunkach klimatu umiarkowanego)	-
	Water heating energy efficiency under average climate conditions	die Warmwasserbereitungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen	l'efficacité énergétique pour le chauffage de l'eau(dans les conditions climatiques moyennes)	la eficiencia energética de riscaldamento dell'acqua(in condizioni climatiche medie)	la eficiencia energética del caldeo de agua(en condiciones climáticas medias)
11	de energie-efficiëntie voor waterverwarming(onder gemiddelde klimaatomstandigheden)	Energieeffektivitet vid vattenuppvärmning(vid genomsnittliga klimatförhållanden)	energieeffectiviteit ved vandopvarmning(under gennemsnitlige klimaforhold)	la eficiencia energética do aquecimento de água(em condições climáticas médias)	η ενεργειακή απόδοση θέρμανσης νερού(υπό μέσης κλιματικής συνθήκης)
	vedenlämmityksen energiatehokkuus(keskimääräisissä ilmastoloosuhteissa)	energetická účinnost ohřevu vody za průměrných klimatických podmínek	енергийната ефективност при подгриване на вода(при средни климатични условия)	efektywność energtyczna 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 geluidvermogeniveau L _{wa} binnen	Ljudeffektivita L _{wa} i domovních	lydeeffektivitet L _{wa} i inde	O nivel de potencia sonora L _{wa} no interior	η στάθμη ηχητικής ισχύος L _{wa} εσωτερικού χώρου
	äänitehobaso L _{wa} sisällä	hladina akustického výkonu L _{wa} ve vnitřním prostoru	ниво 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	conditioner uniquement pendant les heures creuses	funziona soltanto durante le ore morte	funcionar solamente durante las horas de baja demanda
13	werken uitsluitend in de daluren	drives udstilende under perioder med lav belastning	fungere uden for spidsbelastningsperioder	de funcionar unicamente fora das horas de pico	λειτουργία μόνο εώς των ωρών αιχμής
	toimintaan ainoastaan kuluushuippujen ulkopuolella	provoz pouze mimo spíku	работи само в часовете извън върховото натоварване	pracować jedynie w godzinach poza szczytowym obciążeniem	-
	Rated heat output under colder climate conditions	die Wärmenennleistung bei kälteren Klimaverhältnissen	la puissance thermique nominale, dans les conditions climatiques plus froides	la potencia termica nominale, in condizioni climatiche più fredde	la potencia calorífica nominal en condiciones climáticas más frías
14	de nominale warmteafgifte, onder koudere klimaatomstandigheden	Nominell avgiven värmeeffekt vid kallare klimatförhållanden	la puissance thermique nominale, dans les conditions climatiques plus froides	A potencia calorífica nominal em condições climáticas mais frias	η ονομαστική θερμική ισχύς υπό ψυχρότερες κλιματικές συνθήκες
	nimellislämpöteho, kylmissä ilmastoloosuhteissa	imenovytí tepelný výkon za chladnějších klimatických podmínek	la puissance thermique nominale, dans les conditions climatiques plus froides	znajczonowa moc cieplna w warunkach klimatu chłodnego	-
	Rated heat output under warmer climate conditions	die Wärmenennleistung bei wärmeren Klimaverhältnissen	la puissance thermique nominale, dans les conditions climatiques plus chaudes	la potencia termica nominale, in condizioni climatiche più calde	la potencia calorífica nominal en condiciones climáticas más calidas
15	de nominale warmteafgifte, onder warmere klimaatomstandigheden	Nominell avgiven värmeeffekt vid varmare klimatförhållanden	la puissance thermique nominale, dans les conditions climatiques plus chaudes	A potencia calorífica nominal em condições climáticas mais quentes	η ονομαστική θερμική ισχύς υπό θερμότερες κλιματικές συνθήκες
	limesilämpöteho, lämpimissä ilmastoloosuhteissa	imenovytí tepelný výkon za teplejších klimatických podmínek	la puissance thermique nominale, dans les conditions climatiques plus chaudes	znajczonowa 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 energia en condiciones climáticas más frías
