



# ENERG

енергия · ενεργεια

Y IJA  
IE IA



Indoor unit  
Outdoor unit

E\*SD-\*\*D  
SUZ-SWM80VA



55 °C

35 °C



A++

A+++



41 dB



62 dB

■ 04  
■ **07**  
■ 07  
kW

■ 05  
■ **07**  
■ 07  
kW



2019

811/2013

BH79N772H03

1	2	For medium-temperature application												For low-temperature application																													
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Outdoor unit	Indoor unit	Medium-temperature application	Seasonal space heating energy efficiency class	Water heating energy efficiency class	Rated heat output under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual electricity consumption under average climate conditions	Seasonal space heating energy efficiency under average climate conditions	Water heating energy efficiency under average climate conditions	Sound power level L <sub>WA,indoor</sub>	Work only during off-peak hours	Rated heat output under colder climate conditions	Rated heat output under warmer climate conditions	For space heating, annual energy consumption under colder climate conditions	For space heating, annual energy consumption under warmer climate conditions	For water heating, annual energy consumption under colder climate conditions	For water heating, annual energy consumption under warmer climate conditions	Seasonal space heating energy efficiency under warmer climate conditions	Seasonal space heating energy efficiency under colder climate conditions	Water heating energy efficiency under colder climate conditions	Water heating energy efficiency under warmer climate conditions	Sound power level L <sub>WA,outdoor</sub>	Low-temperature application	Seasonal space heating energy efficiency class	Water heating energy efficiency class	Rated heat output under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual electricity consumption under average climate conditions	Seasonal space heating energy efficiency under average climate conditions	Water heating energy efficiency under average climate conditions	Sound power level L <sub>WA,indoor</sub>	Work only during off-peak hours	Rated heat output under colder climate conditions	Rated heat output under warmer climate conditions	For space heating, annual energy consumption under colder climate conditions	For space heating, annual energy consumption under warmer climate conditions	For water heating, annual energy consumption under colder climate conditions	For water heating, annual energy consumption under warmer climate conditions	Seasonal space heating energy efficiency under warmer climate conditions	Seasonal space heating energy efficiency under colder climate conditions	Water heating energy efficiency under colder climate conditions	Water heating energy efficiency under warmer climate conditions	Sound power level L <sub>WA,outdoor</sub>
SUZ-SWM40VA	EHST17D-**D	✓	A++	A+	4.6	2788	722	129	148	41	-	3.5	4.6	3065	1503	900	641	105	155	119	167	58	✓	A+++	A+	5.1	2198	722	180	148	41	-	4.3	5.1	2770	1192	900	641	141	216	119	167	58
	ERST17D-**D	✓	A++	A+	4.6	2788	722	132	148	41	-	3.5	4.6	3065	1503	900	641	108	160	119	167	58	✓	A+++	A+	5.1	2198	722	187	148	41	-	4.3	5.1	2770	1192	900	641	145	225	119	167	58
