



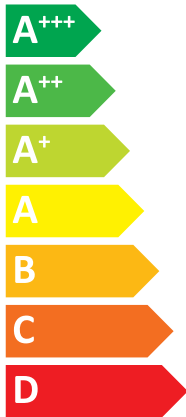
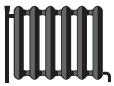
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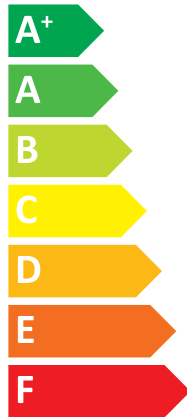


Indoor unit
Outdoor unit

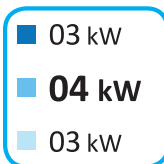
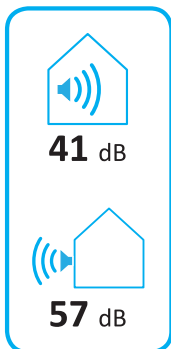
E*ST30D-****D
SUZ-SWM30VA



A++



A+



1. SPACE HEATER			For medium-temperature application														For low-temperature application													
1	2	3	6	8	11	9	13	15	16	21	22	17	18	25	4	6	8	11	9	13	15	16	21	22	17	18	25			
Outdoor unit	Indoor unit	Medium-temperature application	Seasonal space heating energy efficiency class	Rated heat output under average climate conditions	Seasonal space 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 energy consumption under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual energy consumption under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual energy consumption under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual energy consumption under average climate conditions	Low-temperature application	Seasonal space heating energy efficiency class	Rated heat output under average climate conditions	Seasonal space 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 energy consumption under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual energy consumption under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual energy consumption under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual energy consumption under average climate conditions			
			A++	kW	A++	kW	kWh	kWh	kWh	kWh	%	kWh	kWh	kWh		A+++	kW	A+++	kW	kWh	kWh	%	kWh	kWh	kWh	kWh	kWh			
SUZ-SWM30VA	EHSD**** ERSD****	✓	A++	4	130	2230	41	3	3	112	168	2916	937	57	✓	A+++	4	191	1706	41	3	3	149	235	2077	675	57			
SUZ-SHW30VAH	EHSD**** ERSD****	✓	A+	4	124	2347	41	4	3	104	167	3307	940	57	✓	A+++	4	180	1802	41	4	3	138	237	2521	668	57			
SUZ-SWM40VA2(SC)	EHSD**** ERSD****	✓	A++	5	133	2735	41	4	4	114	175	3722	1204	57	✓	A+++	5	196	1954	41	4	4	151	246	2815	858	57			
SUZ-SHW40VAH(SC)	EHSD**** ERSD****	✓	A+	5	124	2994	41	5	4	102	161	4711	1305	58	✓	A+++	5	172	2366	41	5	4	145	242	3328	872	58			
SUZ-SWM60VA2(SC)	EHSD**** ERSD****	✓	A++	6	134	3615	41	5	6	106	170	4534	1854	60	✓	A+++	6	185	2681	41	5	6	155	257	3121	1231	60			
SUZ-SHW60VAH(SC)	EHSD**** ERSD****	✓	A++	6	126	3850	41	6	6	100	167	5265	1884	60	✓	A+++	6	175	2838	41	6	6	147	230	3616	1378	60			
SUZ-SWM80VA2	EHSD**** ERSD****	✓	A++	7	135	4262	41	6	8	105	171	5032	2305	60	✓	A+++	7	183	2929	41	6	8	146	234	3830	1693	60			
SUZ-SWM80VAH2	EHSD**** ERSD****	✓	A++	7	128	4401	41	6	8	99	170	5311	2311	60	✓	A+++	7	175	3070	41	6	8	136	233	4101	1699	60			
SUZ-SWM100VA	EHSD**** ERSD****	✓	A++	8	134	4512	41	6	9	105	179	5021	2491	62	✓	A+++	8	182	3492	41	7	9	145	237	4451	2005	62			
SUZ-SWM100VAH	EHSD**** ERSD****	✓	A++	8	127	4758	41	6	9	100	175	5273	2559	62	✓	A+++	8	174	3640	41	7	9	137	230	4704	2063	62			
		✓	A++	8	129	4703	41	6	9	100	179	5240	2493	62	✓	A+++	8	177	3585	41	7	9	138	238	4671	1997	62			

2. COMBINATION HEATER			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	25	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25		
Outdoor unit	Indoor unit	Medium-temperature application	Declared load profile	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 energy consumption under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual energy consumption under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual energy consumption under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual energy consumption under average climate conditions	Low-temperature application	Declared load profile	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 energy consumption under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual energy consumption under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual energy consumption under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual energy consumption under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual energy consumption under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual energy consumption under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual energy consumption under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual energy consumption under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual energy consumption under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual energy consumption under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual energy consumption under average climate conditions						
			L	A++	A+	kW	kWh	kWh	kWh	kWh	%	kWh	kWh	kWh		L	A+++	A+	kW	kWh	kWh	%	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	%	kWh	kWh	kWh	kWh	kWh	kWh	%	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh	kWh
SUZ-SWM30VA	EHST17D****	✓	L	A++	A+	4	2230	776	130	147	41	-	3	3	2916	937	886	709	112	168	121	169	57	✓	L	A+++	A+	4	1706	776	191	147	41	-	3	3	2077	675	886	709	149	235	121	169	57		
	ERST17D****	✓	L	A++	A+	4	2193	776	133	147	41	-	3	3	2894	893	886	709	113	177	121	169	57	✓	L	A+++	A+	4	1670	776	195	147	41	-	3	3	2055	630	886	709	151	251	121	169	57		
	EHST20D****	✓	L	A++	A+	4	2230	821	130	147	41	-	3	3	2916	937	883	714	112	168	127	173	57	✓	L	A+++	A+	4	1706	821	191	147	41	-	3	3	2077	675	883	714	149	235	127	173	57		
	ERST20D****	✓	L	A++	A+	4	2193	821	133	147	41	-	3	3	2894	893	883	714	113	177	127	173	57	✓	L	A+++	A+	4	1670	821	195	147	41	-	3	3	2055	630	883	714	151	251	127	173	57		
	EHST30D****	✓	XL	A++	A+	4	2230	1356	130	127	41	-	3	3	2916	937	1574	1129	114	168	109	153	57	✓	XL	A+++	A+	4	1706	1356	191	127	41	-	3	3	2077	675	1574	1129	149	235	109	153	57		
SUZ-SHW30VAH	ERST30D****	✓	XL	A++	A+	4	2193	1356	133	127	41	-	3	3	2894	893	1574	1129	113	177	109	153	57	✓	XL	A+++	A+	4	1670	1356	195	127	41	-	3	3	2055	630	1574	1129	151	251	109	153	57		
	EHST17D****	✓	L	A++	A+	4	2347	776	124	147	41	-	4	3	3307	940	886	709	104	167	121	169	57	✓	L	A+++	A+	4	1802	776	180	147	41	-	4	3	2521	668	886	709	138	237	121	169	57		
	ERST17D****	✓	L	A++	A+	4	2311	776	126	147	41	-	4	3	3285	896	886	709	105	176	121	169	57	✓	L	A+++	A+	4	1766	776	184	147	41	-	4	3	2499	624	886	709	139	254	121	169	57		
	ERST17D****	✓	L	A++	A+	4	2311	776	126	147	41	-	4	3	3285	896	886	709	105	176	121	169	57	✓	L	A+++	A+	4	1766	776	184	147	41	-	4	3	2499	624	886	709	139	254	121	169	57		
	EHST20D****	✓	L	A++	A+	4	2347	821	124	147	41	-	4	3	3307	940	883	714	104	167	127	173	57	✓	L	A+++	A+	4	1802	821	180	147	41	-	4	3	2521	668	883	714	138	237	127	173	57		
SUZ-SWM40VA2(SC)	ERST20D****	✓	L	A++	A+	4	2311	821	126	147	41	-	4	3	3285	896	883	714	105	176	127	173	57	✓	L	A+++	A+	4	1766	821	184	147	41	-	4	3	2499	624	883	714	139	254	127	173	57		
	EHST30D****	✓	XL	A++	A+	4	2347	1356	124	127	41	-	4	3	3307	940	1574	1129	104	167	109	153	57	✓	XL	A+++	A+	4	1802	1356	180	127	41	-	4	3	2521	668	1574	1129	138	237	109	153	57		
	ERST30D****	✓	XL	A++	A+	4	2311	1356	126	127	41	-	4	3	3285	896	1574	1129	105	176	109	153	57	✓	XL	A+++	A+	4	1766	1356	184	127	41	-	4	3	2499	624	1574	1129	139	254	109	153	57		
	EHST17D****	✓	L	A++	A+	5	2735	776	133	147	41	-	4	4	3722	1204	886	709	114	175	121	169	57	✓	L	A+++	A+	5	1954	776	196	147	41	-	4	4	2815	858	886	709	151	246	121	169	57		
	ERST17D****	✓	L	A++	A+	5	2699	776	135	147	41	-	4	4	3699	1159	886	709	114	181	121	169	57	✓	L	A+++	A+	5	1918	776	200	147	41	-	4	4	2793	814	886	709	152	260	121	169	57		
SUZ-SHW40VAH(SC)	ERST17D****	✓	L	A++	A+	5	2699	776	135	147	41	-	4	4	3699	1159	886	709	114	181	121	169	57	✓	L	A+++	A+	5	1918	776	200	147	41	-	4	4	2793	814	886	709	152	260	121	169	57		
	EHST20D****	✓	L	A++	A+	5	2735	821	133	147	41	-	4	4	3722	1204	883	714	114	175	127	173	57	✓	L	A+++	A+	5	1954	821	196	147	41	-	4	4	2815	858	883	714	151	246	127	173	57		
	ERST20D****	✓	L	A++	A+	5	2699	821	135	147	41	-	4	4	3699	1159	883	714	114	181	127	173	57	✓	L	A+++	A+	5	1918	821	200	147	41	-	4	4	2793	814	883	714	152	260	127	173	57		
	EHST30D****	✓	XL	A++	A+	5	2735	1356	133	127	41	-	4	4	3722	1204	1574	1129	114	175	109	153																									

