



1	2	For medium-temperature application.												For low-temperature application.																																
		3	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
Outdoor unit	Indoor unit																																													
		Medium-temperature application																																												
		Seasonal space heating energy efficiency class																																												
		Water heating energy efficiency class																																												
		Rated heat output under average climate conditions																																												
		kW																																												
		kWh																																												
		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																																												
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		Rated heat output under warmer climate conditions																																												
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		Water heating energy efficiency under warmer climate conditions																																												
		dB																																												
		Sound power level LWA indoor																																												
		Sound power level LWA outdoor																																												
CRHV-P600YA-HPB	-	✓ A++	-	55.0	33710	-	127	-	-	-	55.0	55.0	49387	22517	-	-	102	123	-	-	72	✓ A++	-	60.0	30733	-	153	-	-	-	-	60.0	60.0	48415	20413	-	-	114	149	-	-	66				
CAHV-P500YB-HPB(-BS)	-	✓ A++	-	45.0	29115	-	125	-	-	-	35.0	45.0	32339	17098	-	-	104	138	-	-	79	✓ A+	-	45.0	26240	-	139	-	-	-	-	45.0	45.0	41798	14626	-	-	103	161	-	-	76				

	English	Deutsch	Français	Italiano	Español
	Nederlands	Svenska	Dansk	Português	Ελληνικά
	suomi	Čeština	Български	Polski	-
1	Outdoor unit	Außengerät	unité extérieure	unità esterna	unidad exterior
	buitenumit	Utomhusenhet	Udendørs enhed	unidad exterior	Εξωτερική μονάδα
	Ulkojyksikkö	Venkovní jednotka	Външно тяло	jednostka zewnętrzna	-
2	Indoor unit	Innengerät	unité intérieure	unità interna	unidad interior
	binnenunit	Inomhusenhet	Indendørs enhed	unidad interior	Εσωτερική μονάδα
	Sisäyksikkö	Vnitřní jednotka	Вътрешно тяло	jednostka wewnętrzna	-
3	Medium-temperature application	Mitteltemperaturanwendung	l'application à moyenne température	le applicazioni a media temperatura	la aplicación de media temperatura
	middentemperatur-toepassing	mediumtemperaturapplikation	middeletemperaturanvendelsen	a aplicação a média temperatura	η εφαρμογή σε μέση θερμοκρασία
	keskilämpötilan sovellus	středněteplotní aplikace	среднотемпературного приложения	zastosowania w średnich temperaturach	-
4	Low-temperature application	Niedertemperaturanwendung	l'application à basse température	le applicazioni a bassa temperatura	la aplicación de baja temperatura
	lagetemperatur-toepassing	lägtemperaturapplikation	lavtemperaturanvendelsen	a aplicação a baixa temperatura	η εφαρμογή σε χαμηλή θερμοκρασία
	matalanlämpötilan sovellus	nízkoteplotní aplikace	нижнотемпературного приложения	zastosowania w niskich temperaturach	-
	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
5	de seizoensgebonden energie-efficiëntieklaasse voor ruimteverwarming	säsongsrelaterade energieeffektivitetsklass vid rumsuppvärming	klassen för årsvarningsgrad ved rumopvarmning	A classe de eficiência energética do aquecimento ambiente sazonal	η τάξη ενεργειακής απόδοσης της εποχιακής θέρμανσης χώρου
	tilalämmytyksen kausittainen energiatehokkuusluokka	trída sezónná energetické účinnosti výtápení	класът на сезона на отопление енергийна ефективност	klasa sezonowej efektywności energetycznej ogrzewania pomieszczeń	-
	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
6	de energie-efficiëntieklaasse voor waterverwarming	energieeffektivitetsklass vid vattenuppvärming	klassen for årsvarningsgrad ved vandopvarmning	A classe de eficiência energética do aquecimento de água	η τάξη ενεργειακής απόδοσης θέρμανσης νερού