16	voor ruimteverwarming, het jaarlijkse energieverbruik onder koudere klimaatomstandigheden	För rumsuppvärmning, årlig energiförbrukning under kallare klimatförhållanden	for rumopvarmning del årlige energiforbrug under koldere klimaforhold	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
	Itälaaminyksesiä vuotuinen energienkulutus kylmissä ilmastoloosuhteissa	pro vytápění – roční spotřeba energie za chladnějších klimatických podmínek	за отопление, годичного потребления на енергия при по-студени климатични условия	w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii w warunkach klimatu chłodnego	-
	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 energia en condiciones climáticas más calidas
17	voor ruimteverwarming, het jaarlijkse energieverbruik onder warmere klimaatomstandigheden	För rumsuppvärmning, årlig energiförbrukning under varmare klimatförhållanden	for rumopvarmning del årlige energiforbrug under varmere klimaforhold	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
	Itälaaminyksesiä vuotuinen energienkulutus lämpimissä ilmastoloosuhteissa	pro vytápění – roční spotřeba energie za teplejších klimatických podmínek	за отопление, годичного потребления на енергия при по-топли климатични условия	w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii w warunkach klimatu ciepłego	-
	For water heating, annual energy consumption under warmer climate conditions	für die Warmwasserbereitung, der jährliche Stromverbrauch bei wärmeren Klimaverhältnissen	for vandopvarmning del årlige energiforbrug under varmere klimaforhold	para o aquecimento ambiente, o consumo anual de electricidade em condições climáticas mais quentes	para calentar agua, el consumo anual de electricidad en condiciones climáticas más calidas
18	voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder koudere klimaatomstandigheden	För vattenuppvärmning, årlig elförbrukning under kallare klimatförhållanden	for vandopvarmning del årlige elforbrug under koldere klimaforhold	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
	vedenlämmityksesiä vuotuinen sähkönkulutus kylmissä ilmastoloosuhteissa	pro ohv vody – roční spotřeba elektrické energie za chladnějších klimatických podmínek	за подгриване на вода, годишното потребление на електроенергия при по-студени климатични условия	la eficiencia energética de calefacción en condiciones climáticas más frías	-
	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
19	voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder warmere klimaatomstandigheden	För vattenuppvärmning, årlig elförbrukning under varmare klimatförhållanden	for vandopvarmning del årlige elforbrug under varmere klimaforhold	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
	vedenlämmityksesiä vuotuinen sähkönkulutus lämpimissä ilmastoloosuhteissa	pro ohv vody – roční spotřeba elektrické energie za teplejších klimatických podmínek	за подгриване на вода, годишното потребление на електроенергия при по-топли климатични условия	w odniesieniu do podgrzewania wody, roczne zużycie energii elektrycznej w warunkach klimatu chłodnego	-
	Seasonal space heating energy efficiency under colder climate conditions	die Jahreszeitbedingte Raumheizungs-Energieeffizienz bei kälteren Klimaverhältnissen	l'efficacité énergétique saisonnière pour le chauffage des locaux, dans les conditions climatiques plus froides	A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais frias	la eficiencia energética estacional de calefacción en condiciones climáticas más frías
20	de seizoensoegbonden energie-efficiëntie voor ruimteverwarming onder koudere klimaatomstandigheden	Säsongsbaserade värningsgrad för rumsuppvärmning under kallare klimatförhållanden	la efficacité énergétique pour le chauffage de l'eau, dans les conditions climatiques plus froides	sezonowa efektywność energtyczna ogrzewania pomieszczeń w warunkach klimatu chłodnego	η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου υπό ψυχρότερες κλιματικές συνθήκες