	EHST20D-**D	✓	A++	A+	4.6	2788	675	129	159	41	-	3.5	4.6	3065	1503	823	621	105	155	130	173	58	✓	A+++	A+	5.1	2198	675	180	159	41	-	4.3	5.1	2770	1192	823	621	141	216	130	173	58
	ERST20D-**D	✓	A++	A+	4.6	2788	675	132	159	41	-	3.5	4.6	3065	1503	823	621	108	160	130	173	58	✓	A+++	A+	5.1	2198	675	187	159	41	-	4.3	5.1	2770	1192	823	621	145	225	130	173	58
	EHSD-**D	✓	A++	-	4.6	2788	-	129	-	41	-	3.5	4.6	3065	1503	-	-	105	155	-	-	58	✓	A+++	-	5.1	2198	-	180	-	41	-	4.3	5.1	2770	1192	-	-	141	216	-	-	58
	ERSD-**D	✓	A++	-	4.6	2788	-	132	-	41	-	3.5	4.6	3065	1503	-	-	108	160	-	-	58	✓	A+++	-	5.1	2198	-	187	-	41	-	4.3	5.1	2770	1192	-	-	145	225	-	-	58
SUZ-SWM60VA	EHST17D-**D	✓	A++	A+	6.0	3612	744	130	144	41	-	4.1	6.0	3581	2215	900	641	106	138	119	167	60	✓	A+++	A+	6.6	2845	744	181	144	41	-	4.5	6.6	2902	1755	900	641	143	192	119	167	60
	ERST17D-**D	✓	A++	A+	6.0	3612	744	133	144	41	-	4.1	6.0	3581	2215	900	641	109	142	119	167	60	✓	A+++	A+	6.6	2845	744	187	144	41	-	4.5	6.6	2902	1755	900	641	148	198	119	167	60
	EHST20D-**D	✓	A++	A+	6.0	3612	721	130	148	41	-	4.1	6.0	3581	2215	821	621	106	138	130	173	60	✓	A+++	A+	6.6	2845	721	181	148	41	-	4.5	6.6	2902	1755	821	621	143	192	130	173	60
	ERST20D-**D	✓	A++	A+	6.0	3612	721	133	148	41	-	4.1	6.0	3581	2215	821	621	109	142	130	173	60	✓	A+++	A+	6.6	2845	721	187	148	41	-	4.5	6.6	2902	1755	821	621	148	198	130	173	60
	EHSD-**D	✓	A++	-	6.0	3612	-	130	-	41	-	4.1	6.0	3581	2215	-	-	106	138	-	-	60	✓	A+++	-	6.6	2845	-	181	-	41	-	4.5	6.6	2902	1755	-	-	143	192	-	-	60
	ERSD-**D	✓	A++	-	6.0	3612	-	133	-	41	-	4.1	6.0	3581	2215	-	-	109	142	-	-	60	✓	A+++	-	6.6	2845	-	187	-	41	-	4.5	6.6	2902	1755	-	-	148	198	-	-	60
SUZ-SWM80VA	EHST17D-**D	✓	A++	A+	7.1	4268	744	131	144	41	-	4.4	7.1	3809	2688	900	641	106	135	119	167	62	✓	A+++	A+	7.1	3060	744	182	144	41	-	4.9	7.1	3120	1952	900	641	144	186	119	167	62
	ERST17D-**D	✓	A++	A+	7.1	4268	744	133	144	41	-	4.4	7.1	3809	2688	900	641	109	138	119	167	62	✓	A+++	A+	7.1	3060	744	187	144	41	-	4.9	7.1	3120	1952	900	641	148	191	119	167	62
	EHST20D-**D	✓	A++	A+	7.1	4268	721	131	148	41	-	4.4	7.1	3809	2688	821	621	106	135	130	173	62	✓	A+++	A+	7.1	3060	721	182	148	41	-	4.9	7.1	3120	1952	821	621	144	186	130	173	62
	ERST20D-**D	✓	A++	A+	7.1	4268	721	133	148	41	-	4.4	7.1	3809	2688	821	621	109	138	130	173	62	✓	A+++	A+	7.1	3060	721	187	148	41	-	4.9	7.1	3120	1952	821	621	148	191	130	173	62
	EHST30D-**D	✓	A++	A+	7.1	4268	1358	131	127	41	-	4.4	7.1	3809	2688	1605	1053	106	135	107	164	62	✓	A+++	A+	7.1	3060	1358	182	127	41	-	4.9	7.1	3120	1952	1605	1053	144	186	107	164	62
	ERST30D-**D	✓	A++	A+	7.1	4268	1358	133	127	41	-	4.4	7.1	3809	2688	1605	1053	109	138	107	164	62	✓	A+++	A+	7.1	3060	1358	187	127	41	-	4.9	7.1	3120	1952	1605	1053	148	191	107	164	62
	EHSD-**D	✓	A++	-	7.1	4268	-	131	-	41	-	4.4	7.1	3809	2688	-	-	106	135	-	-	62	✓	A+++	-	7.1	3060	-	182	-	41	-	4.9	7.1	3120	1952	-	-	144	186	-	-	62
	ERSD-**D	✓	A++	-	7.1	4268	-	133	-	41	-	4.4	7.1	3809	2688	-	-	109	138	-	-	62	✓	A+++	-	7.1	3060	-	187	-	41	-	4.9	7.1	3120	1952	-	-	148	191	-	-	62

