



ENERG
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Y IJA
IE IA



Indoor unit E*ST30D-****D
Outdoor unit PUD-SHWM100YAA(-BS)



A+++

A++

A+

A

B

C

D

A++

A+

A

B

C

D

E

F

A



41 dB



59 dB



10 kW
10 kW
10 kW

2019

811/2013

BH79V003K24



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

1	For medium-temperature application.																								For low-temperature application.																							
	Outdoor unit																																															
	2	Indoor unit	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				
		Medium-temperature application	Seasonal space heating energy efficiency class	Water heating energy efficiency class	Rated heat output under average climate conditions	For space heating, annual energy consumption under average climate conditions	For space 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 _{WA} 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 _{WA} 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 _{WA} 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 _{WA} outdoor					
PUD-SWM60VAA(BS)	EHST17D-****D	✓	A++	A+	6.0	3618	798	130	136	41	-	6.0	6.0	4923	2065	968	709	109	148	112	154	55	✓	A+++	A+	6.0	2672	798	175	136	41	-	6.0	6.0	4012	1489	968	709	133	205	112	154	55					
	ERST17D-****D	✓	A++	A+	6.0	3618	798	130	136	41	-	6.0	6.0	4923	2065	968	709	109	148	112	154	55	✓	A+++	A+	6.0	2672	798	175	136	41	-	6.0	6.0	4012	1489	968	709	133	205	112	154	55					
	EHST20D-****D	✓	A++	A+	6.0	3618	736	130	148	41	-	6.0	6.0	4923	2065	900	675	109	148	120	162	55	✓	A+++	A+	6.0	2672	736	175	148	41	-	6.0	6.0	4012	1489	900	675	133	205	120	162	55					
	ERST20D-****D	✓	A++	A+	6.0	3618	736	130	148	41	-	6.0	6.0	4923	2065	900	675	109	148	120	162	55	✓	A+++	A+	6.0	2672	736	175	148	41	-	6.0	6.0	4012	1489	900	675	133	205	120	162	55					
	EHST30D-****D	✓	A++	A	6.0	3618	1431	130	121	41	-	6.0	6.0	4923	2065	1700	1203	109	148	102	145	55	✓	A+++	A	6.0	2672	1431	175	121	41	-	6.0	6.0	4012	1489	1700	1203	133	205	102	145	55					
	ERST30D-****D	✓	A++	A	6.0	3618	1431	130	121	41	-	6.0	6.0	4923	2065	1700	1203	109	148	102	145	55	✓	A+++	A	6.0	2672	1431	175	121	41	-	6.0	6.0	4012	1489	1700	1203	133	205	102	145	55					
	EHSD-****D	✓	A++	-	6.0	3618	-	130	-	41	-	6.0	6.0	4923	2065	-	-	109	148	-	-	55	✓	A+++	-	6.0	2672	-	175	-	41	-	6.0	6.0	4012	1489	-	-	133	205	-	-	55					
PUD-SWM80VAA(BS)	ERSD-****D	✓	A++	-	6.0	3618	-	130	-	41	-	6.0	6.0	4923	2065	-	-	109	148	-	-	55	✓	A+++	-	6.0	2672	-	175	-	41	-	6.0	6.0	4012	1489	-	-	133	205	-	-	55					
	EHST17D-****D	✓	A++	A+	8.0	4814	798	131	136	41	-	8.0	8.0	6507	2554	968	709	110	161	112	154	56	✓	A+++	A+	8.0	3529	798	178	136	41	-	8.0	8.0	5083	1879	968	709	139	218	112	154	56					
	ERST17D-****D	✓	A++	A+	8.0	4814	798	131	136	41	-	8.0	8.0	6507	2554	968	709	110	161	112	154	56	✓	A+++	A+	8.0	3529	798	178	136	41	-	8.0	8.0	5083	1879	968	709	139	218	112	154	56					
	EHST20D-****D	✓	A++	A+	8.0	4814	736	131	148	41	-	8.0	8.0	6507	2554	900	675	110	161	120	162	56	✓	A+++	A+	8.0	3529	736	178	148	41	-	8.0	8.0	5083	1879	900	675	139	218	120	162	56					
	ERST20D-****D	✓	A++	A+	8.0	4814	736	131	148	41	-	8.0	8.0	6507	2554	900	675	110	161	120	162	56	✓	A+++	A+	8.0	3529	736	178	148	41	-	8.0	8.0	5083	1879	900	675	139	218	120	162	56					
	EHST30D-****D	✓	A++	A	8.0	4814	1431	131	121	41	-	8.0	8.0	6507	2554	1700	1203	110	161	102	145	56	✓	A+++	A	8.0	3529	1431	178	121	41	-	8.0	8.0	5083	1879	1700	1203	139	218	102	145	56					
	ERST30D-****D	✓	A++	A	8.0	4814	1431	131	121	41	-	8.0	8.0	6507	2554	1700	1203	110	161	102	145	56	✓	A+++	A	8.0	3529	1431	178	121	41	-	8.0	8.0	5083	1879	1700	1203	139	218	102	145	56					
PUD-SWM80YAA(BS)	EHSD-****D	✓	A++	-	8.0	4814	-	131	-	41	-	8.0	8.0	6507	2554	-	-	110	161	-	-	56	✓	A+++	-	8.0	3529	-	178	-	41	-	8.0	8.0	5083	1879	-	-	139	218	-	-	56					
	ERSD-****D	✓	A++	-	8.0	4814	-	131	-	41	-	8.0	8.0	6507	2554	-	-	110	161	-	-	56	✓	A+++	-	8.0	3529	-	178	-	41	-	8.0	8.0	5083	1879	-	-	139	218	-	-	56					
	EHST17D-****D	✓	A++	A+	8.0	4814	798	130	136	41	-	8.0	8.0	6507	2554	968	709	109	159	112	154	56	✓	A+++	A+	8.0	3529	798	176	136	41	-	8.0	8.0	5083	1879	968	709	138	215	112	154	56					
	ERST17D-****D	✓	A++	A+	8.0	4814	798	130	136	41	-	8.0	8.0	6507	2554	968	709	109	159	112	154	56	✓	A+++	A+	8.0	3529	798	176	136	41	-	8.0	8.0	5083	1879	968	709	138	215	112	154	56					
	EHST20D-****D	✓	A++	A+	8.0	4814	736	130	148	41	-	8.0	8.0	6507	2554	900	675	109	159	120	162	56	✓	A+++	A+	8.0	3529	736	176	148	41	-	8.0	8.0	5083	1879	900	675	138	215	120	162	56					
	ERST20D-****D	✓	A++	A+	8.0	4814	736	130	148	41	-	8.0	8.0	6507	2554	900	675	109	159	120	162	56	✓	A+++	A+	8.0	3529	736	176	148	41	-	8.0	8.0	5083	1879	900	675	138	215	120	162	56					
	EHST30D-****D	✓	A++	A	8.0	4814	1431	130	121	41	-	8.0	8.0	6507	2554	1700	1203	109	159	102	145	56	✓	A+++	A	8.0	3529	1431	176	121	41	-	8.0	8.0	5083	1879	1700	1203	138	215	102	145	56					
PUD-SWM100VAA(BS)	ERST30D-****D	✓	A++	A	8.0	4814	1431	130	121	41	-	8.0	8.0	6507	2554	1700	1203	109	159	102	145	56	✓	A+++	A	8.0	3529	1431	176	121	41	-	8.0	8.0	5083	1879	1700	1203	138	215	102	145	56					
	EHSD-****D	✓	A++	-	8.0	4814	-	130	-	41	-	8.0	8.0	6507	2554	-	-	109	159	-	-	56	✓	A+++	-	8.0	3529	-	176	-	41	-	8.0	8.0	5083	1879	-	-	138	215	-	-	56					
	ERSD-****D	✓	A++	-	8.0	4814	-	130	-	41	-	8.0	8.0	6507	2554	-	-	109	159	-	-	56	✓	A+++	-	8.0	3529	-	176	-	41	-	8.0	8.0	5083													