	vedenlämmityksen energiatehokkuusluokka	trída energetické účinnost ohřevu vody	класът на енергийната ефективност при подгряване на вода	klasa efektywności energetycznej podgrzewania wody	-
7	Rated heat output under average climate conditions	die Wärmenenergieleistung 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(under gemiddelde klimaatomstandigheden)	Den nominella avgivna värmeeffekten(under genomsnittliga klimatförhållanden)	den nominelle nyttieffekt(under gennemsnittlige klimaforhold)	A potência calorífica nominal(em condições climáticas médias)	η ονομαστική θέρμανση χώρου(υπό μέσες κλιματικές συνθήκες)
	nimellislämpöteho(keskimääritässä ilmasto-olosuhteissa)	imenovitý tepelný výkon(za průměrných klimatických podmínek)	номинальная топливная мощность(при средни климатични условия)	znamionowa moc cieplna(w warunkach klimatu umiarkowanego)	-
8	For space heating, annual energy consumption under average climate conditions	für die Raumheizung, den jährlichen Energieverbrauch bei durchschnittlichen Klimaverhältnissen	pour le chauffage des locaux, la consommation annuelle d'énergie(dans les conditions climatiques moyennes)	per il riscaldamento d'ambiente, il consumo annuo di energia(in condizioni climatiche medie)	para calentar espacios, el consumo anual de energía(en condiciones climáticas medias)
	voor ruimteverwarming, het jaarlijkse energieverbruik(under gemiddelde klimaatomstandigheden)	För rumsuppvärming, årlig energiförbrukning(vid genomsnittliga klimatförhållanden)	for rumopvarmning det årlige energiforbrug(under gennemsnittlige klimaforhold)	Para o aquecimento ambiente, o consumo anual de energia(em condições climáticas medias)	για τη θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας(υπό μέσες κλιματικές συνθήκες)
	tilalämmytyksetä vuotuinen energiankulutus(keskimääritässä ilmasto-olosuhteissa)	pro vytápění – roční spotřeba energie za průměrných klimatických podmínek	за отопление, годишното потребление на енергия(при средни климатични условия)	w odniesieniu do ogrzewania wody, 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(under gemiddelde klimaatomstandigheden)	För vattenuppvärming, årlig elrförbrukning(vid genomsnittliga klimatförhållanden)	for vandopvarmning det årlige elforbrug(under gennemsnittlige klimaforhold)	para o aquecimento de água, o consumo anual de electricidade(em condições climáticas medias)	για τη θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας(υπό μέσες κλιματικές συνθήκες)
	vedenlämmityksetä vuotuinen sähkökulutus(keskimääritässä ilmasto-olosuhteissa)	pro ohřev vody – roční spotřeba elektrické energie za průměrných klimatických podmínek	за подгряване на вода, годишното потребление(при средни климатични условия)	w odniesieniu do podgrzewania wody, roczne zużycie energii elektrycznej(w warunkach klimatu umiarkowanego)	-
10	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'efficienza energetica stagionale di riscaldamento d'ambiente(in condizioni climatiche medie)	la eficiencia energética estacional de calefacción(en condiciones climáticas medias)
	de seizoensgebonden energie-efficiëntie voor ruimteverwarming(under gemiddelde klimaatomstandigheden)	Säsongsmedelverkningsgrad för rumsuppvärming(vid genomsnittliga klimatförhållanden)	årsvarningsgraden ved rumopvarmning(under gennemsnittlige klimaforhold)	A eficiência energética do aquecimento ambiente sazonal(em condições climáticas medias)	η εργειακή απόδοση της εποχιακής θέρμανσης χώρου(υπό μέσες κλιματικές συνθήκες)
	tilalämmytyksen kausittainen energiatehokkuus(keskimääritässä ilmasto-olosuhteissa)	sezonní energetická účinnost vytápění za průměrných klimatických podmínek	сезонна енергийна ефективност при отопление(при средни климатични условия)	sezonowa efektywność energetyczna ogrzewania pomieszczeń(w warunkach klimatu umiarkowanego)	-