	English	Deutsch	Français	Italiano	Español
	Nederlands	Nederlands	Português	Português	EA/Amúnd
	suomi	Svenska	Български	Polski	
	Outdoor unit	Außengerät	unité extérieure	unità esterna	unidad exterior
	1 Indoor unit	Innenstrahlgerät	Устройство	unidad exterior	Единица външна
	Indoor unit	Indoorstrahlgerät	unité intérieure	unità interna	unidad interior
	2 Inherent unit	Innenbaueinheit	Идеинна единица	unidad inherente	Единица вътрешна
	Sisällykkyys	Virtuelli julkaisu	Виртуелно тиражи	репродукция шрифтов	
	Medium-temperature application	Mitteltemperaturanwendung	Application à moyenne température	la aplicación a media temperatura	la aplicación de media temperatura
	3 Intermediate-pressure application	Intermediate-pressure application	Application à basse température	a aplicação a baixa temperatura	la aplicación de baja temperatura
	Keskilämpötilan sovellus	Srednetemperaturanwendung	Application à basse température	la aplicación a bassa temperatura	la aplicación de baja temperatura
	Low-temperature application	Niedertemperaturanwendung	Application à très basse température	a aplicação a baixa temperatura	la aplicación de muy baja temperatura
	4 Lagertemperaturanwendung	Lagertemperaturanwendung	Application à très basse température	la aplicación a muy baja temperatura	la aplicación de muy baja temperatura
	maatalouskäytön sovellus	niiskokäytön sovellus	Application à très basse température	la aplicación a muy baja temperatura	la aplicación de muy baja temperatura
	Seasonal space heating energy efficiency class	die Klasse für die jahreszeitbedingte Raumheizungs-Energieeffizienz	la classe d'efficacité énergétique saisonnière pour le chauffage des locaux	la classe de eficiencia energética de acondicionamiento ambiente	la clase de eficiencia energética de calefacción
	7 de seizoenafhankelijke energie-efficiëntieklasse voor ruimteverwarming	de seizoenafhankelijke energie-efficiëntieklasse voor ruimteverwarming	la classe d'efficacité énergétique saisonnière pour le chauffage des locaux	la classe de eficiencia energética de acondicionamiento ambiente	la clase de eficiencia energética de calefacción
	Halimittiyksen kausittainen energiataloudsluokka	Halimittiyksen kausittainen energiataloudsluokka	la classe d'efficacité énergétique saisonnière pour le chauffage des locaux	la classe de eficiencia energética de acondicionamiento ambiente	la clase de eficiencia energética de calefacción
	Water heating energy efficiency class	die Klasse für die Warmwasserbereitungs-Energieeffizienz	la classe d'efficacité énergétique pour le chauffage de l'eau	la classe de eficiencia energética de agua	la clase de eficiencia energética del agua
	6 de energie-eficiëntieklasse voor waterverwarming	die Klasse für die jahreszeitbedingte Raumheizungs-Energieeffizienz	la classe d'efficacité énergétique pour le chauffage de l'eau	la classe de eficiencia energética de agua	la clase de eficiencia energética del agua
	vedenlämmityksen energiataloudsluokka	die Klasse für die jahreszeitbedingte Raumheizungs-Energieeffizienz	la classe d'efficacité énergétique pour le chauffage de l'eau	la classe de eficiencia energética de agua	la clase de eficiencia energética del agua
	Rated heat output under average climate conditions	den nominelle värmevärdet (under genomsnittliga klimatförhållanden)	den nominelle värmevärdet (under genomsnittliga klimatförhållanden)	la potencia térmica nominal (en condiciones climáticas medias)	la potencia calorífica nominal (en condiciones climáticas medias)
	7 de nominale värmeeffekt (under genomsnittliga klimatförhållanden)	den nominelle värmevärdet (under genomsnittliga klimatförhållanden)	den nominelle värmevärdet (under genomsnittliga klimatförhållanden)	la potencia térmica nominal (en condiciones climáticas medias)	la potencia calorífica nominal (en condiciones climáticas medias)
	Halimittiyksen kausittainen energiataloudsluokka	Halimittiyksen kausittainen energiataloudsluokka	den nominelle värmevärdet (under genomsnittliga klimatförhållanden)	la potencia térmica nominal (en condiciones climáticas medias)	la potencia calorífica nominal (en condiciones climáticas medias)
	For space heating, annual energy consumption under average climate conditions	For space heating, annual energy consumption under average climate conditions	pour le chauffage des locaux	para el acondicionamiento de ambientes	para el acondicionamiento de ambientes
	8 voor ruimteverwarming, het jaarlijkse energieverbruik (onder gemiddelde klimaatomstandigheden)	For space heating, annual energy consumption under average climate conditions	pour le chauffage des locaux	para el acondicionamiento de ambientes	para el acondicionamiento de ambientes