	English	Deutsch	Français	Italiano	Español
	Nederlands	Svenska	Dansk	Português	Ελληνικά
	suomi	Čeština	Български	Polski	
1	Outdoor unit	Außengerät	unité extérieure	unità esterna	υπὸθετὸν ἔξωθεν
	Indoor unit	Ulmussenheit	Utdendens enhed	unitàde exterior	ἔξωθεν ἰσχυρὸς
	Ulkoyksikko	Vetkoviin jatkoka	Внешнее тѣло	jednostka zewnętrzna	-
2	Indoor unit	Innengerät	unité intérieure	unità interna	ὑποθετὸν ἑνθὸς
	Sisäyksikko	Vahin jatkoka	Вътрешно тѣло	jednostka wewnętrzna	-
3	Medium-temperature application	Mitteltemperaturanwendung	l'application à moyenne température	le applicazioni a media temperatura	ἡ ἐφαρμογὴ ἐν μεσολαβήσῃ θερμοκρασίᾳ
	middle-temperature-deepensing	mediumtemperatureapplication	middletemperatureverlengelsen	a aplicação a media temperatura	ἡ ἐφαρμογὴ στὴ μεσὴ θερμότητα
	kestälämpötilan sovellus	ströckförhållan applikase	среднетемпературного приложения	zasposzczania w średnich temperaturach	-
4	Low-temperature application	Niedertemperaturanwendung	l'application à basse température	le applicazioni a bassa temperatura	ἡ ἐφαρμογὴ ἐν χαμηλῇ θερμοκρασίᾳ
	läägelämpötilan-keppäsovellus	lagertemperaturanvendelsen	lavtemperaturverlengelsen	a aplicação a baixa temperatura	ἡ ἐφαρμογὴ στὴν χαμηλὴ θερμοκρασία
	metallilämpötilo(keksinhalattaisissa ilmast-oolosuhteissa)	nizkoteploṫi applikace	нискотемпературни приложения	zasposzczania 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	ἡ κλάση τῆς ἐνεργειακῆς ἐπιδοτικότητος ἐν ἐποχικῇ θερμότητι
	de seizoensofgebonden energie-efficiëntieklass voor ruimteverwarming	säsongselebindade energiefektivitetsklass vid rumsvärmming	klassen for årstidsklingegrad ved rumvarmning	A classe de eficiência energética do aquecimento ambiente sazonal	-
	Ulkalämmityksen kasvatusten energiatehokkuusluokka	Ulkalämmityksen kasvatusten energiatehokkuusluokka	Ulkalämmityksen kasvatusten energiatehokkuusluokka	Ulkalämmityksen kasvatusten energiatehokkuusluokka	-
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	ἡ κλάση τῆς ἐνεργειακῆς ἐπιδοτικότητος ἐν ὕδατι
	de energie-efficiëntieklass voor waterverwarming	Ulkalämmityksen energiatehokkuusluokka	Ulkalämmityksen energiatehokkuusluokka	Ulkalämmityksen energiatehokkuusluokka	-
	Ulkalämmityksen energiatehokkuusluokka	Ulkalämmityksen energiatehokkuusluokka	Ulkalämmityksen energiatehokkuusluokka	Ulkalämmityksen energiatehokkuusluokka	-
7	Rated heat output under average climate conditions	den nominella värmeeffekt under genomsnittliga klimatförhållanden	la puissance thermique nominale dans les conditions climatiques moyennes	A potenza termica nominale in condizioni climatiche medie	ἡ ονομαστικὴ θερμικὴ ἰσχύς ὑπὸ μέσης κλιματικῆς συνθήκης
	de nominale warmteafgifte onder gemiddelde klimaatsomstandigheden	Imenoiṫy loppny vyklyotz priŋnnyĥ klimaticheskikh podmynok	den nominelle termiske effekt under gennemsnitlige klimatiske forhold	la potencia calórica nominal en condiciones climáticas normales	-
	Imenoiṫy loppny vyklyotz priŋnnyĥ klimaticheskikh podmynok	Imenoiṫy loppny vyklyotz priŋnnyĥ klimaticheskikh podmynok	Imenoiṫy loppny vyklyotz priŋnnyĥ klimaticheskikh podmynok	Imenoiṫy loppny vyklyotz priŋnnyĥ klimaticheskikh podmynok	-
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)	παρά σαλентῶν ἑσπεδίων, ἐν ἐποχικῇ θερμότητι
	voor ruimteverwarming, het jaarlijkse energieverbruik(onder gemiddelde klimaatsomstandigheden)	For rumsvärmming, årlig energiförbrukning(under genomsnittliga klimatförhållanden)	for rumvarmning, årlig energiförbrukning(under gennemsnitlige klimaforhållanden)	Para o aquecimento ambiente, o consumo anual de energia(em condições climáticas médias)	ὑπὸ τῇ θερμότητι τοῦ ἔτους
	Itälmälmyksessä vuotuisen energiatuloksuksen(linast-oolosuhteissa)	pro vyklyotz – roĥn sporobda energie za priŋnnyĥ klimaticheskikh podmynok	za opotomene, godiṫnogo potrobeniye na energiyu(pri sredni klimaticheskii usloviy)	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)	παρά σαλентῶν ἑσπεδίων, ἐν ἐποχικῇ θερμότητι
9	voor waterverwarming, het jaarlijkse elektriciteitsverbruik(onder gemiddelde klimaatsomstandigheden)	For vattenuppvärmning, årlig elförbrukning(vid genomsnittliga klimatförhållanden)	for vandopvarmning, årlig elforbrug(under gennemsnitlige klimaforhållanden)	para o aquecimento de água, o consumo anual de electricidade(em condições climáticas médias)	-
	Ulkalämmityksessä vuotuisen sähkökulut(keksinhalattaisissa ilmast-oolosuhteissa)	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen	za podgrzewanie na woda, godiṫnogo potrobeniye(pri sredni klimaticheskii usloviy)	w odniesieniu do podgrzewania wody, roczne zużycie energii elektrycznej(w warunkach klimatu umiarkowanego)	-
	Ulkalämmityksessä vuotuisen sähkökulut(keksinhalattaisissa ilmast-oolosuhteissa)	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(n condizioni climatiche medie)	ἡ ἐνεργειακὴ ἐπιδοτικὴ ἐξουχία ἐν μεσολαβήσῃ θερμοκρασίᾳ
10	Seasonal space heating energy efficiency under average climate conditions	Säsongselebindade energiefektivitetsklass vid rumsvärmming(under genomsnittliga klimatförhållanden)	årstidsklingegraden ved rumvarmning(under gennemsnitlige klimaforhållend)	seasonowa efektywność energetyczna ogrzewania pomieszczeń(w warunkach klimatu umiarkowanego)	-
	de seizoensofgebonden energie-efficiëntie voor ruimteverwarming(onder gemiddelde klimaatsomstandigheden)	Ulkalämmityksen kasvatusten energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	Ulkalämmityksen kasvatusten energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	Ulkalämmityksen kasvatusten energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	-
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)	ἡ ἐνεργειακὴ ἐπιδοτικὴ ἐξουχία ἐν μεσολαβήσῃ θερμοκρασίᾳ
	de energie-efficiëntie voor waterverwarming(onder gemiddelde klimaatsomstandigheden)	Ulkalämmityksen energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	-