11	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)	l'efficienza energetica di riscaldamento dell'acqua(in condizioni climatiche medie)	la eficiencia energética del caldeo de agua(en condiciones climáticas medias)
	de energie-efficiëntie voor waterverwarming(under gemiddelde klimaatomstandigheden)	Energieeffektivitet vid vattenuppvärming(vid genomsnittliga klimatförhållanden)	energieeffektiviteten ved vandopvarmning(under gennemsnittlige klimaforhold)	a eficiência energética do aquecimento de água(em condições climáticas medias)	η εργειακή απόδοση θέρμανσης νερού(υπό μέσες κλιματικές συνθήκες)
	vedenlämmityksen energiatehokkuus(keskimääritässä ilmasto-olosuhteissa)	energetická účinnost ohřevu vody za průměrných klimatických podmínek	енергийната ефективност при подгряване на вода(при средни климатични условия)	efektywność energetyczna podgrzewania wody(w warunkach klimatu umiarkowanego)	-
12	Sound power level L _{WA} indoor	der Schalleistungspegel L _{WA} , in Gebäuden	le niveau de puissance acoustique L _{WA} , à l'intérieur	il livello di potenza sonora L _{WA} all'interno	el nivel de potencia acústica L _{WA} en interiores
	het geluidsvormogenseiveau L _{WA} binnen	Ljudeffektivitén L _{WA} i inomhus	lydefektnivealet L _{WA} i inde	O nível de potência sonora L _{WA} , no interior	η στάθμη ηχητικής ισχύς L _{WA} εσωτερικού χώρου
	äänitehotaso L _{WA} sisällä	hladina akustického výkonu L _{WA} ve vnitřní prostoru	nívota na zvukovata možnosti L _{WA} na zakrito	poziom mocy akustycznej L _{WA} w pomieszczeniu	-
13	Work only during off-peak hours	dass ein ausschließlicher Betrieb des Kombiheizgerätes zu Schwachlastzeiten	fonctionner qu'en heures creuses	funcionar solamente durante las horas de baja demanda	funcionar solamente durante las horas de pico
	werken uitsluitend in de daluren	drives utesluttande under perioder med låg belastning	fungere uden for spidsbelastningsperioder	λειτουργία μόνο εκτός των ωρών αιχμής	-
	toimimaan ainoastaan kulutushuipujen ulkopuolella	provozu pouze mimo špičku	работи само в часовете извън върховата натоварване	pracować jedynie w godzinach poza szczytowym obciążeniem	-
14	Rated heat output under colder climate conditions	die Wärmenenergieleistung 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 avgiven värmeeffekt vid kallare klimatförhållanden	den nominelle nyttieffekt under koldere klimaforhold	A potência calorífica nominal em condições climáticas mais frias	η ονομαστική θέρμανση χώρου(υπό μέσες ψυχρότερες κλιματικές συνθήκες)
	nimellislämpöteho, kylmissä ilmasto-olosuhteissa	imenovitý tepelný výkon za chladnějších klimatických podmínek	номинальная топливная мощность при по-студени климатични условия	znamionowa moc cieplna(w warunkach klimatu chłodnego)	-
15	Rated heat output under warmer climate conditions	die Wärmenenergieleistung 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 cálidas
	de nominale warmteafgifte, onder warmere klimaatomstandigheden	Nominell avgiven värmeeffekt vid varmare klimatförhållanden	den nominelle nyttieffekt under varmere klimaforhold	A potência calorífica nominal em condições climáticas mais quentes	η ονομαστική θέρμανση χώρου(υπό θερμότερες κλιματικές συνθήκες)
	tilalämmytyksen kausittainen energiatehokkuus kylmissä ilmasto-olosuhteissa	imenovitý tepelný výkon za teplějších klimatických podmínek	номинальная топливная мощность при по-толпи климатични условия	znamionowa moc cieplna(w warunkach klimatu cielego)	-
16	For space heating, annual energy consumption under colder climate conditions	für die Raumheizung, den jährlichen 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 rumsuppvärming, årlig energiförbrukning under kallare klimatförhållanden	for rumopvarmning det årlige energiforbrug under koldere klimaforhold	Para o aquecimento ambiente, o consumo anual de energia em condições climáticas mais frias	για τη θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας(υπό μέσες ψυχρότερες κλιματικές συνθήκες)