	Halimittiyksen kausittainen energiataloudsluokka	Halimittiyksen kausittainen energiataloudsluokka	pour le chauffage des locaux	para el acondicionamiento de ambientes	para el acondicionamiento de ambientes
	For water heating, annual electricity consumption under average climate conditions	For water heating, annual electricity consumption under average climate conditions	pour le chauffage de l'eau	para el acondicionamiento de agua	para el acondicionamiento de agua
	9 voor waterverwarming, het jaarlijkse elektriciteitsverbruik (onder gemiddelde klimaatomstandigheden)	For water heating, annual electricity consumption under average climate conditions	pour le chauffage de l'eau	para el acondicionamiento de agua	para el acondicionamiento de agua
	Halimittiyksen kausittainen energiataloudsluokka	Halimittiyksen kausittainen energiataloudsluokka	pour le chauffage de l'eau	para el acondicionamiento de agua	para el acondicionamiento de agua
	Water heating energy efficiency under average climate conditions	Water heating energy efficiency under average climate conditions	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua
	11 de energie-efficiëntie voor waterverwarming (onder gemiddelde klimaatomstandigheden)	Water heating energy efficiency under average climate conditions	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua
	Halimittiyksen energiataloudsluokka (keskimääräisissä ilmastotilastoissa)	Halimittiyksen energiataloudsluokka (keskimääräisissä ilmastotilastoissa)	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua
	Sound power level L <sub>w</sub> , indoor	Sound power level L <sub>w</sub> , indoor	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua
	12 het geluidstermopotentiaal L <sub>w</sub> , binnen	het geluidstermopotentiaal L <sub>w</sub> , binnen	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua
	äänitehollisuus L <sub>w</sub> , sisällä	äänitehollisuus L <sub>w</sub> , sisällä	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua
	Work output of Free-kilowatt hours	Werken ultiend in de daluren	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua
	13 koostuu ulkupuolella käytettävien kilowattituntien määrästä	koostuu ulkupuolella käytettävien kilowattituntien määrästä	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua
	Rated heat output under colder climate conditions	Rated heat output under colder climate conditions	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua
	14 de nominale värmeeffekt, onder kouder klimaatomstandigheden	de nominale värmeeffekt, onder kouder klimaatomstandigheden	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua
	Halimittiyksen kausittainen energiataloudsluokka	Halimittiyksen kausittainen energiataloudsluokka	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua
	Rated heat output under warmer climate conditions	Rated heat output under warmer climate conditions	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua
	15 de nominale värmeeffekt, onder warmer klimaatomstandigheden	de nominale värmeeffekt, onder warmer klimaatomstandigheden	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua
	Halimittiyksen energiataloudsluokka (keskimääräisissä ilmastotilastoissa)	Halimittiyksen energiataloudsluokka (keskimääräisissä ilmastotilastoissa)	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua
	For space heating, annual energy consumption under colder climate conditions	For space heating, annual energy consumption under colder climate conditions	pour le chauffage des locaux	para el acondicionamiento de ambientes	para el acondicionamiento de ambientes
	16 voor ruimteverwarming, het jaarlijkse energieverbruik onder kouder klimaatomstandigheden	For space heating, annual energy consumption under warmer climate conditions	pour le chauffage des locaux	para el acondicionamiento de ambientes	para el acondicionamiento de ambientes
	Halimittiyksen vuotuinen energiataloudsluokka	Halimittiyksen vuotuinen energiataloudsluokka	pour le chauffage des locaux	para el acondicionamiento de ambientes	para el acondicionamiento de ambientes
	For space heating, annual energy consumption under warmer climate conditions	For space heating, annual energy consumption under warmer climate conditions	pour le chauffage des locaux	para el acondicionamiento de ambientes	para el acondicionamiento de ambientes
	17 voor ruimteverwarming, het jaarlijkse energieverbruik onder warmer klimaatomstandigheden	For space heating, annual energy consumption under warmer climate conditions	pour le chauffage des locaux	para el acondicionamiento de ambientes	para el acondicionamiento de ambientes