	English Nederlands suomi	Deutsch Svenska Čeština	Français Dansk Български	Italiano Português Polski	Español Ελληνικά -
1	Outdoor unit buitenunit Ulkoyksikkö	Außengerät Utomhusenhet Venkovní jednotka	unité extérieure Udendørs enhed Външно тяло	unità esterna unidade exterior jednostka zewnętrzna	unidad exterior Εξωτερική μονάδα -
2	Indoor unit binnenunit Sisäyksikkö	Innengerät Inomhusenhet Vnitřní jednotka	unité intérieure Indendørs enhed Вътрешно тяло	unità interna unidade interior jednostka wewnątrzna	unidad interior Εσωτερική μονάδα -
3	Medium-temperature application middentemperatuur-toepassing keskilämpötilan sovellus	Mitteltemperaturanwendung mediumentemperatuurapplikation středněteplotní aplikace	l'application à moyenne température middeltemperatuuravvendelsen среднотемпературното приложение	le applicazioni a media temperatura a aplicação a média temperatura zastosowania w średnich temperaturach	la aplicación de media temperatura η εφαρμογή σε μέση θερμοκρασία -
4	Low-temperature application lagetemperatuur-toepassing matalanlämpötilan sovellus	Niedertemperaturanwendung lågtemperaturapplikation nízkoteplotní aplikace	l'application à basse température lavtemperaturavvendelsen нискотемпературни приложения	le applicazioni a bassa temperatura a aplicação a baixa temperatura zastosowania w niskich temperaturach	la aplicación de baja temperatura η εφαρμογή σε χαμηλή θερμοκρασία -
5	Declared load profile Opgegeven capaciteitsprofiel Ilmoitettu kuormitusprofiili	Angegebenes Lastprofil Deklarerad belastningsprofil Deklarovaný zátěžový profil	Profil de soutirage déclaré Angivet forbrugsprofil Объявлен товароv профиль	Profilo di carico dichiarato Perfil de carga declarado Deklarowany profil obciążenia	Perfil de carga declarado Δηλωμένο προφίλ φορτίου -
6	Seasonal space heating energy efficiency class de seizoensgebonden energie-efficiëntieklasse voor ruimteverwarming tilalämmityksen kausittainen energiatehokkuusluokka	die Klasse für die jahreszeitbedingte Raumheizungs-Energieeffizienz säsongrelaterade energieeffektivitetsklass vid rumsuppvärmning třída sezonní energetické účinnosti vytápění	la classe d'efficacité énergétique saisonnière, pour le chauffage des locaux klassen for årsvirkningsgrad ved rumopvarmning класът на сезонната отоплителна енергийна ефективност	la classe di efficienza energetica stagionale del riscaldamento d'ambiente A classe de eficiência energética do aquecimento ambiente sazonal A klasa sezonowej efektywności energetycznej ogrzewania pomieszczeń	la clase de eficiencia energética estacional de calefacción η τάξη ενεργειακής απόδοσης της εποχιακής θέρμανσης χώρου -
7	Water heating energy efficiency class de energie-efficiëntieklasse voor waterverwarming vedenlämmityksen energiatehokkuusluokka	die Klasse für die Warmwasserbereitungs-Energieeffizienz energieeffektivitetsklass vid vattenuppvärmning třída energetické účinnosti ohřevu vody	la classe d'efficacité énergétique, pour le chauffage de l'eau klassen for årsvirkningsgrad ved vandopvarmning класът на енергийната ефективност при подгряване на вода	la classe di efficienza energetica del riscaldamento dell'acqua A classe de eficiência energética do aquecimento de água Klasa efektywności energetycznej podgrzewania wody	la clase de eficiencia energética del caldeo de agua η τάξη ενεργειακής απόδοσης θέρμανσης νερού -
8	Rated heat output under average climate conditions de nominale warmteafgifte(onder gemiddelde klimaatomstandigheden) nimellislämpöteho(keskimääräisissä ilmasto-olosuhteissa)	die Wärmenennleistung bei durchschnittlichen Klimaverhältnissen Den nominella avgivna värmeeffekten(under genomsnittliga klimatförhållanden) jmenovitý tepelný výkon(za průměrných klimatických podmínek)	la puissance thermique nominale dans les conditions climatiques moyennes den nominelle nytteeffekt(under gennemsnitlige klimaforhold) номиналната топлинна мощност(при средни климатични условия)	la potenza termica nominale(in condizioni climatiche medie) A potência calorífica nominal(em condições climáticas médias) znamionowa moc cieplna(w warunkach klimatu umiarkowanego)	la potencia calorífica nominal(en condiciones climáticas medias) η ονομαστική θερμική ισχύς(υπό μέσες κλιματικές συνθήκες) -
9	For space heating, annual energy consumption under average climate conditions voor ruimteverwarming, het jaarlijkse energieverbruik(onder gemiddelde klimaatomstandigheden) tilalämmityksestä vuotuinen energiankulutus(keskimääräisissä ilmasto-olosuhteissa)	für die Raumheizung, den jährlichen Energieverbrauch bei durchschnittlichen Klimaverhältnissen För rumsuppvärmning, årlig energiförbrukning(vid genomsnittliga klimatförhållanden) pro vytápění – roční spotřeba energie za průměrných klimatických podmínek	pour le chauffage des locaux, la consommation annuelle d'énergie(dans les conditions climatiques moyennes) for rumopvarmning det årlige energiforbrug(under gennemsnitlige klimaforhold) за отопление, годишното потребление на енергия(при средни климатични условия)	per il riscaldamento d'ambiente, il consumo annuo di energia(in condizioni climatiche medie) Para o aquecimento ambiente, o consumo anual de energia(em condições climáticas médias) w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii(w warunkach klimatu umiarkowanego)	para calentar espacios, el consumo anual de energía(en condiciones climáticas medias) για τη θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας(υπό μέσες κλιματικές συνθήκες) -
10	For water heating, annual electricity consumption under average climate conditions voor waterverwarming, het jaarlijkse elektriciteitsverbruik(onder gemiddelde klimaatomstandigheden) vedenlämmityksestä vuotuinen sähkönkulutus(keskimääräisissä ilmasto-olosuhteissa)	für die Warmwasserbereitung, den jährlichen Stromverbrauch bei durchschnittlichen Klimaverhältnissen För vattenuppvärmning, årlig elförbrukning(vid genomsnittliga klimatförhållanden) pro ohřev vody – roční spotřeba elektrické energie za průměrných klimatických podmínek	pour le chauffage de l'eau, la consommation annuelle d'électricité(dans les conditions climatiques moyennes) for vandopvarmning det årlige elforbrug(under gennemsnitlige klimaforhold) за подгряване на вода, годишното потребление(при средни климатични условия)	per il riscaldamento dell'acqua, il consumo annuo di energia(in condizioni climatiche medie) para o aquecimento de água, o consumo anual de eletricidade(em condições climáticas médias) w odniesieniu do podgrzewania wody, roczne zużycie energii elektrycznej(w warunkach klimatu umiarkowanego)	para calentar agua, el consumo anual de electricidad(en condiciones climáticas medias) για την θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας(υπό μέσες κλιματικές συνθήκες) -
11	Seasonal space heating energy efficiency under average climate conditions de seizoensgebonden energie-efficiëntie voor ruimteverwarming(onder gemiddelde klimaatomstandigheden) tilalämmityksen kausittainen energiatehokkuus(keskimääräisissä ilmasto-olosuhteissa)	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen Säsongmedelverkningsgrad för rumsuppvärmning(vid genomsnittliga klimatförhållanden) sezonní energetická účinnost vytápění za průměrných klimatických podmínek	l'efficacité énergétique saisonnière pour le chauffage des locaux(dans les conditions climatiques moyennes) årsvirkningsgraden ved rumopvarmning(under gennemsnitlige klimaforhold) сезонната енергийна ефективност при отопление(при средни климатични условия)	l'efficienza energetica stagionale di riscaldamento d'ambiente(in condizioni climatiche medie) A eficiência energética do aquecimento ambiente sazonal(em condições climáticas médias) sezonowa efektywność energetyczna ogrzewania pomieszczeń(w warunkach klimatu umiarkowanego)	la eficiencia energética estacional de calefacción(en condiciones climáticas medias) η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου(υπό μέσες κλιματικές συνθήκες) -
12	Water heating energy efficiency under average climate conditions de energie-efficiëntie voor waterverwarming(onder gemiddelde klimaatomstandigheden) vedenlämmityksen energiatehokkuus(keskimääräisissä ilmasto-olosuhteissa)	die Warmwasserbereitungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen Energieeffektivität vid vattenuppvärmning(vid genomsnittliga klimatförhållanden) energetická účinnost ohřevu vody za průměrných klimatických podmínek	l'efficacité énergétique pour le chauffage de l'eau(dans les conditions climatiques moyennes) energieeffektivitet ved vandopvarmning(under gennemsnitlige klimaforhold) енергийната ефективност при подгряване на вода(при средни климатични условия)	l'efficienza energetica di riscaldamento dell'acqua(in condizioni climatiche medie) a eficiencia energética do aquecimento de água(em condições climáticas médias) efektywność energetyczna podgrzewania wody(w warunkach klimatu umiarkowanego)	la eficiencia energética del caldeo de agua(en condiciones climáticas medias) η ενεργειακή απόδοση θέρμανσης νερού(υπό μέσες κλιματικές συνθήκες) -
13	Sound power level L _{WA} indoor het geluidsvermogensniveau L _{WA} binnen äänitehotaso L _{WA} sisällä	der Schalleistungspegel L _{WA} in Gebäuden Ljudeffektivnivå L _{WA} i inomhus hladina akustického výkonu L _{WA} ve vnitřním prostoru	le niveau de puissance acoustique L _{WA} à l'intérieur lydeeffektiveauet L _{WA} i inde ниводо на звуковата мощност L _{WA} на закрито	il livello di potenza sonora L _{WA} all'interno O nível de potência sonora L _{WA} no interior poziom mocy akustycznej L _{WA} w pomieszczeniu	el nivel de potencia acústica L _{WA} en interiores η στάθμη ηχητικής ισχύος L _{WA} εσωτερικού χώρου -
14	Work only during off-peak hours werken uitsluitend in de daluren toimimaan ainoastaan kulutusluppujen ulkopuolella	dass ein ausschließlicher Betrieb des Kombiheizgerätes zu Schwachlastzeiten drivas uteslutande under perioder med låg belastning provouz pouze mimo špičku	fonctionner qu'en heures creuses fungere uden for spidsbelastningsperioder работи само в часовете извън върховото натоварване	funzionare soltanto durante le ore morte de funcionar unicamente fora das horas de pico pracować jedynie w godzinach poza szczytowym obciążeniem	funcionar solamente durante las horas de baja demanda λειτουργία μόνο εκτός των ωρών αιχμής -
15	Rated heat output under colder climate conditions de nominale warmteafgifte, onder koudere klimaatomstandigheden nimellislämpöteho, kylmissä ilmasto-olosuhteissa	die Wärmenennleistung bei kälteren Klimaverhältnissen Nominell avgiven värmeeffekt vid kallare klimatförhållanden jmenovitý tepelný výkon za chladnějších klimatických podmínek	la puissance thermique nominale, dans les conditions climatiques plus froides den nominelle nytteeffekt under koldere klimaforhold номиналната топлинна мощност при по-студени климатични условия	A potencia calorífica nominal em condições climáticas mais frias Znamionowa moc cieplna w warunkach klimatu chłodnego	la potencia calorífica nominal en condiciones climáticas más frías η ονομαστική θερμική ισχύς υπό ψυχρότερες κλιματικές συνθήκες -
