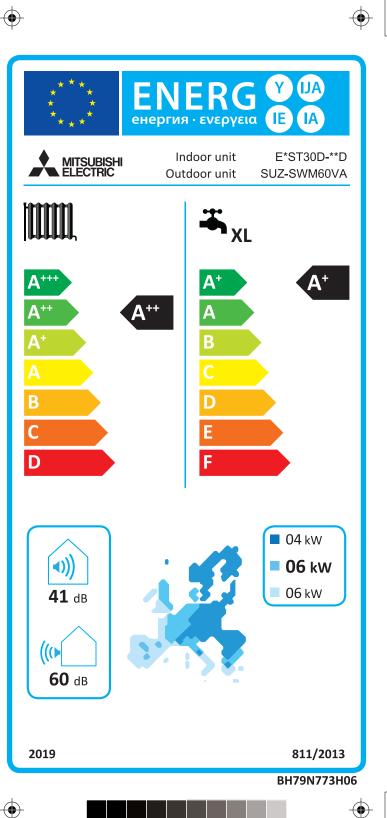


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				C117_C1/1/1001//A								S112-SW/W60//A								C117 CW/M/01/0					Outdoor unit	-	
ERSD-***D	EHSD-***D	ERST30D-**D	EHST30D-**D	ERST20D-**D	EHST20D-**D	ERST17D-**D	EHST17D-**D	ERSD-***D	EHSD-***D	ERST30D-**D	EHST30D-**D	ERST20D-**D	EHST20D-**D	ERST17D-**D	EHST17D-**D	ERSD-***D	EHSD-***D	ERST30D-**D	EHST30D-**D	ERST20D-**D	EHST20D-**D	ERST17D-**D	EHST17D-**D		Indoor unit	2	
¢	۲.	۲.	۲	۰	۲	۲,	•	۰	•	٢	۲	۰	۲,	۰	•	۰	۰	•	٢	۲	۰	٢	•	Me	dium-temperature application	3	
A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	Se eff	asonal space heating energy iciency class	5	
ı		A+	A+	A+	A+	A+	A+			A+	A+	A+	A+	A+	A+			A+	A+	A+	A+	A+	A+	Wa cla	ater heating energy efficiency ss	6	
	•	×	XL	-	-	-	-			¥	XL	-	-	-	-			¥	XL	L	-	-	-	De	clared load profile	7	
7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	kW	Rated heat output under average climate conditions	8	
4268	4268	4268	4268	4268	4268	4268	4268	3612	3612	3612	3612	3612	3612	3612	3612	2788	2788	2788	2788	2788	2788	2788	2788	kWh	For space heating, annual energy consumption under average climate conditions	9	
		1339	1339	721	721	744	744			1339	1339	721	721	744	744			1345	1345	675	675	722	722	kWh	For water heating, annual electricity consumption under average climate conditions	10	
133	131	133	131	133	131	133	131	133	130	133	130	133	130	133	130	132	129	132	129	132	129	132	129	%	Seasonal space heating energy efficiency under average climate conditions	11	
ı	•	128	128	148	148	144	144		•	128	128	148	148	144	144			128	128	159	159	148	148	%	Water heating energy efficiency under average climate conditions	12	For
41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	4 G Sound power level L <sub>WA</sub> indoor		13	mediu
																								Work only during off-peak hours		14	Im-temp
4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	kW	Rated heat output under colder climate conditions	15	medium-temperature application.
7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	kW	Rated heat output under warmer climate conditions	16	applica
3809	3809	3809	3809	3809	3809	3809	3809	3581	3581	3581	3581	3581	3581	3581	3581	3065	3065	3065	3065	3065	3065	3065	3065	kWh	For space heating, annual energy consumption under colder climate conditions	17	ation.
2688	2688	2688	2688	2688	2688	2688	2688	2215	2215	2215	2215	2215	2215	2215	2215	1503	1503	1503	1503	1503	1503	1503	1503	kWh	For space heating, annual energy consumption under warmer climate conditions	18	
,		1605	1605	821	821	900	900			1605	1605	821	821	900	900			1609	1609	823	823	900	900	kWh	For water heating, annual energy consumption under colder climate conditions	19	
	•	1053	1053	621	621	641	641			1053	1053	621	621	641	641			1159	1159	621	621	641	641	kWh	For water heating, annual energy consumption under warmer climate conditions	20	
109	106	109	106	109	106	109	106	109	106	109	106	109	106	109	106	108	105	108	105	108	105	108	105	%	Seasonal space heating energy efficiency under colder climate conditions	21	
138	135	138	135	138	135	138	135	142	138	142	138	142	138	142	138	160	155	160	155	160	155	160	155	%	Seasonal space heating energy efficiency under warmer climate conditions	22	
	•	107	107	130	130	119	119			107	107	130	130	119	119			107	107	130	130	119	119	%	Water heating energy efficiency under colder climate conditions	23	
	•	164	164	173	173	167	167			164	164	173	173	167	167			149	149	173	173	167	167	%	Water heating energy efficiency under warmer climate conditions	24	
62	62	62	62	62	62	62	62	60	60	60	60	60	60	60	60	58	58	58	58	58	58	58	58	dB	Sound power level L <sub>WA</sub> outdoor	25	
•	۰	۰	۲	۰	۲.	۰	۰	۰	•	۰	۲	۰	۰	۰	•	۰	۰	۰	۲	۲,	۰	۰	۰	Lo	w-temperature application	4	
A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	Se en	asonal space heating ergy efficiency class	5	
,	•	A+	A+	A+	A+	A+	A+			A+	A+	A+	A+	A+	A+		,	A+	A+	A+	A+	A+	A+		ater heating energy efficiency ss	6	
,	•	¥	XL	-	-	-	-		,	¥	XL	-	-	-	-	,	1	¥	XL	-	-	-	-	De	clared load profile	7	
7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	kW	Rated heat output under average climate conditions	8	
3060	3060	3060	3060	3060	3060	3060	3060	2845	2845	2845	2845	2845	2845	2845	2845	2198	2198	2198	2198	2198	2198	2198	2198	kWh	For space heating, annual energy consumption under average climate conditions	6	
,	•	1339	1339	721	721	744	744			1339	1339	721	721	744	744	,		1345	1345	675	675	722	722	kWh	For water heating, annual electricity consumption under average climate conditions	10	
187	182	187	182	187	182	187	182	187	181	187	181	187	181	187	181	187	180	187	180	187	180	187	180	%	Seasonal space heating energy efficiency under average climate conditions	11	
,		128	128	148	148	144	144			128	128	148	148	144	144			128	128	159	159	148	148	%	Water heating energy efficiency under average climate conditions	12	-
41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	dB	Sound power level L <sub>WA</sub> indoor	13	For low-

Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals. This information is based on COMMISSION DELEGATED REGULATION (EU) No 813/2013.