	Halimittiyksen vuotuinen energiataloudsluokka	Halimittiyksen vuotuinen energiataloudsluokka	pour le chauffage des locaux	para el acondicionamiento de ambientes	para el acondicionamiento de ambientes
	For water heating, annual energy consumption under colder climate conditions	For water heating, annual energy consumption under colder climate conditions	pour le chauffage de l'eau	para el acondicionamiento de agua	para el acondicionamiento de agua
	18 voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder kouder klimaatomstandigheden	For water heating, annual electricity consumption under colder climate conditions	pour le chauffage de l'eau	para el acondicionamiento de agua	para el acondicionamiento de agua
	Halimittiyksen kausittainen energiataloudsluokka	Halimittiyksen kausittainen energiataloudsluokka	pour le chauffage de l'eau	para el acondicionamiento de agua	para el acondicionamiento de agua
	vedenlämmityksen vuotuinen sähkökulutus (keskimääräisissä ilmastotilastoissa)	Halimittiyksen kausittainen energiataloudsluokka	pour le chauffage de l'eau	para el acondicionamiento de agua	para el acondicionamiento de agua
	19 voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder warmer klimaatomstandigheden	For water heating, annual electricity consumption under warmer climate conditions	pour le chauffage de l'eau	para el acondicionamiento de agua	para el acondicionamiento de agua
	Halimittiyksen kausittainen energiataloudsluokka	Halimittiyksen kausittainen energiataloudsluokka	pour le chauffage de l'eau	para el acondicionamiento de agua	para el acondicionamiento de agua
	Seasonal space heating energy efficiency under colder climate conditions	Seasonal space heating energy efficiency under colder climate conditions	pour le chauffage des locaux	para el acondicionamiento de ambientes	para el acondicionamiento de ambientes
	20 de seizoenafhankelijke energie-efficiëntie voor ruimteverwarming onder kouder klimaatomstandigheden	Seasonal space heating energy efficiency under warmer climate conditions	pour le chauffage des locaux	para el acondicionamiento de ambientes	para el acondicionamiento de ambientes
	Halimittiyksen kausittainen energiataloudsluokka	Halimittiyksen kausittainen energiataloudsluokka	pour le chauffage des locaux	para el acondicionamiento de ambientes	para el acondicionamiento de ambientes
	Seasonal space heating energy efficiency under warmer climate conditions	Seasonal space heating energy efficiency under warmer climate conditions	pour le chauffage des locaux	para el acondicionamiento de ambientes	para el acondicionamiento de ambientes
	21 de seizoenafhankelijke energie-efficiëntie voor ruimteverwarming onder warmer klimaatomstandigheden	Halimittiyksen kausittainen energiataloudsluokka	pour le chauffage des locaux	para el acondicionamiento de ambientes	para el acondicionamiento de ambientes
	Halimittiyksen kausittainen energiataloudsluokka	Halimittiyksen kausittainen energiataloudsluokka	pour le chauffage des locaux	para el acondicionamiento de ambientes	para el acondicionamiento de ambientes
	Water heating energy efficiency under colder climate conditions	Water heating energy efficiency under colder climate conditions	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua
	22 de energie-efficiëntie voor waterverwarming onder kouder klimaatomstandigheden	Water heating energy efficiency under warmer climate conditions	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua
	Halimittiyksen energiataloudsluokka (keskimääräisissä ilmastotilastoissa)	Halimittiyksen energiataloudsluokka (keskimääräisissä ilmastotilastoissa)	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua
	Water heating energy efficiency under warmer climate conditions	Water heating energy efficiency under warmer climate conditions	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua
	23 de energie-efficiëntie voor waterverwarming onder warmer klimaatomstandigheden	Halimittiyksen energiataloudsluokka	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua
	Halimittiyksen energiataloudsluokka	Halimittiyksen energiataloudsluokka	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua
	Sound power level L <sub>w</sub> , outdoor	Sound power level L <sub>w</sub> , outdoor	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua
	24 het geluidstermopotentiaal L <sub>w</sub> , buiten	het geluidstermopotentiaal L <sub>w</sub> , buiten	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua
	äänitehollisuus L <sub>w</sub> , ulkona	äänitehollisuus L <sub>w</sub> , ulkona	l'efficacité énergétique pour le chauffage de l'eau	la eficiencia energética de agua	la eficiencia energética del agua