16	Rated heat output under warmer climate conditions de nominale warmteafgifte, onder warmere klimaatomstandigheden nimellislämpöteho, lämpimissä ilmasto-olosuhteissa	die Wärmenennleistung bei wärmeren Klimaverhältnissen Nominell avgiven värmeeffekt vid varmare klimatförhållanden jmenovitý tepelný výkon za teplejších klimatických podmínek	la puissance thermique nominale, dans les conditions climatiques plus chaudes den nominelle nytteeffekt under varmere klimaforhold номиналната топлинна мощност при по-топли климатични условия	A potencia termica nominal, in condizioni climatiche più calde A potência calorífica nominal em condições climáticas mais quentes znamionowa moc cieplna w warunkach klimatu ciepłego	la potencia calorífica nominal en condiciones climáticas más cálidas η ονομαστική θερμική ισχύς υπό θερμότερες κλιματικές συνθήκες -
17	For space heating, annual energy consumption under colder climate conditions voor ruimteverwarming, het jaarlijkse energieverbruik onder koudere klimaatomstandigheden tilalämmityksestä vuotuinen energiankulutus kylmissä ilmasto-olosuhteissa	für die Raumheizung, der jährliche Energieverbrauch bei kälteren Klimaverhältnissen För rumsuppvärmning, årlig energiförbrukning under kallare klimatförhållanden pro vytápění – roční spotřeba energie za chladnějších klimatických podmínek	pour le chauffage des locaux, la consommation annuelle d'énergie, dans les conditions climatiques plus froides for rumopvarmning det årlige energiforbrug under koldere klimaforhold за отопление, годишното потребление на енергия при по-студени климатични условия	per il riscaldamento d'ambiente, il consumo annuo di energia, in condizioni climatiche più fredde Para o aquecimento ambiente, o consumo anual de energia em condições climáticas mais frias w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii w warunkach klimatu chłodnego	para calentar espacios, el consumo anual de energía en condiciones climáticas más frías για θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας υπό ψυχρότερες κλιματικές συνθήκες -
18	For space heating, annual energy consumption under warmer climate conditions voor ruimteverwarming, het jaarlijkse energieverbruik onder warmere klimaatomstandigheden tilalämmityksestä vuotuinen energiankulutus lämpimissä ilmasto-olosuhteissa	für die Raumheizung, der jährliche Energieverbrauch bei wärmeren Klimaverhältnissen För rumsuppvärmning, årlig energiförbrukning under varmare klimatförhållanden pro vytápění – roční spotřeba energie za teplejších klimatických podmínek	pour le chauffage des locaux, la consommation annuelle d'énergie, dans les conditions climatiques plus chaudes for rumopvarmning det årlige energiforbrug under varmere klimaforhold за отопление, годишното потребление на енергия при по-топли климатични условия	per il riscaldamento d'ambiente, il consumo annuo di energia, in condizioni climatiche più calde Para o aquecimento ambiente, o consumo anual de energia em condições climáticas mais quentes w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii w warunkach klimatu ciepłego	para calentar espacios, el consumo anual de energía en condiciones climáticas más cálidas για θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας υπό θερμότερες κλιματικές συνθήκες -
19	For water heating, annual energy consumption under colder climate conditions voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder koudere klimaatomstandigheden vedenlämmityksestä vuotuinen sähkönkulutus kylmissä ilmasto-olosuhteissa	für die Warmwasserbereitung, der jährliche Stromverbrauch bei kälteren Klimaverhältnissen För vattenuppvärmning, årlig elförbrukning under kallare klimatförhållanden pro ohřev vody – roční spotřeba elektrické energie za chladnějších klimatických podmínek	pour le chauffage de l'eau, la consommation annuelle d'électricité, dans les conditions climatiques plus froides for vandopvarmning det årlige elforbrug under koldere klimaforhold за подгряване на вода, годишното потребление на електроенергия при по-студени климатични условия	per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde para o aquecimento de água, o consumo anual de eletricidade em condições climáticas mais frias w odniesieniu do podgrzewania wody, roczne zużycie energii elektrycznej w warunkach klimatu chłodnego	para calentar agua, el consumo anual de electricidad en condiciones climáticas más frías για θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας υπό ψυχρότερες κλιματικές συνθήκες -
20	For water heating, annual energy consumption under warmer climate conditions voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder warmere klimaatomstandigheden vedenlämmityksestä vuotuinen sähkönkulutus lämpimissä ilmasto-olosuhteissa	für die Warmwasserbereitung, der jährliche Stromverbrauch bei wärmeren Klimaverhältnissen För vattenuppvärmning, årlig elförbrukning under varmare klimatförhållanden pro ohřev vody – roční spotřeba elektrické energie za teplejších klimatických podmínek	pour le chauffage de l'eau, la consommation annuelle d'électricité, dans les conditions climatiques plus chaudes for vandopvarmning det årlige elforbrug under varmere klimaforhold за подгряване на вода, годишното потребление на електроенергия при по-топли климатични условия	per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più calde para o aquecimento de água, o consumo anual de eletricidade em condições climáticas mais quentes w odniesieniu do podgrzewania wody, roczne zużycie energii elektrycznej w warunkach klimatu ciepłego	para calentar agua, el consumo anual de electricidad en condiciones climáticas más cálidas για θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας υπό θερμότερες κλιματικές συνθήκες -
21	Seasonal space heating energy efficiency under colder climate conditions de seizoensgebonden energie-efficiëntie voor ruimteverwarming onder koudere klimaatomstandigheden tilalämmityksen kausittainen energiatehokkuus kylmissä ilmasto-olosuhteissa	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei kälteren Klimaverhältnissen Säsongmedelverkningsgrad för rumsuppvärmning under kallare klimatförhållanden sezonní energetická účinnost vytápění za chladnějších klimatických podmínek	l'efficacité énergétique saisonnière pour le chauffage des locaux, dans les conditions climatiques plus froides årsvirkningsgraden ved rumopvarmning under koldere klimaforhold сезонната енергийна ефективност при отопление при по-студени климатични условия	l'efficienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più fredde A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais frias sezonowa efektywność energetyczna ogrzewania pomieszczeń w warunkach klimatu chłodnego	la eficiencia energética estacional de calefacción en condiciones climáticas más frías η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου υπό ψυχρότερες κλιματικές συνθήκες -
22	Seasonal space heating energy efficiency under warmer climate conditions de seizoensgebonden energie-efficiëntie voor ruimteverwarming onder warmere klimaatomstandigheden tilalämmityksen kausittainen energiatehokkuus lämpimissä ilmasto-olosuhteissa	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei wärmeren Klimaverhältnissen Säsongmedelverkningsgrad för rumsuppvärmning under varmare klimatförhållanden sezonní energetická účinnost vytápění za teplejších klimatických podmínek	l'efficacité énergétique saisonnière pour le chauffage des locaux, dans les conditions climatiques plus chaudes årsvirkningsgraden ved rumopvarmning under varmere klimaforhold сезонната енергийна ефективност при отопление при по-топли климатични условия	l'efficienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più calde A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais quentes sezonowa efektywność energetyczna ogrzewania pomieszczeń w warunkach klimatu ciepłego	la eficiencia energética estacional de calefacción en condiciones climáticas más cálidas η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου υπό θερμότερες κλιματικές συνθήκες -
23	Water heating energy efficiency under colder climate conditions de energie-efficiëntie voor waterverwarming onder koudere klimaatomstandigheden vedenlämmityksen energiatehokkuus kylmissä ilmasto-olosuhteissa	die Warmwasserbereitungs-Energieeffizienz bei kälteren Klimaverhältnissen Energieeffektivität vid vattenuppvärmning under kallare klimatförhållanden energetická účinnost ohřevu vody za chladnějších klimatických podmínek	l'efficacité énergétique pour le chauffage de l'eau, dans les conditions climatiques plus froides energieeffektivitet ved vandopvarmning under koldere klimaforhold енергийната ефективност при подгряване на вода при по-студени климатични условия	l'efficienza energetica di riscaldamento dell'acqua in condizioni climatiche più fredde a eficiencia energética do aquecimento de água em condições climáticas mais frias efektywność energetyczna podgrzewania wody w warunkach klimatu chłodnego	la eficiencia energética de caldeo de agua en condiciones climáticas más frías η ενεργειακή απόδοση της θέρμανσης νερού υπό ψυχρότερες κλιματικές συνθήκες -
24	Water heating energy efficiency under warmer climate conditions de energie-efficiëntie voor waterverwarming onder warmere klimaatomstandigheden vedenlämmityksen energiatehokkuus lämpimissä ilmasto-olosuhteissa	die Warmwasserbereitungs-Energieeffizienz bei wärmeren Klimaverhältnissen Energieeffektivität vid vattenuppvärmning under varmare klimatförhållanden energetická účinnost ohřevu vody za teplejších klimatických podmínek	l'efficacité énergétique pour le chauffage de l'eau, dans les conditions climatiques plus chaudes energieeffektivitet ved vandopvarmning under varmere klimaforhold енергийната ефективност при подгряване на вода при по-топли климатични условия	l'efficienza energetica di riscaldamento dell'acqua in condizioni climatiche più calde a eficiencia energética do aquecimento de água em condições climáticas mais quentes efektywność energetyczna podgrzewania wody w warunkach klimatu ciepłego	la eficiencia energética de caldeo de agua en condiciones climáticas más cálidas η ενεργειακή απόδοση της θέρμανσης νερού υπό θερμότερες κλιματικές συνθήκες -
25	Sound power level L _{WA} outdoor het geluidsvermogensniveau L _{WA} buiten äänitehotaso L _{WA} ulkona	der Schalleistungspegel L _{WA} im Freien Ljudeffektivnivå L _{WA} i utomhus hladina akustického výkonu L _{WA} ve venkovním prostoru	le niveau de puissance acoustique L _{WA} à l'extérieur lydeeffektiveau L _{WA} i ude ниводо на звуковата мощност L _{WA} на открито	il livello di potenza sonora L _{WA} all'esterno O nível de potência sonora L _{WA} no exterior poziom mocy akustycznej L _{WA} na zewnątrz	el nivel de potencia acústica L _{WA} en exteriores η στάθμη ηχητικής ισχύος L _{WA} εξωτερικού χώρου -