	Ulkalämmityksen energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	-
12	Sound power level L _{WA} indoor	der Schalleistungspegel L _{WA} in Gebäuden	le niveau de puissance acoustique L _{WA} à l'intérieur	O livello di potenza sonora L _{WA} all'interno	ἡ ἐξουχία τῆς ἀκουστικῆς ἰσχύος ἐντὸς τοῦ κτιρίου
	het geluidsemissieniveau L _{WA} binnen	Ulkalämmityksen energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	-
	Ulkalämmityksen energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	-
13	Work only during off-peak hours	arbeiten ausschließlich während des Kombiheizsystems zu Schwachlastzeiten	travailler uniquement pendant les heures creuses	funzionare soltanto durante le ore notturne	ἡ ἐξουχία τῆς ἀκουστικῆς ἰσχύος ἐντὸς τοῦ κτιρίου
	Ulkalämmityksen energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	-
	Ulkalämmityksen energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(keksinhalattaisissa ilmast-oolosuhteissa)	-
14	de nominale warmteafgifte, onder koudeere klimaatsomstandigheden	Nominell ausgeben wärmeeffekt bei kalten Klimaverhältnissen	den nominelle termiske effekt under koldeere klimaforhållenden	A potenza califica nominal em condições climáticas mais frias	ἡ ονομαστικὴ θερμικὴ ἰσχύς ὑπὸ ψυχρῶν κλιματικῶν συνθηκῶν
	Imenoiṫy loppny vyklyotz priŋnnyĥ klimaticheskikh podmynok	Imenoiṫy loppny vyklyotz priŋnnyĥ klimaticheskikh podmynok	Imenoiṫy loppny vyklyotz priŋnnyĥ klimaticheskikh podmynok	Imenoiṫy loppny vyklyotz priŋnnyĥ klimaticheskikh podmynok	-
	Imenoiṫy loppny vyklyotz priŋnnyĥ klimaticheskikh podmynok	Imenoiṫy loppny vyklyotz priŋnnyĥ klimaticheskikh podmynok	Imenoiṫy loppny vyklyotz priŋnnyĥ klimaticheskikh podmynok	Imenoiṫy loppny vyklyotz priŋnnyĥ klimaticheskikh podmynok	-
15	de nominale warmteafgifte, onder warme klimaatsomstandigheden	Nominell ausgeben wärmeeffekt bei warmen Klimaverhältnissen	den nominelle termiske effekt under varmeere klimaforhållenden	A potência calórica nominal em condições climáticas mais quentes	ἡ ονομαστικὴ θερμικὴ ἰσχύς ὑπὸ θερμῶν κλιματικῶν συνθηκῶν
	Imenoiṫy loppny vyklyotz priŋnnyĥ klimaticheskikh podmynok	Imenoiṫy loppny vyklyotz priŋnnyĥ klimaticheskikh podmynok	Imenoiṫy loppny vyklyotz priŋnnyĥ klimaticheskikh podmynok	Imenoiṫy loppny vyklyotz priŋnnyĥ klimaticheskikh podmynok	-
	Imenoiṫy loppny vyklyotz priŋnnyĥ klimaticheskikh podmynok	Imenoiṫy loppny vyklyotz priŋnnyĥ klimaticheskikh podmynok	Imenoiṫy loppny vyklyotz priŋnnyĥ klimaticheskikh podmynok	Imenoiṫy loppny vyklyotz priŋnnyĥ klimaticheskikh podmynok	-
16	For space heating, annual energy consumption under colder climate conditions	für die Raumheizung, den jährlichen Energieverbrauch bei kalten 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	παρά σαλентῶν ἑσπεδίων, ἐν ἐποχικῇ θερμότητι
	voor ruimteverwarming, het jaarlijkse energieverbruik onder koudeere klimaatsomstandigheden	For rumsvärmming, årlig energiförbrukning under kalare klimatförhållanden	for rumvarmning, årlig energiförbrukning under koldeere klimaforhållenden	Para o aquecimento ambiente, o consumo anual de energia em condições climáticas mais frias	ὑπὸ θερμότητι τοῦ ἔτους
	Ulkalämmityksessä vuotuisen energiatuloksuksen(linast-oolosuhteissa)	pro vyklyotz – roĥn sporobda energie za tsepishch klimaticheskikh podmynok	za opotomene, godiṫnogo potrobeniye na energiyu(pri po-studenii klimaticheskii usloviy)	per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde e più calde	ὑπὸ θερμότητι τοῦ ἔτους
	Ulkalämmityksessä vuotuisen energiatuloksuksen(linast-oolosuhteissa)	pro vyklyotz – roĥn sporobda energie za tsepishch klimaticheskikh podmynok	za opotomene, godiṫnogo potrobeniye na energiyu(pri po-studenii klimaticheskii usloviy)	per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde e più calde	ὑπὸ θερμότητι τοῦ ἔτους
17	For space heating, annual energy consumption under warmer climate conditions	für die Raumheizung, den jährliche Energieverbrauch bei warmen 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	παρά σαλентῶν ἑσπεδίων, ἐν ἐποχικῇ θερμότητι
	voor ruimteverwarming, het jaarlijkse energieverbruik onder warmere klimaatsomstandigheden	For rumsvärmming, årlig energiförbrukning under varmare klimatförhållanden	for vandopvarmning, årlig elforbrug under varmere klimaforhållenden	para o aquecimento de água, o consumo anual de electricidade em condições climáticas mais frias	ὑπὸ θερμότητι τοῦ ἔτους
	Ulkalämmityksessä vuotuisen energiatuloksuksen(linast-oolosuhteissa)	pro vyklyotz – roĥn sporobda energie za tsepishch klimaticheskikh podmynok	za opotomene, godiṫnogo potrobeniye na energiyu(pri po-studenii klimaticheskii usloviy)	per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde e più calde	ὑπὸ θερμότητι τοῦ ἔτους
	Ulkalämmityksessä vuotuisen energiatuloksuksen(linast-oolosuhteissa)	pro vyklyotz – roĥn sporobda energie za tsepishch klimaticheskikh podmynok	za opotomene, godiṫnogo potrobeniye na energiyu(pri po-studenii klimaticheskii usloviy)	per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde e più calde	ὑπὸ θερμότητι τοῦ ἔτους
18	voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder koudeere klimaatsomstandigheden	For vattenuppvärmning, årlig elförbrukning under kalare klimatförhållanden	for vandopvarmning, årlig elforbrug under koldeere klimaforhållenden	para o aquecimento de água, o consumo anual de electricidade em condições climáticas mais frias	ὑπὸ θερμότητι τοῦ ἔτους
	Ulkalämmityksessä vuotuisen sähkökulut(keksinhalattaisissa ilmast-oolosuhteissa)	pro vyklyotz – roĥn sporobda elektrické energie za chladného klimaticheskikh podmynok	za podgrzewanie na woda, godiṫnogo potrobeniye na elektroenergiyu(pri po-studenii klimaticheskii usloviy)	per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde e più calde	ὑπὸ θερμότητι τοῦ ἔτους