	Itälaaminyksesiä kausittainen energiatehokkuus kylmissä ilmastoloosuhteissa	sezonní energetická účinnost vytápění za chladnějších klimatických podmínek	сезонната енергийна ефективност при отопление при по-студени климатични условия	la eficiencia energética de calefacción en condiciones climáticas más frías	-
	Seasonal space heating energy efficiency under warmer climate conditions	für die Jahreszeitbedingte Raumheizungs-Energieeffizienz bei wärmeren Klimaverhältnissen	la efficacité énergétique saisonnière pour le chauffage des locaux, dans les conditions climatiques plus chaudes	la eficiencia energética do aquecimento ambiente sazonal em condições climáticas mais quentes	para calentar agua, el consumo anual de electricidad en condiciones climáticas más calidas
21	de seizoensoegbonden energie-efficiëntie voor ruimteverwarming onder warmere klimaatomstandigheden	Säsongsbaserade värningsgrad för rumsuppvärmning under varmare klimatförhållanden	la efficacité énergétique pour le chauffage de l'eau, dans les conditions climatiques plus chaudes	sezonowa efektywność energtyczna ogrzewania pomieszczeń w warunkach klimatu ciepłego	για θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας υπό θερμότερες κλιματικές συνθήκες
	Itälaaminyksesiä kausittainen energiatehokkuus lämpimissä ilmastoloosuhteissa	sezonní energetická účinnost vytápění za teplejších klimatických podmínek	сезонната енергийна ефективност при отопление при по-топли климатични условия	la eficiencia energética de calefacción en condiciones climáticas más calidas	-
	Water heating energy efficiency under colder climate conditions	die Warmwasserbereitungs-Energieeffizienz bei kälteren Klimaverhältnissen	l'efficacité énergétique pour le chauffage des locaux, dans les conditions climatiques plus froides	la eficiencia energética do aquecimento ambiente sazonal em condições climáticas mais frias	la eficiencia energética estacional de calefacción en condiciones climáticas más calidas
22	de energie-efficiëntie voor waterverwarming onder koudere klimaatomstandigheden	Energieeffektivitet vid vattenuppvärmning under kallare klimatförhållanden	energieeffectiviteit ved vandopvarmning under koldere klimaforhold	la eficiencia energética de calefacción en condiciones climáticas más frías	-
	vedenlämmityksen energiatehokkuus kylmissä ilmastoloosuhteissa	energetická účinnost ohřevu vody za chladnějších klimatických podmínek	енергийната ефективност при подгриване на вода при по-студени климатични условия	sezonowa efektywność energtyczna ogrzewania wody w warunkach klimatu chłodnego	η ενεργειακή απόδοση της θέρμανσης νερού υπό ψυχρότερες κλιματικές συνθήκες
	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	la eficiencia energética de calefacción en condiciones climáticas más calidas	-
23	de energie-efficiëntie voor waterverwarming onder warmere klimaatomstandigheden	Energieeffektivitet ved vattenuppvärmning under varmare klimatförhållanden	energieeffectiviteit ved vandopvarmning under varmere klimaforhold	la eficiencia energética de calefacción en condiciones climáticas más calidas	-
	vedenlämmityksen energiatehokkuus kylmissä ilmastoloosuhteissa	energetická účinnost ohřevu vody za teplejších klimatických podmínek	енергийната ефективност при подгриване на вода при по-топли климатични условия	sezonowa efektywność energtyczna ogrzewania wody w warunkach klimatu ciepłego	η ενεργειακή απόδοση της θέρμανσης νερού υπό θερμότερες κλιματικές συνθήκες
	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 geluidvermogeniveau L _{wa} buiten	Ljudeffektivita L _{wa} utomhus	lydeeffektivitet L _{wa} i ude	O nivel de potencia sonora L _{wa} no exterior	η στάθμη ηχητικής ισχύος L _{wa} εξωτερικού χώρου
	äänitehobaso L _{wa} ulkona	hladina akustického výkonu L _{wa} ve venkovním prostoru	ниво на звуковата мощност L _{wa} на открито	poziom mocy akustycznej L _{wa} na zewnątrz	-