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM30VA
	Indoor unit:	EHST30D-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		yes
Parameters for		medium-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	3.6	kW	Seasonal space heating energy efficiency	η_s	130	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.2	kW	Tj = - 7 °C	COPd	2.27	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	3.13	-
Tj = + 2 °C	Pdh	2.0	kW	Tj = + 7 °C	COPd	4.53	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	7.17	-
Tj = + 7 °C	Pdh	2.2	kW	Tj = bivalent temperature	COPd	1.74	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = operation limit temperature (***)	COPd	1.74	-
Tj = +12 °C	Pdh	2.0	kW	Operation limit temperature	TOL	-25	°C
Degradation co-efficient (**)	Cdh	0.96	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	3.6	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	3.6	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	-10	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Power consumption in modes other than active mode				Off mode			
Off mode	P _{OFF}	0.010	kW	Thermostat-off mode	P _{TO}	0.010	kW
Thermostat-off mode	P _{TO}	0.010	kW	Standby mode	P _{SB}	0.010	kW
Standby mode	P _{SB}	0.010	kW	Crankcase heater mode	P _{CK}	0.000	kW
Crankcase heater mode	P _{CK}	0.000	kW	Other items			

Capacity control	variable			Rated air flow rate, outdoors	-	1680	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41 / 57	dB				
Annual energy consumption	Q _{HE}	2230	kWh				