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•																								Wo	ork only during off-peak hours	14	empera
4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	κW	Rated heat output under colder climate conditions	15	ow-temperature application
7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	kW	Rated heat output under warmer climate conditions	16	oplicatio
3120	3120	3120	3120	3120	3120	3120	3120	2902	2902	2902	2902	2902	2902	2902	2902	2770	2770	2770	2770	2770	2770	2770	2770	kWh	For space heating, annual energy consumption under colder climate conditions	17	P
1952	1952	1952	1952	1952	1952	1952	1952	1755	1755	1755	1755	1755	1755	1755	1755	1192	1192	1192	1192	1192	1192	1192	1192	kWh	For space heating, annual energy consumption under warmer climate conditions	18	
	ı	1605	1605	821	821	900	900			1605	1605	821	821	900	006			1609	1609	823	823	900	900	kWh	For water heating, annual energy consumption under colder climate conditions	19	
ı	ı	1053	1053	621	621	641	641		•	1053	1053	621	621	641	641			1159	1159	621	621	641	641	kWh	For water heating, annual energy consumption under warmer climate conditions	20	
148	144	148	144	148	144	148	144	148	143	148	143	148	143	148	143	145	141	145	141	145	141	145	141	%	Seasonal space heating energy efficiency under colder climate conditions	21	
191	186	191	186	191	186	191	186	198	192	198	192	198	192	198	192	225	216	225	216	225	216	225	216	%	Seasonal space heating energy efficiency under warmer climate conditions	22	
•	ı	107	107	130	130	119	119		•	107	107	130	130	119	119			107	107	130	130	119	119	%	Water heating energy efficiency under colder climate conditions	23	
•	ı	164	164	173	173	167	167		•	164	164	173	173	167	167			149	149	173	173	167	167	%	Water heating energy efficiency under warmer climate conditions	24	
62	62	62	62	62	62	62	62	60	60	60	60	60	60	60	60	58	58	58	58	58	58	58	58	dB	Sound power level L <sub>WA</sub> outdoor	25	

		 	 	1	1	1			1		 			3		14	< m	दे ाना	y <	12		±		<	10		et	<u>ہ</u>		00 2 Q	7-	~	, I	ത ല ട		л <u>- 0</u>	4		ω ΣIII	2 10	2		-	0	
															лтттаан атарааал тарааларројот атараотата	verken uitsluitend in de daluren imimaan ainoastaan kulutushuinnian ulkonuolalla	änitehotaso L <sub>vM</sub> sisällä Vork only during off-peak hours	et geluidsvermogensniveau L <sub>WA</sub> binnen	edenlämmityksen energiatehokkuus(keskimääräisissä ilmasto-olosuhteissa) jound nower level 1 indoor	water neating energy emolency under average climate condutors de energie-efficiëntie voor waterverwarming(onder gemiddelde klimaatomstandigheden)		de setzensgebonden energie-efficientie voor ruimteverwarming(onder gemiddelde klimaatomstandigheden)	Seasonal space heating energy efficiency under average climate conditions	vedenlämmityksestä vuotuinen sähkönkulutus(keskimääräisissä ilmasto-olosuhteissa)	voor waterverwarming, het jaarlijkse elektriciteitsverbruik(onder gemiddelde klimaatomstandigheden)	For water heating, annual electricity consumption under average climate conditions	tilalämmityksestä vuotuinen energiankulutus(keskimääräisissä ilmasto-olosuhteissa)	voor ruimteverwarming, het jaarlijkse energieverbruik(onder gemiddelde klimaatomstandigheden)	or space heating, annual energy consumption under average climate conditions	de nominale warmteafgifte(onder gemiddelde Klimaatomstandigheden) nimellislämpöteho(keskimääräisissä ilmasto-olosuhteissa)	morrettu kuormitusproniii tated heat output under average climate conditions	pgegeven capaciteitsprofiel	ityksen energiatehokl	vater heating energy efficiency class e energie-efficiëntieklasse voor waterverwarming	alämmityksen kausittainen energiatehokkuusluokka	n nimteverwarm			middentemperatuur-toepassing keskilännöitian sovallus						inglish Jederlands
																drivas uteslutande under perioder med låg belastning	hladina akustického výkonu L <sub>WA</sub> ve vnitřním prostoru dass ein ausschließlicher Betrieb des Kombiheizgerätes zu Schwachlastzeiten	Ljudeffektnivå L <sub>wA</sub> i inomhus	energetická účinnost ohřevu vody za průměrných klimatických podmínek der Schallleistunosnenel I in Gehäuden	ore warmwasserbereitungs-Entergieemizieniz bei ourchschnittlichen Nitmaverhalmissen Energieffektivitet vid vattenuppvärmning(vid genomsnittliga klimatförhållanden)	sezonní energetická účinnost vyťápění za průměrných klimatických podmínek	Säsongsmedelverkningsgrad för rumsuppvärmning(vid genomsnittiliga klimatförhållanden)	die jahreszeitbedingte Raumheizungs-Energieettizienz bei durchschnittlichen Klimaverhältnissen	pro ohřev vody – roční spotřeba elektrické energie za průměrných klimatických podmínek	För vattenuppvärmning, årlig elförbrukning(vid genomsnittliga klimatförhållanden)	für die Warmwasserbereitung, den jährlichen Stromverbrauch bei durchschnittlichen Klimaverhältnissen	pro vyťápění – roční spotřeba energie za průměrných klimatických podmínek	För rumsuppvärmning, årlig energiförbrukning(vid genomsnittliga klimatförhållanden)	für die Raumheizung, den jährlichen Energieverbrauch bei durchschnittlichen Klimaverhältnissen	Den nominella avgivna vármeeffekten(under genomsnittliga klimatförhållanden) jmenovitý tepelný výkon(za průměrných klimatických podmínek)	Dektarovany Zatezovy protii die Wärmenennleistung bei durchschnittlichen Klimaverhältnissen	Peklarerad belastningsprofil	třída energetické účinnosti ohřevu vody	die Klasse für die Warnwasserbereitungs-Energieeffizienz energieffektivitetsklass vid vattenuppvärmning	třída sezonní energetické účinnosti vytápění	eitbedingte Raumheizungs-Energie			mediumtemperaturapplikation stracholenohni antikane				Außengerät Utomhusenhet	Čeština	Venska
																fungere uden for spidsbelastningsperioder	нивото на звуковата мощност L <sub>WA</sub> на закрито fonctionner qu'en heures creuses	lydeffektniveauet L <sub>WA</sub> i inde	ефективност при подгряване на вода(при средни к suissance acoustique l un à l'intérieur	i emcacite energienque pour le craunage de l'eauqans les conditions climatiques moyennes) energieffektiviteten ved vandopvarmning(under gennemsnittige klimatiorhold)	сезонната енергийна ефективност при отопление(при средни климатични условия)	ársvirkningsgraden ved rumopvarmning(under gennemsnitilige klimaforhold)	l'efficacite energetique saisonniere pour le chauffage des locaux(dans les conditions climatiques moyennes)	ни условия	for vandopvarmning det årlige elforbrug(under gennemsnitlige klimaforhold)	pour le chauffage de l'eau, la consommation annuelle d'électricité(dans les conditions climatiques moyennes)	за отопление, годишното потребление на енергия(при средни климатични условия)	for rumopvarmning det årlige energiforbrug(under gennemsnitlige klimatorhold)	pour le chauffage des locaux, la consommation annuelle d'énergie(dans les conditions climatiques moyennes)	den nominelle nytteeffekt(under gennemsnittige klimaforhold) номиналната топлинна мощност(при средни климатични условия)	Croateen totapoe inportion for a condition of the conditi	Angivet forbrugsprofil	ктивност пр	la classe d'efficacité énergétique, pour le chauffage de l'eau klassen for ársvirkningsgrad ved vandopvarmning	гийна ефекти	la classe d'efficacité énergétique saisonnière, pour le chauffage des locaux klassen for àrevirkningsprad ved runggyarming	lavtemperaturanvendelsen нискотемпературни приложения	Pappication à basse température	middeltemperaturanvendelsen cneutorskineparvoluoro novinowelive	Вътрешно тяло l'application à movenne température	Indenders enhed	Bъншно тяло unité intérieure	Udendørs enhed	Български	Français   Dansk
															יווימיטאינים (אינער אין אַראַראַראַראַראַראַראַראַראַראַראַראַרא	de funcionar unicamente fora das horas de pico nracować iedunie w notizinach noza ezerzidowum obciażeniem	poziom mocy akustycznej L <sub>WA</sub> w pomieszczeniu funzione soltanto durante le ore morte	O nível de potência sonora L <sub>WA</sub> no interior	efektywność energetyczna podgrzewania wody(w warunkach klimatu umiarkowanego) li livello di potenza sonora 1 w all'interno	m condições climáticas médias)	Umlarkowanego)	A eficiência energética do aquecimento ambiente sazonal(em condições climáticas médias) sezonowa efektivuność energetyczna ogrzewania nomieszczeń(w wanukach klimatu	l'efficienza energetica stagionale di riscaldamento d'ambiente(in condizioni climatiche medie)	w odniesieniu do podgrzewania wody, roczne zużycie energii elektrycznej(w warunkach klimatu umiarkowanego)	para o aquecimento de água, o consumo anual de eletricidade(em condições climáticas médias)	l'acqua, il consumo annuo di energia(in condizioni clim	w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii(w warunkach klimatu umiarkowanego)	Para o aquecimento ambiente, o consumo anual de energia(em condições climáticas médias)	aldamento d'ambiente, il consumo annuo di energia(in condizioni	A potência calorífica nominal(em condições climáticas médias) znamionowa moc ciephra(w warunkach klimatu umiarkowanego)	Lektarowany protiti obciązen la potenza termica nominale(in condizioni climatiche medie)		odgrzewania wod	la classe di efficienza energetica del riscaldamento dell'acqua A classe de eficiência energética do aquecimento de água	klasa sezonowej efektywności energetycznej ogrzewania pomieszczeń	la classe di efficienza energetica stagionale del riscaldamento d'ambiente A classe de efficiência energética do anuecimento ambiente sazonal	aplicação a baixa tempera stosowania w niskich temj	le applicazioni a bassa temperatura	a aplicação a média temperatura zastrosovania w środnich temperaturach	jednostka wewnętrzna le applicazioni a media temperatura	unidade interior	jednostka zewnętrzna unità interna	Unità esterna Unidade exterior	Polski	Italiano Português
																λειτουργία μόνο εκτός των ωρών αιχμής	funcionar solamente durante las horas de baja demanda	η στάθμη ηχητικής ισχύος L <sub>IWA</sub> εσωτερικού χώρου	el nivel de notencia acrústica I en interiores	ια εικοιεικοί emergencia de candeo de aguaten contoiciones cimitaricas medias) η ενεργειακή απόδοση θέρμανσης νερού(υπό μέσες κλιματικές συνθήκες)	• • • • • • • • • • • • • • • • • • •	η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου(υπό μέσες κλιματικές συνθήκες)	la eficiencia energética estacional de calefacción(en condiciones climáticas medias)		για την θέρμανση νερού, η επήσια κατανάλωση ηλεκτρικής ενέργειας(υπό μέσες κλιματικές συνθήκες)	para calentar agua, el consumo anual de electricidad(en condiciones climáticas medias)		για τη θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας(υπό μέσες κλιματικές συνθήκες)	para calentar espacios, el consumo anual de energía(en condiciones climáticas medias)	η ονομαστική θερμική ισχύς(υπό μέσες κλιματικές συνθήκες) -	la potencia calorífica nominal(en condiciones climáticas medias)	remin de Garga declarado Δηλωμένο προφίλ φορτίου	Darbi da anoro doslorado	la clase de eficiencia energética del caldeo de agua η τάξη ενεργειακής απόδοαης θέρμανσης νερού	مماملا لالمعالية والمعالية والمعالمات والمعالمات والمعاطما والمعالمة والمعالمات	la clase de eficiencia energética estacional de calefacción a trófa sus exervisión másonon no smovarác desurvano vánou	η εφαρμογή σε χαμηλή θερμοκρασία	la aplicación de baja temperatura	η εφαρμογή σε μέση θερμοκρασία	la aplicación de media temperatura	απισματιπικοινοι Εστωτερική μονάδα	unidad interior	unidad exterior Εξωτερική μονάδα	• • • • • • • • • • • • • • • • • • •	EMapuká