Model(s):	Outdoor unit:	PUHZ-FRP71VHA2
	Indoor unit:	EHSC-****C/D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.5	kW	Seasonal space heating energy efficiency	ηs	121	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.9	kW	Tj = - 7 °C	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	4.1	kW	Tj = + 2 °C	COPd	3.04	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.8	kW	Tj = + 7 °C	COPd	3.99	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	1.6	kW	Tj = +12 °C	COPd	4.59	-
Degradation co-efficient (**)	Cdh	0.94	-				
Tj = bivalent temperature	Pdh	6.9	kW	Tj = bivalent temperature	COPd	2.03	-
Tj = operation limit temperature	Pdh	4.1	kW	Tj = operation limit temperature	COPd	1.31	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.020	kW	Rated heat output (*)	Psup	1.2	kW
Thermostat-off mode	P _{TO}	0.020	kW				
Standby mode	P _{SB}	0.020	kW				
Crankcase heater mode	P _{CK}	0.005	kW				
				Type of energy input			

Capacity control	variable			Rated air flow rate, outdoors	-	3300	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	40/68	dBA				
Annual energy consumption	Q _{HE}	4923	kWh				

For heat pump combination heater:

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

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

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

Model(s):	Outdoor unit:	PUHZ-FRP71VHA2
	Indoor unit:	EHSC-****C/D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.5	kW	Seasonal space heating energy efficiency	η_s	163	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T _j			
T _j = - 7 °C	P _{dh}	6.6	kW	T _j = - 7 °C	COP _d	2.54	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = + 2 °C	P _{dh}	4.7	kW	T _j = + 2 °C	COP _d	4.20	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = + 7 °C	P _{dh}	5.4	kW	T _j = + 7 °C	COP _d	5.32	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = +12 °C	P _{dh}	6.2	kW	T _j = +12 °C	COP _d	7.16	-
Degradation co-efficient (**)	C _{dh}	0.97	-				
T _j = bivalent temperature	P _{dh}	6.6	kW	T _j = bivalent temperature	COP _d	2.54	-
T _j = operation limit temperature	P _{dh}	4.1	kW	T _j = operation limit temperature	COP _d	1.33	-
T _j = - 15 °C (if TOL < - 20 °C)	P _{dh}	-	kW	T _j = - 15 °C (if TOL < - 20 °C)	COP _d	-	-
Bivalent temperature	T _{biv}	-7	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.020	kW	Rated heat output (*)	P _{sup}	1.4	kW
Thermostat-off mode	P _{TO}	0.020	kW				
Standby mode	P _{SB}	0.020	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.005	kW				

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

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

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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:	EHSC-****C/D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.4	kW	Seasonal space heating energy efficiency	η_s	98	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T _j			
T _j = - 7 °C	P _{dh}	3.0	kW	T _j = - 7 °C	COP _d	1.91	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = + 2 °C	P _{dh}	4.4	kW	T _j = + 2 °C	COP _d	2.64	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = + 7 °C	P _{dh}	5.3	kW	T _j = + 7 °C	COP _d	3.94	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = +12 °C	P _{dh}	6.1	kW	T _j = +12 °C	COP _d	4.79	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = bivalent temperature	P _{dh}	4.1	kW	T _j = bivalent temperature	COP _d	0.90	-
T _j = operation limit temperature	P _{dh}	4.1	kW	T _j = operation limit temperature	COP _d	1.33	-
T _j = - 15 °C (if TOL < - 20 °C)	P _{dh}	-	kW	T _j = - 15 °C (if TOL < - 20 °C)	COP _d	-	-
Bivalent temperature	T _{biv}	-20	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.020	kW	Rated heat output (*)	P _{sup}	4.4	kW
Thermostat-off mode	P _{TO}	0.020	kW				
Standby mode	P _{SB}	0.020	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.005	kW				