For heat pump combination heater:				Water heating energy efficiency	η_{wh}	127	%
Declared load profile	XL						
Daily electricity consumption	Qelec	6.170	kWh				
Annual electricity consumption	AEC	1356	kWh				

Contact details
 MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. 700/406 moo 7, Tambon don hua roh, Amphur muang, chonburi 20000, Thailand

The identification and signature of the person empowered to bind the supplier:



Tadashi SAITO
 Manager, Quality Assurance Department
 THAILAND

* Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.

** Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.

(*) 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.

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM30VA
	Indoor unit:	EHST30D-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		yes
Parameters for		low-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.0	kW	Seasonal space heating energy efficiency	η_s	191	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.6	kW	Tj = - 7 °C	COPd	3.40	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	4.63	-
Tj = + 2 °C	Pdh	2.2	kW	Tj = + 7 °C	COPd	6.51	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	9.28	-
Tj = + 7 °C	Pdh	2.4	kW	Tj = bivalent temperature	COPd	2.79	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = operation limit temperature (***)	COPd	2.79	-
Tj = +12 °C	Pdh	2.4	kW	Operation limit temperature	TOL	-25	°C
Degradation co-efficient (**)	Cdh	0.96	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	4.0	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	4.0	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	-10	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Power consumption in modes other than active mode				Off mode			
Off mode	P _{OFF}	0.010	kW	Thermostat-off mode	P _{TO}	0.010	kW
Thermostat-off mode	P _{TO}	0.010	kW	Standby mode	P _{SB}	0.010	kW
Standby mode	P _{SB}	0.010	kW	Crankcase heater mode	P _{CK}	0.000	kW
Crankcase heater mode	P _{CK}	0.000	kW	Other items			

Capacity control	variable			Rated air flow rate, outdoors	-	1680	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41 / 57	dB				
Annual energy consumption	Q _{HE}	1706	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	XL			η_{wh}	127	%	
Daily electricity consumption	Q _{elec}	6.170	kWh				
Annual electricity consumption	AEC	1356	kWh				

Contact details	MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD.	700/406 moo 7, Tambon don hua roh, Amphur muang, chonburi 20000, Thailand
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The identification and signature of the person empowered to bind the supplier;

Tadashi SAITO
 Manager, Quality Assurance Department
 THAILAND

The signature is signed in the average climate / medium-temperature section.

* Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.
 * Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.
 (*) 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.
 (***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM30VA
	Indoor unit:	EHST30D-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		yes
Parameters for		medium-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	3.4	kW	Seasonal space heating energy efficiency	η_s	112	%
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}	2.1	kW	T _j = - 7 °C	COP _d	2.48	-
Degradation co-efficient (**)	C _{dH}	0.99	-	T _j = + 2 °C	COP _d	3.39	-
T _j = + 2 °C	P _{dH}	1.8	kW	T _j = + 7 °C	COP _d	4.84	-
Degradation co-efficient (**)	C _{dH}	0.98	-	T _j = +12 °C	COP _d	7.14	-
T _j = + 7 °C	P _{dH}	2.2	kW	T _j = bivalent temperature	COP _d	1.78	-
Degradation co-efficient (**)	C _{dH}	0.98	-	T _j = operation limit temperature (***)	COP _d	1.60	-
T _j = +12 °C	P _{dH}	2.3	kW	T _j = - 15 °C (if TOL < - 20 °C)	COP _d	1.78	-
Degradation co-efficient (**)	C _{dH}	0.97	-	Operation limit temperature	TOL	-18	°C
T _j = bivalent temperature	P _{dH}	2.8	kW	Heating water operating limit temperature	WTOL	60	°C
T _j = operation limit temperature (***)	P _{dH}	3.1	kW	Supplementary heater			
T _j = - 15 °C (if TOL < - 20 °C)	P _{dH}	2.8	kW	Rated heat output (*)	P _{sup}	3.4	kW
Bivalent temperature	T _{biv}	-15	°C	Type of energy input	Electrical		
Reference design conditions for space heating	T _{designh}	-22	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	1680	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41 / 57	dB				
Annual energy consumption	Q _{HE}	2916	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	XL			η_{wh}	109	%	
Daily electricity consumption	Q _{elec}	7.160	kWh				
Annual electricity consumption	AEC	1574	kWh				

Contact details
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 Tadashi SAITO
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 (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.
 (***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM30VA
	Indoor unit:	EHST30D-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		yes
Parameters for		low-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	3.2	kW	Seasonal space heating energy efficiency	η_s	149	%
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	2.3	kW	Tj = - 7 °C	COPd	3.40	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	4.37	-
Tj = + 2 °C	Pdh	1.9	kW	Tj = + 7 °C	COPd	5.85	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	8.14	-
Tj = + 7 °C	Pdh	2.3	kW	Tj = bivalent temperature	COPd	2.46	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = operation limit temperature (***)	COPd	1.92	-
Tj = +12 °C	Pdh	2.4	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	2.46	-
Degradation co-efficient (**)	Cdh	0.97	-	Operation limit temperature	TOL	-25	°C
Tj = bivalent temperature	Pdh	2.6	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature (***)	Pdh	2.9	kW	Supplementary heater			
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	2.6	kW	Rated heat output (*)	Psup	0.3	kW
Bivalent temperature	Tbiv	-15	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-22	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	1680	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41 / 57	dB				
Annual energy consumption	Q _{HE}	2077	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	XL			η_{wh}	109	%	
Daily electricity consumption	Q _{elec}	7.160	kWh				
Annual electricity consumption	AEC	1574	kWh				

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 (***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM30VA
	Indoor unit:	EHST30D-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		yes
Parameters for		medium-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	3.0	kW	Seasonal space heating energy efficiency	η_s	168	%
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	COPd	2.47	-
Tj = + 2 °C	Pdh	3.0	kW	Tj = + 7 °C	COPd	3.60	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +12 °C	COPd	6.44	-
Tj = + 7 °C	Pdh	2.1	kW	Tj = bivalent temperature	COPd	2.47	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = operation limit temperature (***)	COPd	2.47	-
Tj = +12 °C	Pdh	2.3	kW	Operation limit temperature	TOL	-25	°C
Degradation co-efficient (**)	Cdh	0.97	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	3.0	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	3.0	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	2	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	1680	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41 / 57	dB				
Annual energy consumption	Q _{HE}	937	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	XL			η_{wh}	153	%	
Daily electricity consumption	Qelec	5.130	kWh				
Annual electricity consumption	AEC	1129	kWh				