	tilalämmytyksetä vuotuinen energiankulutus kylmissä ilmasto-olosuhteissa	pro vytápění – 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 cálidas
	voor ruimteverwarming, het jaarlijkse energieverbruik onder warmere klimaatomstandigheden	För rumsuppvärming, årlig energiförbrukning under varmare klimatförhållanden	for rumopvarmning det årlige energiforbrug under varmere klimaforhold	Para o aquecimento ambiente, o consumo anual de energia em condições climáticas mais quentes	για τη θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας υπό θερμότερες κλιματικές συνθήκες
	tilalämmytyksetä vuotuinen energiankulutus lämpimissä ilmasto-olosuhteissa	pro vytápění – roční spotřeba energie za teplějších klimatických podmínek	за отопление, годишното потребление на енергия при по-толпи климатични условия	w odniesieniu do podgrzewania wody, roczne zużycie energii elektrycznej w warunkach klimatu cielego	-
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 vattenuppvärming, årlig elrförbrukning under kallare klimatförhållanden	for vandopvarmning det årlige elforbrug under koldere klimaforhold	para o aquecimento de água, o consumo anual de eletricidade em condições climáticas mais frias	για θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας υπό ψυχρότερες κλιματικές συνθήκες
	vedenlämmityksetä vuotuinen sähkökulutus kylmissä ilmasto-olosuhteissa	pro ohřev 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 cálidas
	voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder warmere klimaatomstandigheden	För vattenuppvärming, årlig elrförbrukning under varmare klimatförhållanden	for vandopvarmning det årlige elforbrug under varmere klimaforhold	para o aquecimento de água, o consumo anual de eletricidade em condições climáticas mais quentes	για θέρμανση νερού, η ετή

Model(s):	Outdoor unit:	CAHV-P500YB-HPB(-BS)		
	Indoor unit:	-		
Air-to-water heat pump:	yes			
Water-to-water heat pump:	no			
Brine-to-water heat pump:	no			
Low-temperature heat pump:	no			
Equipped with a supplementary heater:	no			
Heat pump combination heater:	no			
Parameters for	medium-temperature application.			
Parameters for	average climate conditions.			
Item	Symbol	Value	Unit	
Rated heat output (*)	Prated	45	kW	
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				
Tj= - 7 °C	Pdh	39.8	kW	
Degradation co-efficient (**)	Cdh	0.9	-	
Tj= + 2 °C	Pdh	24.2	kW	
Degradation co-efficient (**)	Cdh	0.9	-	
Tj= + 7 °C	Pdh	21.0	kW	
Degradation co-efficient (**)	Cdh	0.9	-	
Tj= +12 °C	Pdh	25.3	kW	
Degradation co-efficient (**)	Cdh	0.9	-	
Tj= bivalent temperature	Pdh	39.8	kW	
Tj= operation limit temperature	Pdh	45.0	kW	
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	
Bivalent temperature	Tbiv	-7	°C	
Power consumption in modes other than active mode				
Off mode	P _{OFF}	0.105	kW	
Thermostat-off mode	P _{TO}	0.105	kW	
Standby mode	P _{SB}	0.105	kW	
Crankcase heater mode	P _{CK}	0.090	kW	
Other items				
Capacity control	variable		Rated air flow rate, outdoors	- 8850 m ³ /h
Sound power level, indoors/outdoors	L _{WA}	-79	dBA	
Annual energy consumption	Q _{HE}	29115	kWh	
For heat pump combination heater:				
Declared load profile	-		Water heating energy efficiency	ηwh - %
Daily electricity consumption	Qelec	-	kW/h	
Annual electricity consumption	AEC	-	kW/h	
Contact details				
MITSUBISHI ELECTRIC CORPORATION AIR-CONDITIONING & REFRIGERATION SYSTEMS WORKS	5-66, Tebira, 6-Chome, Wakayama City 640-8686, Japan			

(*) 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:	CAHV-P500YB-HPB(-BS)		
	Indoor unit:	-		
Air-to-water heat pump:	yes			
Water-to-water heat pump:	no			
Brine-to-water heat pump:	no			
Low-temperature heat pump:	no			
Equipped with a supplementary heater:	no			
Heat pump combination heater:	no			
Parameters for	low-temperature application.			
Parameters for	average climate conditions.			