Model(s):	Outdoor unit:	SUZ-SWM60VA(-BS)
	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.

Rated heat output (*)Prated6.0kWSeasonal space heating energy efficiencyns130%Declared capacity for heating for part load at indoortemperature 20 °C and outdoor temperature T jDeclared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T jT j = -7 °CC COPd2.04-T j = -7 °CPdh5.3KWT j = -7 °CC OPd2.04Degradation co-efficient (*)Cdh0.98T j = +7 °CPdh2.6KWT j = +7 °CC OPd4.48-Degradation co-efficient (*)Cdh0.97T j = +12 °CPdh2.6KWT j = +12 °CC OPd6.34-Degradation co-efficient (*)Cdh0.96T j = peraton limit temperaturePdh5.3KWT j = bivalent temperatureC OPd1.45T j = operation limit temperaturePdh5.3KWT j = operation limit temperatureC OPd-T j = operation limit temperaturePdhCT j = operation limit temperaturePdh-KWT j = operation limit temperatureT oLT j = operation limit temperaturePdhCT j = operation limit temperatureT oLC <th>Item</th> <th>Symbol</th> <th>Value</th> <th>Unit</th> <th>Item</th> <th>Symbol</th> <th>Value</th> <th>Unit</th>	Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T jTj = -7 °CPdh5.3kWDegradation co-efficient (°)Cdh0.89-Tj = + 2 °CPdh3.2kWTj = + 7 °CCOPd2.04Degradation co-efficient (°)Cdh0.38Tj = + 7 °CPdh2.6kWTj = + 7 °CCOPd3.33-Degradation co-efficient (°)Cdh0.38Tj = + 12 °CCOPd2.6kWTj = + 7 °CCOPd6.34-Degradation co-efficient (°)Cdh0.96Tj = +12 °CCOPd6.34Tj = to co-efficient (°)Cdh0.96Tj = operation limit temperaturePdh5.3kWTj = to'alent temperatureCOPd1.45Tj = - 15 °C (if TOL < - 20 °C)	Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	130	%
T = - 7 °CPdh5.3KWT = -7 °CCOPd2.04-Degradation co-efficient (**)Cdh0.99-TT = +2 °CCOPd3.33-T = +2 °CPdh3.2KWT = +7 °CCOPd3.33-Degradation co-efficient (**)Cdh0.98-T = +7 °CCOPd4.48-Degradation co-efficient (**)Cdh0.97-T = +7 °CCOPd6.34-T = +12 °CPdh2.6KWT = +12 °CCOPd6.34-Degradation co-efficient (**)Cdh0.96-T = +12 °CCOPd6.34-T = biralent temperaturePdh5.3KWT = -15 °C (f TOL < -20 °C)	Declared capacity for heating for pa	art load at	indoor			primary er	nergy ratio	for
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	temperature 20 °C and outdoor tem	perature T	j		part load at indoor temperature 20 °C a	and outdoo	or temperat	ure Tj
Tj = + 2 °CPdh3.2KWTj = + 2 °CCOPd3.33-Degradation co-efficient (*)Cdh0.98-Tj = + 7 °CCOPd4.48-Tj = + 7 °CPdh2.6KWTj = + 7 °CCOPd6.34-Degradation co-efficient (*)Cdh0.96Tj = 1yl2 °CPdh2.6KWTj = + 12 °CCOPd6.34-Degradation co-efficient (*)Cdh0.96Tj = pivalent temperaturePdh5.3KWTj = operation limit temperatureCOPd1.45-Tj = operation limit temperaturePdh-KWTj = -15 °C (IT TOL < -20 °C)	Tj = - 7 °C	Pdh	5.3	kW	Tj = - 7 °C	COPd	2.04	-
$ \begin{array}{c c c c c c c } \hline \begin{tabular}{c c c c c c c c } \hline \begin{tabular}{c c c c c c c c } \hline \begin{tabular}{c c c c c c c c } \hline \begin{tabular}{c c c c c c c } \hline \begin{tabular}{c c c c c c c } \hline \begin{tabular}{c c c c c c } \hline \begin{tabular}{c c c c c c } \hline \begin{tabular}{c c c c c c c } \hline \begin{tabular}{c c c c c c } \hline \begin{tabular}{c c c c c c c } \hline \begin{tabular}{c c c c c c c } \hline \begin{tabular}{c c c c c c c } \hline \begin{tabular}{c c c c c c c } \hline \begin{tabular}{c c c c c c c c } \hline \begin{tabular}{c c c c c c c c c c c c c c c c c c c $	Degradation co-efficient (**)	Cdh	0.99	-				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Tj = + 2 °C	Pdh	3.2	kW	Tj = + 2 °C	COPd	3.33	-
Degradation co-efficient (**)Cdh0.97-Tj = +12 °CPdh2.6kWTj = +12 °CCOPd6.34-Degradation co-efficient (**)Cdh0.96Tj = bivalent temperaturePdh5.3kWTj = operation limit temperatureCOPd2.04-Tj = operation limit temperaturePdh4.4kWTj = operation limit temperature (***)COPd1.45-Tj = -15 °C (if TOL < - 20 °C)	Degradation co-efficient (**)	Cdh	0.98	-				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Tj = + 7 °C	Pdh	2.6	kW	Tj = + 7 °C	COPd	4.48	-
Degradation co-efficient (**)Cdh0.96-Tj = bivalent temperaturePdh5.3kWTj = bivalent temperatureCOPd2.04-Tj = operation limit temperaturePdh4.4kWTj = operation limit temperature (***)COPd1.45-Tj = -15 °C (if TOL < - 20 °C)	Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperaturePdh5.3kWTj = bivalent temperatureCOPd2.04-Tj = operation limit temperaturePdh4.4kWTj = operation limit temperature (***)COPd1.45-Tj = -15 °C (if TOL < -20 °C)	Tj = +12 °C	Pdh	2.6	kW	Tj = +12 °C	COPd	6.34	-
Tj = operation limit temperaturePdh4.4kWTj = operation limit temperature (***)COPd1.45-Tj = -15 °C (if TOL < - 20 °C)	Degradation co-efficient (**)	Cdh	0.96	-				
Tj = -15 °C (if TOL < -20 °C)Pdh-kWTj = -15 °C (if TOL < -20 °C)COPd-Bivalent temperatureTbiv-7°COperation limit temperatureTOL-20°CReference design conditions for space heatingTdesignh-10°COperation limit temperatureTOL-20°CPower consumption in modes other than active modeTdesignh-10°CHeating water operating limitWTOL60°COff modePoFF0.015kWSupplementary heaterSupplementary heaterOff modePoFF0.015kWRated heat output (*)Psup0.9kWStandby modePs80.015kWType of energy inputElectricalCrankcase heater modePck0.000kWType of energy inputElectricalOther itemsCapacity controlvariableRated air flow rate, outdoors-2070m³/hSound power level, indoors/outdoorsLwA41 / 60dBAdBA128%Declared load profileXLWater heating energy efficiencynwh128%Daily electricity consumptionQelec6.090kWh0Annual electricity consumptionAEC1339kWh0Contact details-1339kWh	Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	2.04	-
Bivalent temperature Reference design conditions for space heating       Tbiv       -7       °C       Operation limit temperature temperature       TOL       -20       °C         Power consumption in modes other than active mode       °C       °C       Buplementary heater       60       °C         Off mode       PorF       0.015       kW       Rated heat output (*)       Psup       0.9       kW         Thermostat-off mode       PorF       0.015       kW       Rated heat output (*)       Psup       0.9       kW         Standby mode       PsB       0.015       kW       Type of energy input       Electrical       Electrical         Other items       Capacity control       variable       Annual energy consumption       LwA       41 / 60       dBA         Annual energy consumption       Q <sub>HE</sub> 3612       kWh       Water heating energy efficiency       nwh       128       %         Daily electricity consumption       Qelec       6.090       kWh       Wth       KWh	Tj = operation limit temperature	Pdh	4.4	kW	Tj = operation limit temperature (***)	COPd	1.45	-