Model(s):	Outdoor unit:	SUZ-SWM80VA
	Indoor unit:	EHSD-**D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	$\eta_s$	131	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.3	kW	Tj = - 7 °C	COPd	2.06	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 2 °C	COPd	3.39	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	2.5	kW	Tj = + 7 °C	COPd	4.24	-
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	6.3	kW	Tj = bivalent temperature	COPd	2.06	-
Tj = operation limit temperature	Pdh	4.8	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
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P <sub>OFF</sub>	0.015	kW	Rated heat output (*)	P <sub>sup</sub>	1.1	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	P <sub>SB</sub>	0.015	kW	Type of energy input			
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				

Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L <sub>WA</sub>	41/62	dB(A)
Annual energy consumption	Q <sub>HE</sub>	4268	kWh
Rated air flow rate, outdoors		2184	m <sup>3</sup> /h

For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Q <sub>elec</sub>	-	kWh
Annual electricity consumption	AEC	-	kWh
Water heating energy efficiency	$\eta_{wh}$	-	%

#### Contact details

MITSUBISHI ELECTRIC AIR CODITIONING SYSTEM EUROPE LTD Nettlehill Road, Houston Industrial Estate, Livingston, EH54 5EQ, Scotland, U.K.

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

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

Model(s):	Outdoor unit:	SUZ-SWM80VA
	Indoor unit:	EHSD-**D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	$\eta_s$	182	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> = - 7 °C	P <sub>dh</sub>	6.3	kW	T <sub>j</sub> = - 7 °C	COP <sub>d</sub>	3.00	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.99	-				
T <sub>j</sub> = + 2 °C	P <sub>dh</sub>	3.8	kW	T <sub>j</sub> = + 2 °C	COP <sub>d</sub>	4.63	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.98	-				
T <sub>j</sub> = + 7 °C	P <sub>dh</sub>	2.7	kW	T <sub>j</sub> = + 7 °C	COP <sub>d</sub>	6.14	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.96	-				
T <sub>j</sub> = +12 °C	P <sub>dh</sub>	2.6	kW	T <sub>j</sub> = +12 °C	COP <sub>d</sub>	8.39	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.95	-				
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub>	6.3	kW	T <sub>j</sub> = bivalent temperature	COP <sub>d</sub>	3.00	-
T <sub>j</sub> = operation limit temperature	P <sub>dh</sub>	4.8	kW	T <sub>j</sub> = operation limit temperature	COP <sub>d</sub>	1.45	-
T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)	P <sub>dh</sub>	-	kW	T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)	COP <sub>d</sub>	-	-
Bivalent temperature	T <sub>biv</sub>	-7	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P <sub>OFF</sub>	0.015	kW	Rated heat output (*)	P <sub>sup</sub>	1.1	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	P <sub>SB</sub>	0.015	kW	Type of energy input			
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				

Other items				Rated air flow rate, outdoors	-	2184	m <sup>3</sup> /h
Capacity control		variable					
Sound power level, indoors/outdoors	L <sub>WA</sub>	41/62	dB(A)				
Annual energy consumption	Q <sub>HE</sub>	3060	kWh				

For heat pump combination heater:				Water heating energy efficiency	$\eta_{wh}$	-	%
Declared load profile		-					
Daily electricity consumption	Q <sub>elec</sub>	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

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

Model(s):	Outdoor unit:	SUZ-SWM80VA
	Indoor unit:	EHSD-**D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.4	kW	Seasonal space heating energy efficiency	$\eta_s$	106	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> = - 7 °C	P <sub>dh</sub>	2.8	kW	T <sub>j</sub> = - 7 °C	COP <sub>d</sub>	2.41	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.98	-				
T <sub>j</sub> = + 2 °C	P <sub>dh</sub>	2.5	kW	T <sub>j</sub> = + 2 °C	COP <sub>d</sub>	3.29	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.98	-				
T <sub>j</sub> = + 7 °C	P <sub>dh</sub>	2.2	kW	T <sub>j</sub> = + 7 °C	COP <sub>d</sub>	4.07	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.97	-				
T <sub>j</sub> = +12 °C	P <sub>dh</sub>	1.9	kW	T <sub>j</sub> = +12 °C	COP <sub>d</sub>	5.76	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.95	-				
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub>	4.2	kW	T <sub>j</sub> = bivalent temperature	COP <sub>d</sub>	1.38	-
T <sub>j</sub> = operation limit temperature	P <sub>dh</sub>	4.8	kW	T <sub>j</sub> = operation limit temperature	COP <sub>d</sub>	1.45	-
T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)	P <sub>dh</sub>	-	kW	T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)	COP <sub>d</sub>	-	-
Bivalent temperature	T <sub>biv</sub>	-20	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P <sub>OFF</sub>	0.015	kW	Rated heat output (*)	P <sub>sup</sub>	4.4	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	P <sub>SB</sub>	0.015	kW	Type of energy input			
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control		variable		-	2184	m <sup>3</sup> /h	
Sound power level, indoors/outdoors	L <sub>WA</sub>	41/62	dB(A)				
Annual energy consumption	Q <sub>HE</sub>	3809	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile		-		$\eta_{wh}$	-	%	
Daily electricity consumption	Q <sub>elec</sub>	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