	Ulkalämmityksessä vuotuisen sähkökulut(keksinhalattaisissa ilmast-oolosuhteissa)	pro vyklyotz – roĥn sporobda elektrické energie za chladného klimaticheskikh podmynok	za podgrzewanie na woda, godiṫnogo potrobeniye na elektroenergiyu(pri po-studenii klimaticheskii usloviy)	per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde e più calde	ὑπὸ θερμότητι τοῦ ἔτους
	Ulkalämmityksessä vuotuisen sähkökulut(keksinhalattaisissa ilmast-oolosuhteissa)	pro vyklyotz – roĥn sporobda elektrické energie za chladného klimaticheskikh podmynok	za podgrzewanie na woda, godiṫnogo potrobeniye na elektroenergiyu(pri po-studenii klimaticheskii usloviy)	per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde e più calde	ὑπὸ θερμότητι τοῦ ἔτους
19	voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder warmere klimaatsomstandigheden	For vattenuppvärmning, årlig elförbrukning under varmare klimatförhållanden	for vandopvarmning, årlig elforbrug under varmere klimaforhållenden	para o aquecimento de água, o consumo anual de electricidade em condições climáticas mais quentes	ὑπὸ θερμότητι τοῦ ἔτους
	Ulkalämmityksessä vuotuisen sähkökulut(keksinhalattaisissa ilmast-oolosuhteissa)	pro vyklyotz – roĥn sporobda elektrické energie za chladného klimaticheskikh podmynok	za podgrzewanie na woda, godiṫnogo potrobeniye na elektroenergiyu(pri po-studenii klimaticheskii usloviy)	per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde e più calde	ὑπὸ θερμότητι τοῦ ἔτους
	Ulkalämmityksessä vuotuisen sähkökulut(keksinhalattaisissa ilmast-oolosuhteissa)	pro vyklyotz – roĥn sporobda elektrické energie za chladného klimaticheskikh podmynok	za podgrzewanie na woda, godiṫnogo potrobeniye na elektroenergiyu(pri po-studenii klimaticheskii usloviy)	per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde e più calde	ὑπὸ θερμότητι τοῦ ἔτους
	Ulkalämmityksessä vuotuisen sähkökulut(keksinhalattaisissa ilmast-oolosuhteissa)	pro vyklyotz – roĥn sporobda elektrické energie za chladného klimaticheskikh podmynok	za podgrzewanie na woda, godiṫnogo potrobeniye na elektroenergiyu(pri po-studenii klimaticheskii usloviy)	per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde e più calde	ὑπὸ θερμότητι τοῦ ἔτους
20	Seasonal space heating energy efficiency under colder climate conditions	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei kalten Klimaverhältnissen	l'efficacité énergétique saisonnière pour le chauffage des locaux, dans les conditions climatiques plus froides	l'efficienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più fredde	ἡ ἐνεργειακὴ ἐπιδοτικὴ ἐξουχία ἐν μεσολαβήσῃ θερμοκρασίᾳ
	de seizoensofgebonden energie-efficiëntie voor ruimteverwarming onder koudeere klimaatsomstandigheden	Säsongselebindade energiefektivitetsklass vid rumsvärmming under kalare klimatförhållanden	årstidsklingegraden ved rumvarmning under koldeere klimaforhållenden	A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais frias	ἡ ἐνεργειακὴ ἐπιδοτικὴ ἐξουχία ἐν μεσολαβήσῃ θερμοκρασίᾳ
	Ulkalämmityksen kasvatusten energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen kasvatusten energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen kasvatusten energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen kasvatusten energiatehokkuus(kylmissä ilmast-oolosuhteissa)	-
	Ulkalämmityksen kasvatusten energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen kasvatusten energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen kasvatusten energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen kasvatusten energiatehokkuus(kylmissä ilmast-oolosuhteissa)	-
21	Seasonal space heating energy efficiency under warmer climate conditions	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei warmen Klimaverhältnissen	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	ἡ ἐνεργειακὴ ἐπιδοτικὴ ἐξουχία ἐν μεσολαβήσῃ θερμοκρασίᾳ
	de seizoensofgebonden energie-efficiëntie voor ruimteverwarming onder warmere klimaatsomstandigheden	Säsongselebindade energiefektivitetsklass vid rumsvärmming under varmare klimatförhållanden	årstidsklingegraden ved rumvarmning under varmere klimaforhållenden	A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais quentes	ἡ ἐνεργειακὴ ἐπιδοτικὴ ἐξουχία ἐν μεσολαβήσῃ θερμοκρασίᾳ
	Ulkalämmityksen kasvatusten energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen kasvatusten energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen kasvatusten energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen kasvatusten energiatehokkuus(kylmissä ilmast-oolosuhteissa)	-
	Ulkalämmityksen kasvatusten energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen kasvatusten energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen kasvatusten energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen kasvatusten energiatehokkuus(kylmissä ilmast-oolosuhteissa)	-
22	de energie-efficiëntie voor waterverwarming onder koudeere klimaatsomstandigheden	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	-
	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	-
	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	-
23	de energie-efficiëntie voor waterverwarming onder warmere klimaatsomstandigheden	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	-
	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	-
	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	-
	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	-
24	Sound power level L _{WA} outdoor	der Schalleistungspegel L _{WA} im Freien	le niveau de puissance acoustique L _{WA} à l'extérieur	O nível de potência sonora L _{WA} all'esterno	ἡ ἐξουχία τῆς ἀκουστικῆς ἰσχύος ἐντὸς τοῦ κτιρίου
	het geluidsemissieniveau L _{WA} buiten	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	-
	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	-
	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	Ulkalämmityksen energiatehokkuus(kylmissä ilmast-oolosuhteissa)	-