Reference design conditions for space heatingTdesignh-10°CHeating water operating limit temperatureWTOL60°CPower consumption in modes other than active modeSupplementary heaterSupplementary heaterSupplementary heaterSupplementary heaterOff mode $P_{OFF}$ 0.015kWRated heat output (*)Psup0.9kWThermostat-off mode $P_{TO}$ 0.015kWType of energy inputElectricalStandby mode $P_{SB}$ 0.015kWType of energy inputElectricalCrankcase heater mode $P_{CK}$ 0.000kWType of energy inputElectricalOther itemsCapacity controlvariableRated air flow rate, outdoors-2070m³/hSound power level, indoors/outdoors $L_{WA}$ 41 / 60dBAdBA2070m³/hFor heat pump combination heater:Declared load profileXLWater heating energy efficiency $\eta$ wh128%Daily electricity consumptionQelec6.090kWhKWhContact detailsKWhKWhKWhKWh	Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
heatingIdesign <t< td=""><td>Bivalent temperature</td><td>Tbiv</td><td>-7</td><td>°C</td><td>Operation limit temperature</td><td>TOL</td><td>-20</td><td>°C</td></t<>	Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°C
Off mode     P <sub>OFF</sub> 0.015     kW       Thermostat-off mode     P <sub>TO</sub> 0.015     kW       Standby mode     P <sub>SB</sub> 0.015     kW       Crankcase heater mode     P <sub>CK</sub> 0.000     kW       Other items     0.000     kW       Capacity control     variable     Rated air flow rate, outdoors     2070     m³/h       Sound power level, indoors/outdoors     L <sub>WA</sub> 41 / 60     dBA     dBA       Annual energy consumption     Q <sub>HE</sub> 3612     kWh     Water heating energy efficiency     nwh     128     %       Declared load profile     XL     Water heating energy efficiency     nwh     128     %       Contact details     Annual electricity consumption     AEC     1339     kWh     AWh	•	Tdesignh	-10	°C		WTOL	60	°C
Thermostat-off mode     PTO     0.015     KW       Standby mode     PsB     0.015     KW       Crankcase heater mode     PcK     0.000     KW       Other items     Capacity control     variable     Rated air flow rate, outdoors     2070     m³/h       Sound power level, indoors/outdoors     LwA     41 / 60     dBA     Annual energy consumption     QHE     3612     kWh       For heat pump combination heater:     Declared load profile     XL     Water heating energy efficiency     nwh     128     %       Daily electricity consumption     Qelec     6.090     kWh     KWh     KWh     KWh     KWh     KWh       Annual electricity consumption     AEC     1339     KWh     KWh     KWh     KWh     KWh	Power consumption in modes other	than activ	ve mode		Supplementary heater			
Standby mode $P_{SB}$ $0.015$ kWType of energy inputElectricalCrankcase heater mode $P_{CK}$ $0.000$ kWType of energy inputElectricalOther items $Capacity control$ $variable$ Rated air flow rate, outdoors $2070$ m³/hSound power level, indoors/outdoors $L_{WA}$ $41/60$ dBAAnnual energy consumption $Q_{HE}$ $3612$ kWh $Variable$ $Vari$	Off mode	$P_{OFF}$	0.015	kW	Rated heat output (*)	Psup	0.9	kW
Crankcase heater modePCK0.000kWOther itemsCapacity controlvariableRated air flow rate, outdoors2070m³/hSound power level, indoors/outdoorsLWA41 / 60dBAenergy consumption0energyenergyenergyenergy12070m³/hFor heat pump combination heater:3612kWhWater heating energy efficiencynwh128%Declared load profileXLWater heating energy efficiencynwh128%Daily electricity consumptionQelec6.090kWhenergy efficiencynwh128%Contact detailsAEC1339kWhenergy efficiencynwh128%	Thermostat-off mode	$P_{TO}$	0.015	kW				
Other items       variable       Rated air flow rate, outdoors       2070       m³/h         Sound power level, indoors/outdoors       L <sub>WA</sub> 41 / 60       dBA       -       2070       m³/h         Annual energy consumption       Q <sub>HE</sub> 3612       kWh       -       2070       m³/h         For heat pump combination heater:       -       XL       Water heating energy efficiency       nwh       128       %         Daily electricity consumption       Qelec       6.090       kWh       KWh       -	Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Capacity controlvariableRated air flow rate, outdoors2070m³/hSound power level, indoors/outdoorsL_WA41 / 60dBAdBA-2070m³/hAnnual energy consumptionQ_HE3612kWh2070m³/hFor heat pump combination heater:Declared load profileXLWater heating energy efficiencynwh128%Daily electricity consumptionQelec6.090kWhAnnual electricity consumptionAEC1339kWhContact details <td>Crankcase heater mode</td> <td>Р<sub>ск</sub></td> <td>0.000</td> <td>kW</td> <td></td> <td></td> <td></td> <td></td>	Crankcase heater mode	Р <sub>ск</sub>	0.000	kW				
Sound power level, indoors/outdoors       L <sub>WA</sub> 41 / 60       dBA         Annual energy consumption       Q <sub>HE</sub> 3612       kWh         For heat pump combination heater:	Other items							
Annual energy consumption       Q <sub>HE</sub> 3612       kWh         For heat pump combination heater:	Capacity control		variable		Rated air flow rate, outdoors	-	2070	m <sup>3</sup> /h
For heat pump combination heater:       XL       Water heating energy efficiency       nwh       128       %         Declared load profile       XL       Water heating energy efficiency       nwh       128       %         Daily electricity consumption       Qelec       6.090       kWh       KWh <td>Sound power level, indoors/outdoors</td> <td>L<sub>WA</sub></td> <td>41 / 60</td> <td>dBA</td> <td></td> <td></td> <td></td> <td></td>	Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 60	dBA				
Declared load profile       XL       Water heating energy efficiency       nwh       128       %         Daily electricity consumption       Qelec       6.090       kWh	Annual energy consumption	$Q_{HE}$	3612	kWh				
Daily electricity consumption     Qelec     6.090     kWh       Annual electricity consumption     AEC     1339     kWh       Contact details     Contact details     Contact details	For heat pump combination heater:							
Annual electricity consumption     AEC     1339     kWh       Contact details	Declared load profile		XL		Water heating energy efficiency	ηwh	128	%
Contact details	Daily electricity consumption	Qelec	6.090	kWh				I
	Annual electricity consumption	AEC	1339	kWh				
		NING SYS			Nettlehill Road Houston Industrial Estate Liv	vingston FF	54 5FQ Sc	otland UK