Item	Symbol	Value	Unit	
Rated heat output (*)	Prated	45	kW	
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				
Tj= - 7 °C	Pdh	39.8	kW	
Degradation co-efficient (**)	Cdh	0.9	-	
Tj= + 2 °C	Pdh	24.2	kW	
Degradation co-efficient (**)	Cdh	0.9	-	
Tj= + 7 °C	Pdh	21.5	kW	
Degradation co-efficient (**)	Cdh	0.9	-	
Tj= +12 °C	Pdh	25.5	kW	
Degradation co-efficient (**)	Cdh	0.9	-	
Tj= bivalent temperature	Pdh	39.8	kW	
Tj= operation limit temperature	Pdh	37.6	kW	
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	
Bivalent temperature	Tbiv	-7	°C	
Power consumption in modes other than active mode				
Off mode	P _{OFF}	0.105	kW	
Thermostat-off mode	P _{TO}	0.105	kW	
Standby mode	P _{SB}	0.105	kW	
Crankcase heater mode	P _{CK}	0.090	kW	
Other items				
Capacity control	variable		Rated air flow rate, outdoors	- 8850 m ³ /h
Sound power level, indoors/outdoors	L _{WA}	-79	dBA	
Annual energy consumption	Q _{HE}	26240	kWh	
For heat pump combination heater:				
Declared load profile	-		Water heating energy efficiency	ηwh - %
Daily electricity consumption	Qelec	-	kW/h	
Annual electricity consumption	AEC	-	kW/h	
Contact details				
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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

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

Model(s):	Outdoor unit:	CAHV-P500YB-HPB(-BS)		
	Indoor unit:	-		
Air-to-water heat pump:	yes			
Water-to-water heat pump:	no			
Brine-to-water heat pump:	no			
Low-temperature heat pump:	no			
Equipped with a supplementary heater:	no			
Heat pump combination heater:	no			
Parameters for	medium-temperature application.			
Parameters for	colder climate conditions.			
Item	Symbol	Value	Unit	
Rated heat output (*)	Prated	35	kW	
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				
Tj= - 7 °C	Pdh	21.2	kW	
Degradation co-efficient (**)	Cdh	0.9	-	
Tj= + 2 °C	Pdh	17.6	kW	
Degradation co-efficient (**)	Cdh	0.9	-	
Tj= + 7 °C	Pdh	21.3	kW	
Degradation co-efficient (**)	Cdh	0.9	-	
Tj= +12 °C	Pdh	25.5	kW	
Degradation co-efficient (**)	Cdh	0.9	-	
Tj= bivalent temperature	Pdh	21.2	kW	
Tj= operation limit temperature	Pdh	32.2	kW	
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	
Bivalent temperature	Tbiv	-7	°C	
Power consumption in modes other than active mode				
Off mode	P _{OFF}	0.105	kW	
Thermostat-off mode	P _{TO}	0.105	kW	
Standby mode	P _{SB}	0.105	kW	
Crankcase heater mode	P _{CK}	0.090	kW	
Other items				
Capacity control	variable		Rated air flow rate, outdoors	- 8850 m ³ /h
Sound power level, indoors/outdoors	L _{WA}	-79	dBA	
Annual energy consumption	Q _{HE}	32339	kWh	
For heat pump combination heater:				
Declared load profile	-		Water heating energy efficiency	ηwh - %
Daily electricity consumption	Qelec	-	kW/h	
Annual electricity consumption	AEC	-	kW/h	
Contact details				
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(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

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

Model(s):	Outdoor unit:	CAHV-P500YB-HPB(-BS)		
	Indoor unit:	-		
Air-to-water heat pump:	yes			
Water-to-water heat pump:	no			
Brine-to-water heat pump:	no			
Low-temperature heat pump:	no			
Equipped with a supplementary heater:	no			
Heat pump combination heater:	no			
Parameters for	low-temperature application.			
Parameters for	colder climate conditions.			
Item	Symbol	Value	Unit	
Rated heat output (*)	Prated	45	kW	
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				
Tj= - 7 °C	Pdh	27.2	kW	
Degradation co-efficient (**)	Cdh	0.9	-	
Tj= + 2 °C	Pdh	18.0	kW	
Degradation co-efficient (**)	Cdh	0.9	-	
Tj= + 7 °C	Pdh	21.6	kW	
Degradation co-efficient (**)	Cdh	0.9	-	
Tj= +12 °C	Pdh	25.5	kW	
Degradation co-efficient (**)	Cdh	0.9	-	
Tj= bivalent temperature	Pdh	27.2	kW	
Tj= operation limit temperature	Pdh	30.8	kW	
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	
Bivalent temperature	Tbiv	-7	°C	
Power consumption in modes other than active mode				
Off mode	P _{OFF}	0.105	kW	
Thermostat-off mode	P _{TO}	0.105	kW	
Standby mode	P _{SB}	0.105	kW	
Crankcase heater mode	P _{CK}	0.090	kW	
Other items				
Capacity control	variable		Rated air flow rate, outdoors	- 8850 m ³ /h
Sound power level, indoors/outdoors	L _{WA}	-79	dBA	
Annual energy consumption	Q _{HE}	41798	kWh	
For heat pump combination heater:				
Declared load profile	-		Water heating energy efficiency	ηwh - %
Daily electricity consumption	Qelec	-	kW/h	
Annual electricity consumption	AEC	-	kW/h	
Contact details				
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(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

Model(s):	Outdoor unit:	CAHV-P500YB-HPB(-BS)		
	Indoor unit:	-		
Air-to-water heat pump:	yes			
Water-to-water heat pump:	no			
Brine-to-water heat pump:	no			
Low-temperature heat pump:	no			
Equipped with a supplementary heater:	no			
Heat pump combination heater:	no			
Parameters for	medium-temperature application.			