Model(s):	Outdoor unit:	PUD-SHWM100YAA
	Indoor unit:	EHST30D-****
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 shall be declared for	medium-temperature application.	
Parameters shall be declared for	average climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	10.0	kW	Seasonal space heating energy efficiency	ηs	135	%
Declared capacity for heating for part load at indoor ☐ temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	8.9	kW	Tj = - 7 °C	COPd	2.18	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	5.4	kW	Tj = + 2 °C	COPd	3.29	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	5.2	kW	Tj = + 7 °C	COPd	4.81	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	7.06	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	10.0	kW	Tj = bivalent temperature	COPd	1.91	-
Tj = operation limit temperature	Pdh	7.7	kW	Tj = operation limit temperature	COPd	1.57	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-10	°C	Operation limit temperature	TOL	-28	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input	Electrical		
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	2640	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41/59	dBA				
Annual energy consumption	Q _{HE}	5836	kWh				

For heat pump combination heater:							
Declared load profile	XL			Water heating energy efficiency	ηwh	121	%
Daily electricity consumption	Qelec	6.500	kW/h				
Annual electricity consumption	AEC	1431	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:	PUD-SHWM100YAA
	Indoor unit:	EHST30D-****
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 shall be declared for	low-temperature application.	
Parameters shall be declared for	average climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	10.0	kW	Seasonal space heating energy efficiency	ηs	178	%
Declared capacity for heating for part load at indoor ☐ temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	8.9	kW	Tj = - 7 °C	COPd	3.16	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	5.7	kW	Tj = + 2 °C	COPd	4.52	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	5.4	kW	Tj = + 7 °C	COPd	5.63	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	4.5	kW	Tj = +12 °C	COPd	7.89	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	10.0	kW	Tj = bivalent temperature	COPd	2.92	-
Tj = operation limit temperature	Pdh	7.7	kW	Tj = operation limit temperature	COPd	1.57	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-10	°C	Operation limit temperature	TOL	-28	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input	Electrical		
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	2640	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41/59	dBA				
Annual energy consumption	Q _{HE}	4430	kWh				