Model(s):	Outdoor unit:	SUZ-SWM60VA(-BS)
	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	6.6	kW	Seasonal space heating energy efficiency	ηs	181	%
Declared capacity for heating for pa	i art load at	indoor		Declared coefficient of performance or	primary er	nergy ratio	for
temperature 20 °C and outdoor tem	perature T	ij		part load at indoor temperature 20 °C a	and outdoo	or temperat	ure Tj
Tj = - 7 °C	Pdh	5.8	kW	Tj = - 7 °C	COPd	3.02	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.6	kW	Tj = + 2 °C	COPd	4.56	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.8	kW	Tj = + 7 °C	COPd	6.36	-
Degradation co-efficient (**)	Cdh	0.97	_				
Tj = +12 °C	Pdh	2.6	kW	Tj = +12 °C	COPd	8.39	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	5.8	kW	Tj = bivalent temperature	COPd	3.02	-
Tj = operation limit temperature	Pdh	4.4	kW	Tj = operation limit temperature (***)	COPd	1.45	-
Tj = − 15 °C (if TOL < − 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	-10	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other	than activ	ve mode		Supplementary heater			
Off mode	$P_{OFF}$	0.015	kW	Rated heat output (*)	Psup	1.1	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2070	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 60	dBA				
Annual energy consumption	$Q_{HE}$	2845	kWh				
For heat pump combination heater:			<u> </u>				
Declared load profile		XL		Water heating energy efficiency	ηwh	128	%
Daily electricity consumption	Qelec	6.090	kWh				
Annual electricity consumption	AEC	1339	kWh				
Contact details MITSUBISHI ELECTRIC AIR CODITIO	NING SYS	TEM EUR	OPE LTD.	Nettlehill Road, Houston Industrial Estate, Liv	vingston, EH	I54 5EQ, Sc	otland, U.K.

Model(s):	Outdoor unit:	SUZ-SWM60VA(-BS)
	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	4.1	kW	Seasonal space heating energy efficiency	ηs	106	%
Declared capacity for heating for pa	art load at	indoor	<u> </u>	Declared coefficient of performance or	primary er	nergy ratio	for
temperature 20 °C and outdoor tem	perature T	j		part load at indoor temperature 20 °C a	and outdoo	or temperat	ure Tj
Tj = - 7 °C	Pdh	2.8	kW	Tj = - 7 °C	COPd	2.41	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 2 °C	COPd	3.29	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.2	kW	Tj = + 7 °C	COPd	4.07	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	5.76	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	3.9	kW	Tj = bivalent temperature	COPd	1.36	-
Tj = operation limit temperature	Pdh	4.4	kW	Tj = operation limit temperature (***)	COPd	1.45	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other	than activ	ve mode		Supplementary heater			
Off mode	$P_{OFF}$	0.015	kW	Rated heat output (*)	Psup	4.1	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	Р <sub>ск</sub>	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2070	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 60	dBA				
Annual energy consumption	$Q_{HE}$	3581	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	107	%
Daily electricity consumption	Qelec	7.300	kWh				
Annual electricity consumption	AEC	1605	kWh				
Contact details MITSUBISHI ELECTRIC AIR CODITIC	NING SYS	STEM EUR	OPE LTD.	Nettlehill Road, Houston Industrial Estate, Liv	vingston, E⊦	154 5EQ, Sco	otland, U.K.

Model(s):	Outdoor unit:	SUZ-SWM60VA(-BS)
	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	4.5	kW	Seasonal space heating energy efficiency	ηs	143	%
Declared capacity for heating for pa	art load at	indoor	I	Declared coefficient of performance or	primary ei	nergy ratio	for
temperature 20 °C and outdoor tem	perature T	j	_	part load at indoor temperature 20 °C a	and outdoo	or temperat	ure Tj
Tj = - 7 °C	Pdh	3.2	kW	Tj = - 7 °C	COPd	3.52	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	2.7	kW	Tj = + 2 °C	COPd	4.29	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.3	kW	Tj = + 7 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	6.90	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	4.3	kW	Tj = bivalent temperature	COPd	2.06	-
Tj = operation limit temperature	Pdh	4.3	kW	Tj = operation limit temperature (***)	COPd	2.06	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other	than activ	/e mode		Supplementary heater			
Off mode	$P_{OFF}$	0.015	kW	Rated heat output (*)	Psup	4.5	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	Р <sub>ск</sub>	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2070	m <sup>3</sup> /h
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 60	dBA				
Annual energy consumption	$Q_{HE}$	2902	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	107	%
Daily electricity consumption	Qelec	7.300	kWh				
Annual electricity consumption	AEC	1605	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CODITIC	NING SYS	TEM EUR	OPE LTD.	Nettlehill Road, Houston Industrial Estate, Liv	vingston, EF	154 5EQ, Sc	otland, U.K.