Parameters for	warmer climate conditions.			
Item	Symbol	Value	Unit	
Rated heat output (*)	Prated	45	kW	
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				
Tj= - 7 °C	Pdh	-	kW	
Degradation co-efficient (**)	Cdh	-		
Tj= + 2 °C	Pdh	45.0	kW	
Degradation co-efficient (**)	Cdh	0.9		
Tj= + 7 °C	Pdh	28.9	kW	
Degradation co-efficient (**)	Cdh	0.9		
Tj= +12 °C	Pdh	24.9	kW	
Degradation co-efficient (**)	Cdh	0.9		
Tj= bivalent temperature	Pdh	28.9	kW	
Tj= operation limit temperature	Pdh	45.0	kW	
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	
Bivalent temperature	Tbiv	7	°C	
Power consumption in modes other than active mode				
Off mode	P _{OFF}	0.105	kW	
Thermostat-off mode	P _{TO}	0.105	kW	
Standby mode	P _{SB}	0.105	kW	
Crankcase heater mode	P _{CK}	0.090	kW	
Other items				
Capacity control	variable		Rated air flow rate, outdoors	- 8850 m ³ /h
Sound power level, indoors/outdoors	L _{WA}	-/79	dBA	
Annual energy consumption	Q _{HE}	17098	kWh	
For heat pump combination heater:				
Declared load profile	-		Water heating energy efficiency	ηwh - %
Daily electricity consumption	Qelec	-	kW/h	
Annual electricity consumption	AEC	-	kW/h	
Contact details				
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(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.

Model(s):	Outdoor unit:	CAHV-P500YB-HPB(-BS)		
	Indoor unit:	-		
Air-to-water heat pump:	yes			
Water-to-water heat pump:	no			
Brine-to-water heat pump:	no			
Low-temperature heat pump:	no			
Equipped with a supplementary heater:	no			
Heat pump combination heater:	no			
Parameters for	low-temperature application.			
Parameters for	warmer climate conditions.			
Item	Symbol	Value	Unit	
Rated heat output (*)	Prated	45	kW	
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				
Tj= - 7 °C	Pdh	-	kW	
Degradation co-efficient (**)	Cdh	-		
Tj= + 2 °C	Pdh	45.0	kW	
Degradation co-efficient (**)	Cdh	0.9		
Tj= + 7 °C	Pdh	28.9	kW	
Degradation co-efficient (**)	Cdh	0.9		
Tj= +12 °C	Pdh	25.3	kW	
Degradation co-efficient (**)	Cdh	0.9		
Tj= bivalent temperature	Pdh	28.9	kW	
Tj= operation limit temperature	Pdh	37.6	kW	
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	
Bivalent temperature	Tbiv	7	°C	
Power consumption in modes other than active mode				
Off mode	P _{OFF}	0.105	kW	
Thermostat-off mode	P _{TO}	0.105	kW	
Standby mode	P _{SB}	0.105	kW	
Crankcase heater mode	P _{CK}	0.090	kW	
Other items				
Capacity control	variable		Rated air flow rate, outdoors	- 8850 m ³ /h
Sound power level, indoors/outdoors	L _{WA}	-79	dBA	
Annual energy consumption	Q _{HE}	14626	kWh	
For heat pump combination heater:				
Declared load profile	-		Water heating energy efficiency	ηwh - %
Daily electricity consumption	Qelec	-	kW/h	
Annual electricity consumption	AEC	-	kW/h	
Contact details				
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(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.