For heat pump combination heater:							
Declared load profile	XL			Water heating energy efficiency	ηwh	121	%
Daily electricity consumption	Qelec	6.500	kW/h				
Annual electricity consumption	AEC	1431	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:	PUD-SHWM100YAA
	Indoor unit:	EHST30D-****
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 shall be declared for	medium-temperature application.	
Parameters shall be declared for	colder climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	10.0	kW	Seasonal space heating energy efficiency	ηs	114	%
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}	6.1	kW	T _j = - 7 °C	COP _d	2.60	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = + 2 °C	P _{dh}	3.7	kW	T _j = + 2 °C	COP _d	3.19	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = + 7 °C	P _{dh}	3.8	kW	T _j = + 7 °C	COP _d	4.58	-
Degradation co-efficient (**)	C _{dh}	0.97	-				
T _j = +12 °C	P _{dh}	4.4	kW	T _j = +12 °C	COP _d	6.88	-
Degradation co-efficient (**)	C _{dh}	0.96	-				
T _j = bivalent temperature	P _{dh}	8.4	kW	T _j = bivalent temperature	COP _d	1.56	-
T _j = operation limit temperature	P _{dh}	7.7	kW	T _j = operation limit temperature	COP _d	1.57	-
T _j = – 15 °C (if TOL < – 20 °C)	P _{dh}	8.5	kW	T _j = – 15 °C (if TOL < – 20 °C)	COP _d	1.56	-
Bivalent temperature	T _{biv}	-16	°C	Operation limit temperature	TOL	-28	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	2.0	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input	Electrical		
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	2640	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41/59	dBA				
Annual energy consumption	Q _{HE}	7924	kWh				