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 (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.
 (***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM30VA
	Indoor unit:	EHST30D-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		yes
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	3.0	kW	Seasonal space heating energy efficiency	η_s	235	%
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	COPd	3.91	-
Tj = + 2 °C	Pdh	3.0	kW	Tj = + 7 °C	COPd	5.96	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +12 °C	COPd	7.86	-
Tj = + 7 °C	Pdh	2.4	kW	Tj = bivalent temperature	COPd	3.91	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = operation limit temperature (***)	COPd	3.91	-
Tj = +12 °C	Pdh	2.3	kW	Operation limit temperature	TOL	-25	°C
Degradation co-efficient (**)	Cdh	0.97	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	3.0	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	3.0	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	2	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	1680	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41 / 57	dB				
Annual energy consumption	Q _{HE}	675	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	XL			η_{wh}	153	%	
Daily electricity consumption	Qelec	5.130	kWh				
Annual electricity consumption	AEC	1129	kWh				

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 (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.
 (***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM30VA
	Indoor unit:	EHST30D-MED
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:		yes
Parameters for		medium-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	3.6	kW	Seasonal space heating energy efficiency	η_s	130	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.2	kW	Tj = - 7 °C	COPd	2.27	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	3.13	-
Tj = + 2 °C	Pdh	2.0	kW	Tj = + 7 °C	COPd	4.53	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	7.17	-
Tj = + 7 °C	Pdh	2.2	kW	Tj = bivalent temperature	COPd	1.74	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = operation limit temperature (***)	COPd	1.74	-
Tj = +12 °C	Pdh	2.0	kW	Operation limit temperature	TOL	-25	°C
Degradation co-efficient (**)	Cdh	0.96	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	3.6	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	3.6	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	-10	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Power consumption in modes other than active mode				Off mode			
Off mode	P _{OFF}	0.010	kW	Thermostat-off mode	P _{TO}	0.010	kW
Thermostat-off mode	P _{TO}	0.010	kW	Standby mode	P _{SB}	0.010	kW
Standby mode	P _{SB}	0.010	kW	Crankcase heater mode	P _{CK}	0.000	kW
Crankcase heater mode	P _{CK}	0.000	kW	Other items			

Capacity control	variable			Rated air flow rate, outdoors	-	1680	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41 / 57	dB				
Annual energy consumption	Q _{HE}	2230	kWh				

For heat pump combination heater:				Water heating energy efficiency	η_{wh}	127	%
Declared load profile	XL						
Daily electricity consumption	Qelec	6.170	kWh				
Annual electricity consumption	AEC	1356	kWh				

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 (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.
 (***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM30VA
	Indoor unit:	EHST30D-MED
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:	yes	
Parameters for	low-temperature application.	
Parameters for	average climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.0	kW	Seasonal space heating energy efficiency	η_s	191	%
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}	3.6	kW	T _j = - 7 °C	COP _d	3.40	-
Degradation co-efficient (**)	C _{dH}	0.99	-	T _j = + 2 °C	COP _d	4.63	-
T _j = + 2 °C	P _{dH}	2.2	kW	T _j = + 7 °C	COP _d	6.51	-
Degradation co-efficient (**)	C _{dH}	0.98	-	T _j = +12 °C	COP _d	9.28	-
T _j = + 7 °C	P _{dH}	2.4	kW	T _j = bivalent temperature	COP _d	2.79	-
Degradation co-efficient (**)	C _{dH}	0.97	-	T _j = operation limit temperature (***)	COP _d	2.79	-
T _j = +12 °C	P _{dH}	2.4	kW	Operation limit temperature	TOL	-25	°C
Degradation co-efficient (**)	C _{dH}	0.96	-	Heating water operating limit temperature	WTOL	60	°C
T _j = bivalent temperature	P _{dH}	4.0	kW	Supplementary heater			
T _j = operation limit temperature (***)	P _{dH}	4.0	kW	Rated heat output (*)	P _{sup}	0.0	kW
Bivalent temperature	T _{biv}	-10	°C	Type of energy input	Electrical		
Reference design conditions for space heating	T _{designh}	-10	°C	Power consumption in modes other than active mode			
Power consumption in modes other than active mode				Off mode			
Off mode	P _{OFF}	0.010	kW	Thermostat-off mode	P _{TO}	0.010	kW
Thermostat-off mode	P _{TO}	0.010	kW	Standby mode	P _{SB}	0.010	kW
Standby mode	P _{SB}	0.010	kW	Crankcase heater mode	P _{CK}	0.000	kW
Crankcase heater mode	P _{CK}	0.000	kW	Other items			

Capacity control	variable			Rated air flow rate, outdoors	-	1680	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41 / 57	dB				
Annual energy consumption	Q _{HE}	1706	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	XL			η_{wh}	127	%	
Daily electricity consumption	Q _{elec}	6.170	kWh				
Annual electricity consumption	AEC	1356	kWh				

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 (***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM30VA
	Indoor unit:	EHST30D-MED
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:		yes
Parameters for		medium-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	3.4	kW	Seasonal space heating energy efficiency	η_s	112	%
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}	2.1	kW	T _j = - 7 °C	COP _d	2.48	-
Degradation co-efficient (**)	C _{dH}	0.99	-	T _j = + 2 °C	COP _d	3.39	-
T _j = + 2 °C	P _{dH}	1.8	kW	T _j = + 7 °C	COP _d	4.84	-
Degradation co-efficient (**)	C _{dH}	0.98	-	T _j = +12 °C	COP _d	7.14	-
T _j = + 7 °C	P _{dH}	2.2	kW	T _j = bivalent temperature	COP _d	1.78	-
Degradation co-efficient (**)	C _{dH}	0.98	-	T _j = operation limit temperature (***)	COP _d	1.60	-
T _j = +12 °C	P _{dH}	2.3	kW	T _j = - 15 °C (if TOL < - 20 °C)	COP _d	1.78	-
Degradation co-efficient (**)	C _{dH}	0.97	-	Operation limit temperature	TOL	-18	°C
T _j = bivalent temperature	P _{dH}	2.8	kW	Heating water operating limit temperature	WTOL	60	°C
T _j = operation limit temperature (***)	P _{dH}	3.1	kW	Supplementary heater			
T _j = - 15 °C (if TOL < - 20 °C)	P _{dH}	2.8	kW	Rated heat output (*)	P _{sup}	3.4	kW
Bivalent temperature	T _{biv}	-15	°C	Type of energy input	Electrical		
Reference design conditions for space heating	T _{designh}	-22	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	1680	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41 / 57	dB				
Annual energy consumption	Q _{HE}	2916	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	XL			η_{wh}	109	%	
Daily electricity consumption	Q _{elec}	7.160	kWh				
Annual electricity consumption	AEC	1574	kWh				

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

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM30VA
	Indoor unit:	EHST30D-MED
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:		yes
Parameters for		low-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	3.2	kW	Seasonal space heating energy efficiency	η_s	149	%
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}	2.3	kW	T _j = - 7 °C	COP _d	3.40	-
Degradation co-efficient (**)	C _{dH}	0.99	-	T _j = + 2 °C	COP _d	4.37	-
T _j = + 2 °C	P _{dH}	1.9	kW	T _j = + 7 °C	COP _d	5.85	-
Degradation co-efficient (**)	C _{dH}	0.98	-	T _j = +12 °C	COP _d	8.14	-
T _j = + 7 °C	P _{dH}	2.3	kW	T _j = bivalent temperature	COP _d	2.46	-
Degradation co-efficient (**)	C _{dH}	0.98	-	T _j = operation limit temperature (***)	COP _d	1.92	-
T _j = +12 °C	P _{dH}	2.4	kW	T _j = - 15 °C (if TOL < - 20 °C)	COP _d	2.46	-
Degradation co-efficient (**)	C _{dH}	0.97	-	Operation limit temperature	TOL	-25	°C
T _j = bivalent temperature	P _{dH}	2.6	kW	Heating water operating limit temperature	WTOL	60	°C
T _j = operation limit temperature (***)	P _{dH}	2.9	kW	Supplementary heater			
T _j = - 15 °C (if TOL < - 20 °C)	P _{dH}	2.6	kW	Rated heat output (*)	P _{sup}	0.3	kW
Bivalent temperature	T _{biv}	-15	°C	Type of energy input	Electrical		
Reference design conditions for space heating	T _{designh}	-22	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	1680	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41 / 57	dB				
Annual energy consumption	Q _{HE}	2077	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	XL			η_{wh}	109	%	
Daily electricity consumption	Q _{elec}	7.160	kWh				
Annual electricity consumption	AEC	1574	kWh				