Model(s):	Outdoor unit:	SUZ-SWM60VA(-BS)
	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	6.0	kW	Seasonal space heating	ηs	138	%
			K V V	energy efficiency			
Declared capacity for heating for pa				Declared coefficient of performance or			
temperature 20 °C and outdoor tem		J		part load at indoor temperature 20 °C a		or temperat	ture Ij
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				I
Tj = + 2 °C	Pdh	6	kW	Tj = + 2 °C	COPd	1.87	-
Degradation co-efficient (**)	Cdh	1.00	-				_
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	2.87	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	1.93	-
Tj = operation limit temperature	Pdh	4.4	kW	Tj = operation limit temperature (***)	COPd	1.45	-
Tj = − 15 °C (if TOL < − 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	2	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other	than acti	ve mode		Supplementary heater			
Off mode	$P_{OFF}$	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	$P_{TO}$	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2070	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 60	dBA				
Annual energy consumption	$Q_{HE}$	2215	kWh				
For heat pump combination heater:		ļ					
Declared load profile		XL		Water heating energy efficiency	ηwh	164	%
Daily electricity consumption	Qelec	4.790	kWh			L	I
Annual electricity consumption	AEC	1053	kWh				
Contact details MITSUBISHI ELECTRIC AIR CODITIC				Nettlehill Road, Houston Industrial Estate, Liv	vingeton EL	154 550 80	otland 114

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit		
Rated heat output (*)	Prated	6.6	kW	Seasonal space heating energy efficiency	ηs	192	%		
Declared capacity for heating for pa	Declared coefficient of performance or primary energy ratio for								
temperature 20 °C and outdoor tem	perature T	j		part load at indoor temperature 20 °C a	ind outdoo	or temperat	ure Tj		
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-		
Degradation co-efficient (**)	Cdh	-	-						
Tj = + 2 °C	Pdh	6.6	kW	Tj = + 2 °C	COPd	3.32	-		
Degradation co-efficient (**)	Cdh	0.99	-						
Tj = + 7 °C	Pdh	4.2	kW	Tj = + 7 °C	COPd	4.08	-		
Degradation co-efficient (**)	Cdh	0.99	-			,			
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	6.45	-		
Degradation co-efficient (**)	Cdh	0.95	-						
Tj = bivalent temperature	Pdh	5.8	kW	Tj = bivalent temperature	COPd	3.02	-		
Tj = operation limit temperature	Pdh	4.4	kW	Tj = operation limit temperature (***)	COPd	1.45	-		
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-		
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°C		
Reference design conditions for space heating	Tdesignh	2	°C	Heating water operating limit temperature	WTOL	60	°C		
Power consumption in modes other	than activ	ve mode		Supplementary heater					
Off mode	$P_{OFF}$	0.015	kW	Rated heat output (*)	Psup	0.0	kW		
Thermostat-off mode	$P_{TO}$	0.015	kW						
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical			
Crankcase heater mode	Р <sub>ск</sub>	0.000	kW						
Other items									
Capacity control		variable		Rated air flow rate, outdoors	-	2070	m³/h		
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 60	dBA						
Annual energy consumption	$Q_{HE}$	2215	kWh						
For heat pump combination heater:			· · · · ·						
Declared load profile		XL		Water heating energy efficiency	ηwh	164	%		
Daily electricity consumption	Qelec	4.790	kWh		I				
Annual electricity consumption	AEC	1053	kWh						
Contact details MITSUBISHI ELECTRIC AIR CODITIC									

Model(s):	Outdoor unit:	SUZ-SWM60VA(-BS)
	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	6.0	kW	Seasonal space heating energy efficiency	ηs	133	%
Declared capacity for heating for part load at indoor				Declared coefficient of performance or	primary er	nergy ratio	for
temperature 20 °C and outdoor tem	perature T	j		part load at indoor temperature 20 °C a	and outdoo	or temperat	ure Tj
Tj = - 7 °C	Pdh	5.3	kW	Tj = - 7 °C	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.2	kW	Tj = + 2 °C	COPd	3.33	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.6	kW	Tj = + 7 °C	COPd	4.48	-
Degradation co-efficient (**)	Cdh	0.97	-		I		
Tj = +12 °C	Pdh	2.6	kW	Tj = +12 °C	COPd	6.34	-
Degradation co-efficient (**)	Cdh	0.96	-		I		
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	2.04	-
Tj = operation limit temperature	Pdh	4.4	kW	Tj = operation limit temperature (***)	COPd	1.45	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	-10	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other	than activ	ve mode		Supplementary heater			
Off mode	$P_{OFF}$	0.015	kW	Rated heat output (*)	Psup	0.9	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	Р <sub>ск</sub>	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2070	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 60	dBA				
Annual energy consumption	$Q_{HE}$	3612	kWh				
For heat pump combination heater:			· · · · · · · · · · · · · · · · · · ·	·			
Declared load profile	XL			Water heating energy efficiency	ηwh	128	%
Daily electricity consumption	Qelec	6.090	kWh				
Annual electricity consumption	AEC	1339	kWh				
Contact details MITSUBISHI ELECTRIC AIR CODITIC	NING SYS			Nettlehill Road, Houston Industrial Estate, Liv	vingston. EH	154 5EQ. Sci	otland. U.K

Model(s):	Outdoor unit:	SUZ-SWM60VA(-BS)
	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	6.6	kW	Seasonal space heating energy efficiency	ηs	187	%	
Declared capacity for heating for pa	art load at	indoor	<u> </u>	Declared coefficient of performance or	primary er	nergy ratio	for	
temperature 20 °C and outdoor tem	perature T	j		part load at indoor temperature 20 °C a	and outdoo	or temperat	ure Tj	
Tj = - 7 °C	Pdh	5.8	kW	Tj = - 7 °C	COPd	3.02	-	
Degradation co-efficient (**)	Cdh	0.99	-					
Tj = + 2 °C	Pdh	3.6	kW	Tj = + 2 °C	COPd	4.56	-	
Degradation co-efficient (**)	Cdh	0.98	-					
Tj = + 7 °C	Pdh	2.8	kW	Tj = + 7 °C	COPd	6.36	-	
Degradation co-efficient (**)	Cdh	0.97	-					
Tj = +12 °C	Pdh	2.6	kW	Tj = +12 °C	COPd	8.39	-	
Degradation co-efficient (**)	Cdh	0.95	-					
Tj = bivalent temperature	Pdh	5.8	kW	Tj = bivalent temperature	COPd	3.02	-	
Tj = operation limit temperature	Pdh	4.4	kW	Tj = operation limit temperature (***)	COPd	1.45	-	
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-	
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°C	
Reference design conditions for space heating	Tdesignh	-10	°C	Heating water operating limit temperature	WTOL	60	°C	
Power consumption in modes other	than activ	ve mode		Supplementary heater				
Off mode	$P_{OFF}$	0.015	kW	Rated heat output (*)	Psup	1.1	kW	
Thermostat-off mode	P <sub>TO</sub>	0.015	kW					
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical		
Crankcase heater mode	P <sub>CK</sub>	0.000	kW					
Other items								
Capacity control		variable		Rated air flow rate, outdoors	-	2070	m³/h	
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 60	dBA					
Annual energy consumption	Q <sub>HE</sub>	2845	kWh					
For heat pump combination heater:				·				
Declared load profile		XL		Water heating energy efficiency	ηwh	128	%	
Daily electricity consumption	Qelec	6.090	kWh					
Annual electricity consumption	AEC	1339	kWh					
Contact details MITSUBISHI ELECTRIC AIR CODITIC								