For heat pump combination heater:							
Declared load profile	XL			Water heating energy efficiency	η _{wh}	145	%
Daily electricity consumption	Q _{elec}	5.500	kW/h				
Annual electricity consumption	AEC	1203	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:	PUD-SHWM100YAA
	Indoor unit:	EHST30D-****
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 shall be declared for	low-temperature application.	
Parameters shall be declared for	colder climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	10.0	kW	Seasonal space heating energy efficiency	ηs	148	%
Declared capacity for heating for part load at indoor ☐ temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.2	kW	Tj = - 7 °C	COPd	3.71	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 2 °C	COPd	4.02	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	5.34	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	4.5	kW	Tj = +12 °C	COPd	7.50	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	8.4	kW	Tj = bivalent temperature	COPd	2.15	-
Tj = operation limit temperature	Pdh	7.7	kW	Tj = operation limit temperature	COPd	1.57	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	8.5	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	2.20	-
Bivalent temperature	Tbiv	-16	°C	Operation limit temperature	TOL	-28	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	2.0	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input	Electrical		
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	2640	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41/59	dBA				
Annual energy consumption	Q _{HE}	6106	kWh				

For heat pump combination heater:							
Declared load profile	XL			Water heating energy efficiency	ηwh	145	%
Daily electricity consumption	Qelec	5.500	kW/h				
Annual electricity consumption	AEC	1203	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:	PUD-SHWM100YAA
	Indoor unit:	EHST30D-****
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 shall be declared for	medium-temperature application.	
Parameters shall be declared for	warmer climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	10.0	kW	Seasonal space heating energy efficiency	ηs	161	%
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	10	kW	Tj = + 2 °C	COPd	2.05	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	6.4	kW	Tj = + 7 °C	COPd	3.48	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	4.2	kW	Tj = +12 °C	COPd	5.68	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	1.0	kW	Tj = bivalent temperature	COPd	0.96	-
Tj = operation limit temperature	Pdh	7.7	kW	Tj = operation limit temperature	COPd	1.57	-
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	-28	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	20.0	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW				
Crankcase heater mode	P _{CK}	0.000	kW				
				Type of energy input	Electrical		

Capacity control	variable			Rated air flow rate, outdoors	-	2640	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41/59	dBA				
Annual energy consumption	Q _{HE}	3169	kWh				

For heat pump combination heater:							
Declared load profile	XL			Water heating energy efficiency	ηwh	102	%
Daily electricity consumption	Qelec	7.700	kW/h				
Annual electricity consumption	AEC	1700	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:	PUD-SHWM100YAA
	Indoor unit:	EHST30D-****
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 shall be declared for	low-temperature application.	
Parameters shall be declared for	warmer climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	10.0	kW	Seasonal space heating energy efficiency	ηs	232	%
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}	10	kW	T _j = + 2 °C	COP _d	3.45	-
Degradation co-efficient (**)	C _{dh}	0.99	-				
T _j = + 7 °C	P _{dh}	6.4	kW	T _j = + 7 °C	COP _d	5.42	-
Degradation co-efficient (**)	C _{dh}	0.98	-				
T _j = +12 °C	P _{dh}	4.4	kW	T _j = +12 °C	COP _d	7.46	-
Degradation co-efficient (**)	C _{dh}	0.96	-				
T _j = bivalent temperature	P _{dh}	1.0	kW	T _j = bivalent temperature	COP _d	1.00	-
T _j = operation limit temperature	P _{dh}	7.7	kW	T _j = operation limit temperature	COP _d	1.57	-
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	-28	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	P _{sup}	20.0	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input	Electrical		
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	2640	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41/59	dBA				
Annual energy consumption	Q _{HE}	2191	kWh				

For heat pump combination heater:							
Declared load profile	XL			Water heating energy efficiency	η _{wh}	102	%
Daily electricity consumption	Q _{elec}	7.700	kW/h				
Annual electricity consumption	AEC	1700	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:	PUD-SHWM100YAA
	Indoor unit:	ERST30D-****
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 shall be declared for	medium-temperature application.	
Parameters shall be declared for	average climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	10.0	kW	Seasonal space heating energy efficiency	ηs	135	%
Declared capacity for heating for part load at indoor ☐ temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	8.9	kW	Tj = - 7 °C	COPd	2.18	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	5.4	kW	Tj = + 2 °C	COPd	3.29	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	5.2	kW	Tj = + 7 °C	COPd	4.81	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.6	kW	Tj = +12 °C	COPd	7.06	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	10.0	kW	Tj = bivalent temperature	COPd	1.91	-
Tj = operation limit temperature	Pdh	7.7	kW	Tj = operation limit temperature	COPd	1.57	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-10	°C	Operation limit temperature	TOL	-28	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input	Electrical		
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	2640	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41/59	dBA				
Annual energy consumption	Q _{HE}	5836	kWh				

For heat pump combination heater:							
Declared load profile	XL			Water heating energy efficiency	ηwh	121	%
Daily electricity consumption	Qelec	6.500	kW/h				
Annual electricity consumption	AEC	1431	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:	PUD-SHWM100YAA
	Indoor unit:	ERST30D-****
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 shall be declared for	low-temperature application.	
Parameters shall be declared for	average climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	10.0	kW	Seasonal space heating energy efficiency	ηs	178	%
Declared capacity for heating for part load at indoor ☐ temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	8.9	kW	Tj = - 7 °C	COPd	3.16	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	5.7	kW	Tj = + 2 °C	COPd	4.52	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	5.4	kW	Tj = + 7 °C	COPd	5.63	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	4.5	kW	Tj = +12 °C	COPd	7.89	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	10.0	kW	Tj = bivalent temperature	COPd	2.92	-
Tj = operation limit temperature	Pdh	7.7	kW	Tj = operation limit temperature	COPd	1.57	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-10	°C	Operation limit temperature	TOL	-28	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input	Electrical		
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	2640	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41/59	dBA				
Annual energy consumption	Q _{HE}	4430	kWh				