Contact details
 MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. 700/406 moo 7, Tambon don hua roh, Amphur muang, chonburi 20000, Thailand

The identification and signature of the person empowered to bind the supplier;
 Tadashi SAITO
 The signature is signed in the average climate / medium-temperature section.
 Manager, Quality Assurance Department
 THAILAND

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 (**) If C_{dH} is not determined by measurement then the default degradation coefficient is C_{dH} = 0,9.
 (***) If the declared TOL is lower than the T_{designh} of the considered climate then the outdoor dry bulb temperature T_j is equal to T_{designh}.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM30VA
	Indoor unit:	EHST30D-MED
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:	yes	
Parameters for	medium-temperature application.	
Parameters for	warmer climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	3.0	kW	Seasonal space heating energy efficiency	η_s	168	%
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	COP _d	2.47	-
T _j = + 2 °C	P _{dH}	3.0	kW	T _j = + 7 °C	COP _d	3.60	-
Degradation co-efficient (**)	C _{dH}	0.99	-	T _j = +12 °C	COP _d	6.44	-
T _j = + 7 °C	P _{dH}	2.1	kW	T _j = bivalent temperature	COP _d	2.47	-
Degradation co-efficient (**)	C _{dH}	0.98	-	T _j = operation limit temperature (***)	COP _d	2.47	-
T _j = +12 °C	P _{dH}	2.3	kW	Operation limit temperature	TOL	-25	°C
Degradation co-efficient (**)	C _{dH}	0.97	-	Heating water operating limit temperature	WTOL	60	°C
T _j = bivalent temperature	P _{dH}	3.0	kW	Supplementary heater			
T _j = operation limit temperature (***)	P _{dH}	3.0	kW	Rated heat output (*)	P _{sup}	0.0	kW
Bivalent temperature	T _{biv}	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	T _{designh}	2	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}	0.010	kW	
Thermostat-off mode				P _{TO}	0.010	kW	
Standby mode				P _{SB}	0.010	kW	
Crankcase heater mode				P _{CK}	0.000	kW	

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	1680	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41 / 57	dB				
Annual energy consumption	Q _{HE}	937	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	XL			η_{wh}	153	%	
Daily electricity consumption	Q _{elec}	5.130	kWh				
Annual electricity consumption	AEC	1129	kWh				

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

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM30VA
	Indoor unit:	EHST30D-MED
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:	yes	
Parameters for	low-temperature application.	
Parameters for	warmer climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	3.0	kW	Seasonal space heating energy efficiency	η_s	235	%
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	COPd	3.91	-
Tj = + 2 °C	Pdh	3.0	kW	Tj = + 7 °C	COPd	5.96	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = +12 °C	COPd	7.86	-
Tj = + 7 °C	Pdh	2.4	kW	Tj = bivalent temperature	COPd	3.91	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = operation limit temperature (***)	COPd	3.91	-
Tj = +12 °C	Pdh	2.3	kW	Operation limit temperature	TOL	-25	°C
Degradation co-efficient (**)	Cdh	0.97	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	3.0	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	3.0	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	2	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	1680	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41 / 57	dB				
Annual energy consumption	Q _{HE}	675	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	XL			η_{wh}	153	%	
Daily electricity consumption	Qelec	5.130	kWh				
Annual electricity consumption	AEC	1129	kWh				

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 (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.
 (***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM30VA
	Indoor unit:	ERST30D-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		yes
Parameters for		medium-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	3.6	kW	Seasonal space heating energy efficiency	η_s	133	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.2	kW	Tj = - 7 °C	COPd	2.27	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	3.13	-
Tj = + 2 °C	Pdh	2.0	kW	Tj = + 7 °C	COPd	4.53	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	7.17	-
Tj = + 7 °C	Pdh	2.2	kW	Tj = bivalent temperature	COPd	1.74	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = operation limit temperature (***)	COPd	1.74	-
Tj = +12 °C	Pdh	2.0	kW	Operation limit temperature	TOL	-25	°C
Degradation co-efficient (**)	Cdh	0.96	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	3.6	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	3.6	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	-10	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	1680	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41 / 57	dB				
Annual energy consumption	Q _{HE}	2193	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	XL			η_{wh}	127	%	
Daily electricity consumption	Qelec	6.170	kWh				
Annual electricity consumption	AEC	1356	kWh				

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

(***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM30VA
	Indoor unit:	ERST30D-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		yes
Parameters for		low-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.0	kW	Seasonal space heating energy efficiency	η_s	195	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	3.6	kW	Tj = - 7 °C	COPd	3.40	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	4.63	-
Tj = + 2 °C	Pdh	2.2	kW	Tj = + 7 °C	COPd	6.51	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	9.28	-
Tj = + 7 °C	Pdh	2.4	kW	Tj = bivalent temperature	COPd	2.79	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = operation limit temperature (***)	COPd	2.79	-
Tj = +12 °C	Pdh	2.4	kW	Operation limit temperature	TOL	-25	°C
Degradation co-efficient (**)	Cdh	0.96	-	Heating water operating limit temperature	WTOL	60	°C
Tj = bivalent temperature	Pdh	4.0	kW	Supplementary heater			
Tj = operation limit temperature (***)	Pdh	4.0	kW	Rated heat output (*)	Psup	0.0	kW
Bivalent temperature	Tbiv	-10	°C	Type of energy input	Electrical		
Reference design conditions for space heating	Tdesignh	-10	°C	Power consumption in modes other than active mode			
Power consumption in modes other than active mode				Off mode			
Off mode	P _{OFF}	0.010	kW	Thermostat-off mode	P _{TO}	0.010	kW
Thermostat-off mode	P _{TO}	0.010	kW	Standby mode	P _{SB}	0.010	kW
Standby mode	P _{SB}	0.010	kW	Crankcase heater mode	P _{CK}	0.000	kW
Crankcase heater mode	P _{CK}	0.000	kW	Other items			

Capacity control	variable			Rated air flow rate, outdoors	-	1680	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41 / 57	dB				
Annual energy consumption	Q _{HE}	1670	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	XL			η_{wh}	127	%	
Daily electricity consumption	Q _{elec}	6.170	kWh				
Annual electricity consumption	AEC	1356	kWh				

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 (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.
 (***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM30VA
	Indoor unit:	ERST30D-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		yes
Parameters for		medium-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	3.4	kW	Seasonal space heating energy efficiency	η_s	113	%
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}	2.1	kW	T _j = - 7 °C	COP _d	2.48	-
Degradation co-efficient (**)	C _{dH}	0.99	-	T _j = + 2 °C	COP _d	3.39	-
T _j = + 2 °C	P _{dH}	1.8	kW	T _j = + 7 °C	COP _d	4.84	-
Degradation co-efficient (**)	C _{dH}	0.98	-	T _j = +12 °C	COP _d	7.14	-
T _j = + 7 °C	P _{dH}	2.2	kW	T _j = bivalent temperature	COP _d	1.78	-
Degradation co-efficient (**)	C _{dH}	0.98	-	T _j = operation limit temperature (***)	COP _d	1.60	-
T _j = +12 °C	P _{dH}	2.3	kW	T _j = - 15 °C (if TOL < - 20 °C)	COP _d	1.78	-
Degradation co-efficient (**)	C _{dH}	0.97	-	Operation limit temperature	TOL	-18	°C
T _j = bivalent temperature	P _{dH}	2.8	kW	Heating water operating limit temperature	WTOL	60	°C
T _j = operation limit temperature (***)	P _{dH}	3.1	kW	Supplementary heater			
T _j = - 15 °C (if TOL < - 20 °C)	P _{dH}	2.8	kW	Rated heat output (*)	P _{sup}	3.4	kW
Bivalent temperature	T _{biv}	-15	°C	Type of energy input	Electrical		
Reference design conditions for space heating	T _{designh}	-22	°C	Power consumption in modes other than active mode			
Power consumption in modes other than active mode				Off mode			
Off mode	P _{OFF}	0.010	kW	Thermostat-off mode	P _{TO}	0.010	kW
Thermostat-off mode	P _{TO}	0.010	kW	Standby mode	P _{SB}	0.010	kW
Standby mode	P _{SB}	0.010	kW	Crankcase heater mode	P _{CK}	0.000	kW
Crankcase heater mode	P _{CK}	0.000	kW	Other items			