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

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

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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:	EHSC-****C/D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.4	kW	Seasonal space heating energy efficiency	η_s	134	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T _j			
T _j = - 7 °C	P _{dh}	3.4	kW	T _j = - 7 °C	COP _d	2.76	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = + 2 °C	P _{dh}	4.7	kW	T _j = + 2 °C	COP _d	4.60	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = + 7 °C	P _{dh}	5.5	kW	T _j = + 7 °C	COP _d	2.35	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = +12 °C	P _{dh}	6.5	kW	T _j = +12 °C	COP _d	3.05	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = bivalent temperature	P _{dh}	4.1	kW	T _j = bivalent temperature	COP _d	1.31	-
T _j = operation limit temperature	P _{dh}	4.1	kW	T _j = operation limit temperature	COP _d	1.33	-
T _j = - 15 °C (if TOL < - 20 °C)	P _{dh}	-	kW	T _j = - 15 °C (if TOL < - 20 °C)	COP _d	-	-
Bivalent temperature	T _{biv}	-20	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.020	kW	Rated heat output (*)	P _{sup}	4.4	kW
Thermostat-off mode	P _{TO}	0.020	kW				
Standby mode	P _{SB}	0.020	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.005	kW				

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L _{WA}	40/68	dBA
Annual energy consumption	Q _{HE}	3554	kWh
Rated air flow rate, outdoors			
-			
3300			
m ³ /h			

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

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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:	EHSC-****C/D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.5	kW	Seasonal space heating energy efficiency	η_s	150	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T _j			
T _j = - 7 °C	P _{dh}	-	kW	T _j = - 7 °C	COP _d	-	-
Degradation co-efficient (**)	C _{dh}	-	-				
T _j = + 2 °C	P _{dh}	7.5	kW	T _j = + 2 °C	COP _d	1.87	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = + 7 °C	P _{dh}	4.8	kW	T _j = + 7 °C	COP _d	3.00	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = +12 °C	P _{dh}	2.1	kW	T _j = +12 °C	COP _d	5.42	-
Degradation co-efficient (**)	C _{dh}	0.94	-				
T _j = bivalent temperature	P _{dh}	7.5	kW	T _j = bivalent temperature	COP _d	1.87	-
T _j = operation limit temperature	P _{dh}	4.1	kW	T _j = operation limit temperature	COP _d	1.33	-
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}	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 _{OFF}	0.020	kW	Rated heat output (*)	P _{sup}	0.0	kW
Thermostat-off mode	P _{TO}	0.020	kW				
Standby mode	P _{SB}	0.020	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.005	kW				

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L _{WA}	40/68	dBA
Annual energy consumption	Q _{HE}	2595	kWh
Rated air flow rate, outdoors			
	-	3300	m ³ /h

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

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

Model(s):	Outdoor unit:	PUHZ-FRP71VHA2
	Indoor unit:	EHSC-****C/D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.5	kW	Seasonal space heating energy efficiency	η_s	226	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T _j			
T _j = - 7 °C	P _{dh}	-	kW	T _j = - 7 °C	COP _d	-	-
Degradation co-efficient (**)	C _{dh}	-	-				
T _j = + 2 °C	P _{dh}	7.5	kW	T _j = + 2 °C	COP _d	2.41	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = + 7 °C	P _{dh}	4.8	kW	T _j = + 7 °C	COP _d	4.56	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = +12 °C	P _{dh}	2.1	kW	T _j = +12 °C	COP _d	8.17	-
Degradation co-efficient (**)	C _{dh}	0.92	-				
T _j = bivalent temperature	P _{dh}	7.5	kW	T _j = bivalent temperature	COP _d	2.41	-
T _j = operation limit temperature	P _{dh}	4.1	kW	T _j = operation limit temperature	COP _d	1.33	-
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}	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 _{OFF}	0.020	kW	Rated heat output (*)	P _{sup}	0.0	kW
Thermostat-off mode	P _{TO}	0.020	kW				
Standby mode	P _{SB}	0.020	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.005	kW				

Other items			
Capacity control	variable		
Sound power level, indoors/outdoors	L _{WA}	40/68	dBA
Annual energy consumption	Q _{HE}	1722	kWh
Rated air flow rate, outdoors			
	-	3300	m ³ /h

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

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.