For heat pump combination heater:							
Declared load profile	XL			Water heating energy efficiency	ηwh	121	%
Daily electricity consumption	Qelec	6.500	kW/h				
Annual electricity consumption	AEC	1431	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:	PUD-SHWM100YAA
	Indoor unit:	ERST30D-****
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 shall be declared for	medium-temperature application.	
Parameters shall be declared for	colder climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	10.0	kW	Seasonal space heating energy efficiency	ηs	114	%
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	6.1	kW	Tj = - 7 °C	COPd	2.60	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.7	kW	Tj = + 2 °C	COPd	3.19	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	4.58	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	4.4	kW	Tj = +12 °C	COPd	6.88	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	8.4	kW	Tj = bivalent temperature	COPd	1.56	-
Tj = operation limit temperature	Pdh	7.7	kW	Tj = operation limit temperature	COPd	1.57	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	8.5	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	1.56	-
Bivalent temperature	Tbiv	-16	°C	Operation limit temperature	TOL	-28	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	2.0	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input	Electrical		
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	2640	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41/59	dBA				
Annual energy consumption	Q _{HE}	7924	kWh				

For heat pump combination heater:							
Declared load profile	XL			Water heating energy efficiency	ηwh	145	%
Daily electricity consumption	Qelec	5.500	kW/h				
Annual electricity consumption	AEC	1203	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:	PUD-SHWM100YAA
	Indoor unit:	ERST30D-****
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 shall be declared for	low-temperature application.	
Parameters shall be declared for	colder climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	10.0	kW	Seasonal space heating energy efficiency	ηs	148	%
Declared capacity for heating for part load at indoor ☐ temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.2	kW	Tj = - 7 °C	COPd	3.71	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	3.9	kW	Tj = + 2 °C	COPd	4.02	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	5.34	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	4.5	kW	Tj = +12 °C	COPd	7.50	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	8.4	kW	Tj = bivalent temperature	COPd	2.15	-
Tj = operation limit temperature	Pdh	7.7	kW	Tj = operation limit temperature	COPd	1.57	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	8.5	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	2.20	-
Bivalent temperature	Tbiv	-16	°C	Operation limit temperature	TOL	-28	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	2.0	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW				
Crankcase heater mode	P _{CK}	0.000	kW				
				Type of energy input	Electrical		

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	2640	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41/59	dBA				
Annual energy consumption	Q _{HE}	6106	kWh				

For heat pump combination heater:							
Declared load profile	XL			Water heating energy efficiency	ηwh	145	%
Daily electricity consumption	Qelec	5.500	kW/h				
Annual electricity consumption	AEC	1203	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:	PUD-SHWM100YAA
	Indoor unit:	ERST30D-****
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 shall be declared for	medium-temperature application.	
Parameters shall be declared for	warmer climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	10.0	kW	Seasonal space heating energy efficiency	ηs	161	%
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	10	kW	Tj = + 2 °C	COPd	2.05	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	6.4	kW	Tj = + 7 °C	COPd	3.48	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	4.2	kW	Tj = +12 °C	COPd	5.68	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	1.0	kW	Tj = bivalent temperature	COPd	0.96	-
Tj = operation limit temperature	Pdh	7.7	kW	Tj = operation limit temperature	COPd	1.57	-
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	-28	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	20.0	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input	Electrical		
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	2640	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41/59	dBA				
Annual energy consumption	Q _{HE}	3169	kWh				

For heat pump combination heater:							
Declared load profile	XL			Water heating energy efficiency	ηwh	102	%
Daily electricity consumption	Qelec	7.700	kW/h				
Annual electricity consumption	AEC	1700	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:	PUD-SHWM100YAA
	Indoor unit:	ERST30D-****
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 shall be declared for	low-temperature application.	
Parameters shall be declared for	warmer climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	10.0	kW	Seasonal space heating energy efficiency	ηs	232	%
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	10	kW	Tj = + 2 °C	COPd	3.45	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	6.4	kW	Tj = + 7 °C	COPd	5.42	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	4.4	kW	Tj = +12 °C	COPd	7.46	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	1.0	kW	Tj = bivalent temperature	COPd	1.00	-
Tj = operation limit temperature	Pdh	7.7	kW	Tj = operation limit temperature	COPd	1.57	-
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	-28	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	20.0	kW
Thermostat-off mode	P _{TO}	0.022	kW				
Standby mode	P _{SB}	0.022	kW	Type of energy input	Electrical		
Crankcase heater mode	P _{CK}	0.000	kW				

Other items							
Capacity control	variable			Rated air flow rate, outdoors	-	2640	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41/59	dBA				
Annual energy consumption	Q _{HE}	2191	kWh				

For heat pump combination heater:							
Declared load profile	XL			Water heating energy efficiency	ηwh	102	%
Daily electricity consumption	Qelec	7.700	kW/h				
Annual electricity consumption	AEC	1700	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.