Model(s):	Outdoor unit:	SUZ-SWM60VA(-BS)
	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	4.1	kW	Seasonal space heating energy efficiency	ηs	109	%	
Declared capacity for heating for pa	art load at	indoor	<u> </u>	Declared coefficient of performance or primary energy ratio for				
temperature 20 °C and outdoor tem	perature T	j		part load at indoor temperature 20 °C a	and outdoo	or temperat	ure Tj	
Tj = - 7 °C	Pdh	2.8	kW	Tj = - 7 °C	COPd	2.41	-	
Degradation co-efficient (**)	Cdh	0.99	-					
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 2 °C	COPd	3.29	-	
Degradation co-efficient (**)	Cdh	0.98	-					
Tj = + 7 °C	Pdh	2.2	kW	Tj = + 7 °C	COPd	4.07	-	
Degradation co-efficient (**)	Cdh	0.97	-					
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	5.76	-	
Degradation co-efficient (**)	Cdh	0.96	-					
Tj = bivalent temperature	Pdh	3.9	kW	Tj = bivalent temperature	COPd	1.36	-	
Tj = operation limit temperature	Pdh	4.4	kW	Tj = operation limit temperature (***)	COPd	1.45	-	
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-	
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C	
Reference design conditions for space heating	Tdesignh	-22	°C	Heating water operating limit temperature	WTOL	60	°C	
Power consumption in modes other	than activ	ve mode		Supplementary heater				
Off mode	$P_{OFF}$	0.015	kW	Rated heat output (*)	Psup	4.1	kW	
Thermostat-off mode	$P_{TO}$	0.015	kW					
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical		
Crankcase heater mode	P <sub>CK</sub>	0.000	kW					
Other items			• • •					
Capacity control		variable		Rated air flow rate, outdoors	-	2070	m³/h	
Sound power level, indoors/outdoors	$L_{WA}$	41 / 60	dBA					
Annual energy consumption	$Q_{HE}$	3581	kWh					
For heat pump combination heater:			· · · · · · · · · · · · · · · · · · ·	·				
Declared load profile		XL		Water heating energy efficiency	ηwh	107	%	
Daily electricity consumption	Qelec	7.300	kWh			·		
Annual electricity consumption	AEC	1605	kWh					
Contact details MITSUBISHI ELECTRIC AIR CODITIC								

Model(s):	Outdoor unit:	SUZ-SWM60VA(-BS)
	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	4.5	kW	Seasonal space heating energy efficiency	ηs	148	%
Declared capacity for heating for pa	art load at	indoor		Declared coefficient of performance or	primary er	nergy ratio	for
temperature 20 °C and outdoor tem	perature T	j		part load at indoor temperature 20 °C a	and outdoo	or temperat	ure Tj
Tj = - 7 °C	Pdh	3.2	kW	Tj = - 7 °C	COPd	3.52	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	2.7	kW	Tj = + 2 °C	COPd	4.29	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.3	kW	Tj = + 7 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	6.90	-
Degradation co-efficient (**)	Cdh	0.95	-			J	
Tj = bivalent temperature	Pdh	4.3	kW	Tj = bivalent temperature	COPd	2.06	-
Tj = operation limit temperature	Pdh	4.3	kW	Tj = operation limit temperature (***)	COPd	2.06	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space	Tdesignh	-22	°C	Heating water operating limit	WTOL	60	°C
heating Power consumption in modes other	_			temperature Supplementary heater			
Off mode	P <sub>OFF</sub>	0.015	kW	Rated heat output (*)	Psup	4.5	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW		•		
Standby mode	P <sub>SB</sub>	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	Р <sub>ск</sub>	0.000	kW	i jpe ei eileigj inpai			
Other items	CK						
Capacity control		variable		Rated air flow rate, outdoors	_	2070	m <sup>3</sup> /h
Sound power level, indoors/outdoors	L	41 / 60	dBA				
Annual energy consumption	Q <sub>HE</sub>	2902	kWh				
For heat pump combination heater:	ļ						
Declared load profile		XL		Water heating energy efficiency	ηwh	107	%
				Trails nearing energy enderios	.1	107	70
Daily electricity consumption	Qelec	7.300	kWh				
Annual electricity consumption	AEC	1605	kWh				

Model(s):	Outdoor unit:	SUZ-SWM60VA(-BS)
	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	6.0	kW	Seasonal space heating energy efficiency	ηs	142	%
Declared capacity for heating for pa	art load at	indoor		Declared coefficient of performance or	primary er	nergy ratio	for
temperature 20 °C and outdoor tem	perature T	j		part load at indoor temperature 20 °C a	and outdoo	or temperat	ure Tj
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	6	kW	Tj = + 2 °C	COPd	1.87	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	2.87	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.96	-		I		
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	1.93	-
Tj = operation limit temperature	Pdh	4.4	kW	Tj = operation limit temperature (***)	COPd	1.45	-
Tj = − 15 °C (if TOL < − 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	2	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other	than activ	ve mode		Supplementary heater			
Off mode	$P_{OFF}$	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	$P_{TO}$	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2070	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 60	dBA				
Annual energy consumption	$Q_{HE}$	2215	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	164	%
Daily electricity consumption	Qelec	4.790	kWh				
Annual electricity consumption	AEC	1053	kWh				
Contact details	Contact details						
MITSUBISHI ELECTRIC AIR CODITIONING SYSTEM EUROPE LTD. Nettlehill Road, Houston Industrial Estate, Livingston, EH54 5EQ, Scotland, U.K.							

Model(s):	Outdoor unit:	SUZ-SWM60VA(-BS)
	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	6.6	kW	Seasonal space heating energy efficiency	ηs	198	%
Declared capacity for heating for pa	Declared coefficient of performance or primary energy ratio for						
temperature 20 °C and outdoor tem	perature T	j		part load at indoor temperature 20 °C a	ind outdoo	or tempera	ture Tj
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	6.6	kW	Tj = + 2 °C	COPd	3.32	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	4.2	kW	Tj = + 7 °C	COPd	4.08	-
Degradation co-efficient (**)	Cdh	0.99	-			<u></u>	I
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	6.45	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	5.8	kW	Tj = bivalent temperature	COPd	3.02	-
Tj = operation limit temperature	Pdh	4.4	kW	Tj = operation limit temperature (***)	COPd	1.45	-
Tj = − 15 °C (if TOL < − 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	2	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other	than activ	ve mode		Supplementary heater			
Off mode	$P_{OFF}$	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	Р <sub>ск</sub>	0.000	kW				
Other items			· · · · · ·				
Capacity control		variable		Rated air flow rate, outdoors	-	2070	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 60	dBA				
Annual energy consumption	$Q_{HE}$	2215	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	164	%
Daily electricity consumption	Qelec	4.790	kWh				•
Annual electricity consumption	AEC	1053	kWh				
Contact details MITSUBISHI ELECTRIC AIR CODITIONING SYSTEM EUROPE LTD. Nettlehill Road, Houston Industrial Estate, Livingston, EH54 5EQ, Scotland, U.K.							

Model(s):	Outdoor unit:	SUZ-SWM60VA(-BS)
	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	6.0	kW	Seasonal space heating energy efficiency	ηs	130	%
Declared capacity for heating for pa	i art load at	indoor	Declared coefficient of performance or primary energy ratio for				
temperature 20 °C and outdoor tem	perature T	j		part load at indoor temperature 20 °C a	and outdoo	or temperat	ture Tj
Tj = - 7 °C	Pdh	5.3	kW	Tj = - 7 °C	COPd	2.04	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.2	kW	Tj = + 2 °C	COPd	3.33	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.6	kW	Tj = + 7 °C	COPd	4.48	-
Degradation co-efficient (**)	Cdh	0.97	_				
Tj = +12 °C	Pdh	2.6	kW	Tj = +12 °C	COPd	6.34	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	2.04	-
Tj = operation limit temperature	Pdh	4.4	kW	Tj = operation limit temperature (***)	COPd	1.45	-
Tj = − 15 °C (if TOL < − 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	-10	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other	than activ	ve mode		Supplementary heater			
Off mode	$P_{OFF}$	0.015	kW	Rated heat output (*)	Psup	0.9	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	Р <sub>ск</sub>	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2070	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 60	dBA				
Annual energy consumption	$Q_{HE}$	3612	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	128	%
Daily electricity consumption	Qelec	6.090	kWh			L	I
Annual electricity consumption	AEC	1339	kWh				
Contact details MITSUBISHI ELECTRIC AIR CODITIONING SYSTEM EUROPE LTD. Nettlehill Road, Houston Industrial Estate, Livingston, EH54 5EQ, Scotland, U.K.							

Model(s):	Outdoor unit:	SUZ-SWM60VA(-BS)
	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.