Capacity control	variable			Rated air flow rate, outdoors	-	1680	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41 / 57	dB				
Annual energy consumption	Q _{HE}	2894	kWh				

For heat pump combination heater:				Declared load profile			
				XL			
Daily electricity consumption	Q _{elec}	7.160	kWh	Water heating energy efficiency			
Annual electricity consumption	AEC	1574	kWh	η_{wh}	109	%	

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(**) If C_{dH} is not determined by measurement then the default degradation coefficient is C_{dH} = 0,9.

(***) If the declared TOL is lower than the T_{designh} of the considered climate then the outdoor dry bulb temperature T_j is equal to T_{designh}.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM30VA
	Indoor unit:	ERST30D-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		yes
Parameters for		low-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	3.2	kW	Seasonal space heating energy efficiency	η_s	151	%
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}	2.3	kW	T _j = - 7 °C	COP _d	3.40	-
Degradation co-efficient (**)	C _{dH}	0.99	-	T _j = + 2 °C	COP _d	4.37	-
T _j = + 2 °C	P _{dH}	1.9	kW	T _j = + 7 °C	COP _d	5.85	-
Degradation co-efficient (**)	C _{dH}	0.98	-	T _j = +12 °C	COP _d	8.14	-
T _j = + 7 °C	P _{dH}	2.3	kW	T _j = bivalent temperature	COP _d	2.46	-
Degradation co-efficient (**)	C _{dH}	0.98	-	T _j = operation limit temperature (***)	COP _d	1.92	-
T _j = +12 °C	P _{dH}	2.4	kW	T _j = - 15 °C (if TOL < - 20 °C)	COP _d	2.46	-
Degradation co-efficient (**)	C _{dH}	0.97	-	Operation limit temperature	TOL	-25	°C
T _j = bivalent temperature	P _{dH}	2.6	kW	Heating water operating limit temperature	WTOL	60	°C
T _j = operation limit temperature (***)	P _{dH}	2.9	kW	Supplementary heater			
T _j = - 15 °C (if TOL < - 20 °C)	P _{dH}	2.6	kW	Rated heat output (*)	P _{sup}	0.3	kW
Bivalent temperature	T _{biv}	-15	°C	Type of energy input	Electrical		
Reference design conditions for space heating	T _{designh}	-22	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	1680	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41 / 57	dB				
Annual energy consumption	Q _{HE}	2055	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	XL			η_{wh}	109	%	
Daily electricity consumption	Q _{elec}	7.160	kWh				
Annual electricity consumption	AEC	1574	kWh				

Contact details
 MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD. 700/406 moo 7, Tambon don hua roh, Amphur muang, chonburi 20000, Thailand

The identification and signature of the person empowered to bind the supplier;
 Tadashi SAITO
 The signature is signed in the average climate / medium-temperature section.
 Manager, Quality Assurance Department
 THAILAND

* Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.
 * Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.
 (*) 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.
 (***) If the declared TOL is lower than the T designh of the considered climate then the outdoor dry bulb temperature Tj is equal to T designh.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM30VA
	Indoor unit:	ERST30D-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		yes
Parameters for		medium-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	3.0	kW	Seasonal space heating energy efficiency	η_s	177	%
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	COP _d	2.47	-
T _j = + 2 °C	P _{dH}	3.0	kW	T _j = + 7 °C	COP _d	3.60	-
Degradation co-efficient (**)	C _{dH}	0.99	-	T _j = +12 °C	COP _d	6.44	-
T _j = + 7 °C	P _{dH}	2.1	kW	T _j = bivalent temperature	COP _d	2.47	-
Degradation co-efficient (**)	C _{dH}	0.98	-	T _j = operation limit temperature (***)	COP _d	2.47	-
T _j = +12 °C	P _{dH}	2.3	kW	Operation limit temperature	TOL	-25	°C
Degradation co-efficient (**)	C _{dH}	0.97	-	Heating water operating limit temperature	WTOL	60	°C
T _j = bivalent temperature	P _{dH}	3.0	kW	Supplementary heater			
T _j = operation limit temperature (***)	P _{dH}	3.0	kW	Rated heat output (*)	P _{sup}	0.0	kW
Bivalent temperature	T _{biv}	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	T _{designh}	2	°C	Power consumption in modes other than active mode			
Power consumption in modes other than active mode				Off mode			
Off mode	P _{OFF}	0.010	kW	Thermostat-off mode	P _{TO}	0.010	kW
Thermostat-off mode	P _{TO}	0.010	kW	Standby mode	P _{SB}	0.010	kW
Standby mode	P _{SB}	0.010	kW	Crankcase heater mode	P _{CK}	0.000	kW
Crankcase heater mode	P _{CK}	0.000	kW	Other items			

Capacity control	variable			Rated air flow rate, outdoors	-	1680	m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41 / 57	dB				
Annual energy consumption	Q _{HE}	893	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	XL			η_{wh}	153	%	
Daily electricity consumption	Q _{elec}	5.130	kWh				
Annual electricity consumption	AEC	1129	kWh				

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(**) If C_{dH} is not determined by measurement then the default degradation coefficient is C_{dH} = 0,9.

(***) If the declared TOL is lower than the T_{designh} of the considered climate then the outdoor dry bulb temperature T_j is equal to T_{designh}.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM30VA
	Indoor unit:	ERST30D-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		yes
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	3.0	kW	Seasonal space heating energy efficiency	η_s	251	%
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	COP _d	3.91	-
T _j = + 2 °C	P _{dH}	3.0	kW	T _j = + 7 °C	COP _d	5.96	-
Degradation co-efficient (**)	C _{dH}	0.99	-	T _j = +12 °C	COP _d	7.86	-
T _j = + 7 °C	P _{dH}	2.4	kW	T _j = bivalent temperature	COP _d	3.91	-
Degradation co-efficient (**)	C _{dH}	0.98	-	T _j = operation limit temperature (***)	COP _d	3.91	-
T _j = +12 °C	P _{dH}	2.3	kW	Operation limit temperature	TOL	-25	°C
Degradation co-efficient (**)	C _{dH}	0.97	-	Heating water operating limit temperature	WTOL	60	°C
T _j = bivalent temperature	P _{dH}	3.0	kW	Supplementary heater			
T _j = operation limit temperature (***)	P _{dH}	3.0	kW	Rated heat output (*)	P _{sup}	0.0	kW
Bivalent temperature	T _{biv}	2	°C	Type of energy input	Electrical		
Reference design conditions for space heating	T _{designh}	2	°C	Power consumption in modes other than active mode			
Off mode				P _{OFF}			
Thermostat-off mode				P _{TO}			
Standby mode				P _{SB}			
Crankcase heater mode				P _{CK}			

Other items				Rated air flow rate, outdoors			
Capacity control	variable			-	1680	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41 / 57	dB				
Annual energy consumption	Q _{HE}	630	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile	XL			η_{wh}	153	%	
Daily electricity consumption	Q _{elec}	5.130	kWh				
Annual electricity consumption	AEC	1129	kWh				

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