Rated heat output (*)	Prated			Occasional anna a brating			
L		6.6	kW	Seasonal space heating energy efficiency	ηs	181	%
Declared capacity for heating for pa	Declared capacity for heating for part load at indoor				primary ei	nergy ratio	for
temperature 20 °C and outdoor tem	perature T	j		part load at indoor temperature 20 °C a	and outdoo	or temperat	ure Tj
Tj = - 7 °C	Pdh	5.8	kW	Tj = - 7 °C	COPd	3.02	-
Degradation co-efficient (**)	Cdh	0.99	-				_
Tj = + 2 °C	Pdh	3.6	kW	Tj = + 2 °C	COPd	4.56	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.8	kW	Tj = + 7 °C	COPd	6.36	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	2.6	kW	Tj = +12 °C	COPd	8.39	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	5.8	kW	Tj = bivalent temperature	COPd	3.02	-
Tj = operation limit temperature	Pdh	4.4	kW	Tj = operation limit temperature (***)	COPd	1.45	-
Tj = − 15 °C (if TOL < − 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	-10	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other	than activ	ve mode		Supplementary heater			
Off mode	$P_{OFF}$	0.015	kW	Rated heat output (*)	Psup	1.1	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	Р <sub>ск</sub>	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2070	m³/h
Sound power level, indoors/outdoors	$L_{WA}$	41 / 60	dBA				
Annual energy consumption	$Q_{HE}$	2845	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	128	%
Daily electricity consumption	Qelec	6.090	kWh				
Annual electricity consumption	AEC	1339	kWh				
Contact details MITSUBISHI ELECTRIC AIR CODITIONING SYSTEM EUROPE LTD. Nettlehill Road, Houston Industrial Estate, Livingston, EH54 5EQ, Scotland, U.K.							otland U.K

Model(s):	Outdoor unit:	SUZ-SWM60VA(-BS)
	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	4.1	kW	Seasonal space heating energy efficiency	ηs	106	%
Declared capacity for heating for pa	Declared coefficient of performance or primary energy ratio for						
temperature 20 °C and outdoor tem	perature T	j		part load at indoor temperature 20 °C a	and outdoo	or temperat	ture Tj
Tj = - 7 °C	Pdh	2.8	kW	Tj = - 7 °C	COPd	2.41	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 2 °C	COPd	3.29	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.2	kW	Tj = + 7 °C	COPd	4.07	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	5.76	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	3.9	kW	Tj = bivalent temperature	COPd	1.36	_
Tj = operation limit temperature	Pdh	4.4	kW	Tj = operation limit temperature (***)	COPd	1.45	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other	than activ	ve mode		Supplementary heater			
Off mode	$P_{OFF}$	0.015	kW	Rated heat output (*)	Psup	4.1	kW
Thermostat-off mode	$P_{TO}$	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2070	m³/h
Sound power level, indoors/outdoors	$L_{WA}$	41 / 60	dBA				
Annual energy consumption	$Q_{HE}$	3581	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	107	%
Daily electricity consumption	Qelec	7.300	kWh			·	I
Annual electricity consumption	AEC	1605	kWh				
Contact details MITSUBISHI ELECTRIC AIR CODITIONING SYSTEM EUROPE LTD. Nettlehill Road, Houston Industrial Estate, Livingston, EH54 5EQ, Scotland, U.K.							

Model(s):	Outdoor unit:	SUZ-SWM60VA(-BS)
	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	4.5	kW	Seasonal space heating energy efficiency	ηs	143	%
Declared capacity for heating for pa	art load at	indoor		Declared coefficient of performance or	primary e	nergy ratio	for
temperature 20 °C and outdoor tem	perature T	j		part load at indoor temperature 20 °C a	and outdoo	or temperat	ure Tj
Tj = - 7 °C	Pdh	3.2	kW	Tj = - 7 °C	COPd	3.52	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 2 °C	Pdh	2.7	kW	Tj = + 2 °C	COPd	4.29	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.3	kW	Tj = + 7 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	6.90	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	4.3	kW	Tj = bivalent temperature	COPd	2.06	-
Tj = operation limit temperature	Pdh	4.3	kW	Tj = operation limit temperature (***)	COPd	2.06	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-20	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other	than activ	ve mode		Supplementary heater		· · · ·	
Off mode	$P_{OFF}$	0.015	kW	Rated heat output (*)	Psup	4.5	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input		Electrical	
Crankcase heater mode	Р <sub>ск</sub>	0.000	kW				
Other items				· ·			
Capacity control		variable		Rated air flow rate, outdoors	-	2070	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 60	dBA				
Annual energy consumption	$Q_{HE}$	2902	kWh				
For heat pump combination heater:			; 				
Declared load profile		XL		Water heating energy efficiency	ηwh	107	%
Daily electricity consumption	Qelec	7.300	kWh				
Annual electricity consumption	AEC	1605	kWh				
Contact details			I				
MITSUBISHI ELECTRIC AIR CODITIONING SYSTEM EUROPE LTD. Nettlehill Road, Houston Industrial Estate, Livingston, EH54 5EQ, Scotland, U.K.							

Model(s):	Outdoor unit:	SUZ-SWM60VA(-BS)
	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	6.0	kW	Seasonal space heating energy efficiency	ηs	138	%
Declared capacity for heating for pa	art load at	indoor		Declared coefficient of performance or	primary er	nergy ratio	for
temperature 20 °C and outdoor temperature T j				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	6	kW	Tj = + 2 °C	COPd	1.87	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 7 °C	Pdh	3.9	kW	Tj = + 7 °C	COPd	2.87	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	1.9	kW	Tj = +12 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	1.93	-
Tj = operation limit temperature	Pdh	4.4	kW	Tj = operation limit temperature (***)	COPd	1.45	-
Tj = − 15 °C (if TOL < − 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	2	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	$P_{OFF}$	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	$P_{TO}$	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input	Electrical		
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2070	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 60	dBA				
Annual energy consumption	$Q_{HE}$	2215	kWh				
For heat pump combination heater:							
Declared load profile	XL			Water heating energy efficiency	ηwh	164	%
Daily electricity consumption	Qelec	4.790	kWh				I
Annual electricity consumption	AEC	1053	kWh				
Contact details					innets		
MITSUBISHI ELECTRIC AIR CODITIC			UPE LID.	Nettlehill Road, Houston Industrial Estate, Liv	vingston, EF	154 SEQ, SC	oliano, U.K.

Model(s):	Outdoor unit:	SUZ-SWM60VA(-BS)
	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	6.6	kW	Seasonal space heating energy efficiency	ηs	192	%
Declared capacity for heating for pa	Declared coefficient of performance or primary energy ratio for						
temperature 20 °C and outdoor temperature T j				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	6.6	kW	Tj = + 2 °C	COPd	3.32	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	4.2	kW	Tj = + 7 °C	COPd	4.08	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	6.45	-
Degradation co-efficient (**)	Cdh	0.95	-			L	
Tj = bivalent temperature	Pdh	5.8	kW	Tj = bivalent temperature	COPd	3.02	-
Tj = operation limit temperature	Pdh	4.4	kW	Tj = operation limit temperature (***)	COPd	1.45	-
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	-	kW	Tj = – 15 °C (if TOL < – 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-20	°C
Reference design conditions for space heating	Tdesignh	2	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater		-	
Off mode	$P_{OFF}$	0.015	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	$P_{SB}$	0.015	kW	Type of energy input	Electrical		
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				
Other items				•			
Capacity control		variable		Rated air flow rate, outdoors	-	2070	m³/h
Sound power level, indoors/outdoors	L <sub>WA</sub>	41 / 60	dBA				
Annual energy consumption	$Q_{HE}$	2215	kWh				
For heat pump combination heater:				·			
Declared load profile	XL			Water heating energy efficiency	ηwh	164	%
Daily electricity consumption	Qelec	4.790	kWh				I
Annual electricity consumption	AEC	1053	kWh				
Contact details MITSUBISHI ELECTRIC AIR CODITIC	NING SYS	TEM EUR	OPE LTD.	Nettlehill Road, Houston Industrial Estate, Liv	vingston, EF	154 5EQ, Sc	otland, U.K.