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

Model(s):	Outdoor unit:	SUZ-SWM80VA
	Indoor unit:	EHSD-**D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.9	kW	Seasonal space heating energy efficiency	$\eta_s$	144	%
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	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	0.97	-				
Tj = + 7 °C	Pdh	2.3	kW	Tj = + 7 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	6.90	-
Degradation co-efficient (**)	Cdh	0.94	-				
Tj = bivalent temperature	Pdh	4.6	kW	Tj = bivalent temperature	COPd	2.05	-
Tj = operation limit temperature	Pdh	4.6	kW	Tj = operation limit temperature	COPd	2.05	-
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
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P <sub>OFF</sub>	0.015	kW	Rated heat output (*)	P <sub>sup</sub>	4.9	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	P <sub>SB</sub>	0.015	kW	Type of energy input			
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				

Other items				Rated air flow rate, outdoors	-	2184	m <sup>3</sup> /h
Capacity control		variable					
Sound power level, indoors/outdoors	L <sub>WA</sub>	41/62	dB(A)				
Annual energy consumption	Q <sub>HE</sub>	3120	kWh				

For heat pump combination heater:				Water heating energy efficiency	$\eta_{wh}$	-	%
Declared load profile		-					
Daily electricity consumption	Q <sub>elec</sub>	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

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

Model(s):	Outdoor unit:	SUZ-SWM80VA
	Indoor unit:	EHSD-**D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	$\eta_s$	135	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	7.1	kW	Tj = + 2 °C	COPd	1.76	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	4.6	kW	Tj = + 7 °C	COPd	2.74	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	6.3	kW	Tj = bivalent temperature	COPd	1.96	-
Tj = operation limit temperature	Pdh	4.8	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
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P <sub>OFF</sub>	0.015	kW	Rated heat output (*)	P <sub>sup</sub>	0.0	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	P <sub>SB</sub>	0.015	kW	Type of energy input			
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				

Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L <sub>WA</sub>	41/62	dB(A)
Annual energy consumption	Q <sub>HE</sub>	2688	kWh
Rated air flow rate, outdoors		2184	m <sup>3</sup> /h

For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Q <sub>elec</sub>	-	kWh
Annual electricity consumption	AEC	-	kWh
Water heating energy efficiency	$\eta_{wh}$	-	%

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

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



Model(s):	Outdoor unit:	SUZ-SWM80VA
	Indoor unit:	EHSD-**D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	$\eta_s$	186	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> = - 7 °C	P <sub>dh</sub>	-	kW	T <sub>j</sub> = - 7 °C	COP <sub>d</sub>	-	-
Degradation co-efficient (**)	C <sub>dh</sub>	-	-				
T <sub>j</sub> = + 2 °C	P <sub>dh</sub>	7.2	kW	T <sub>j</sub> = + 2 °C	COP <sub>d</sub>	3.21	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.99	-				
T <sub>j</sub> = + 7 °C	P <sub>dh</sub>	4.6	kW	T <sub>j</sub> = + 7 °C	COP <sub>d</sub>	3.93	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.98	-				
T <sub>j</sub> = +12 °C	P <sub>dh</sub>	2.0	kW	T <sub>j</sub> = +12 °C	COP <sub>d</sub>	6.25	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.95	-				
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub>	6.3	kW	T <sub>j</sub> = bivalent temperature	COP <sub>d</sub>	3.00	-
T <sub>j</sub> = operation limit temperature	P <sub>dh</sub>	4.8	kW	T <sub>j</sub> = operation limit temperature	COP <sub>d</sub>	1.45	-
T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)	P <sub>dh</sub>	-	kW	T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)	COP <sub>d</sub>	-	-
Bivalent temperature	T <sub>biv</sub>	-7	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P <sub>OFF</sub>	0.015	kW	Rated heat output (*)	P <sub>sup</sub>	0.0	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	P <sub>SB</sub>	0.015	kW	Type of energy input			
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control		variable		-	2184	m <sup>3</sup> /h	
Sound power level, indoors/outdoors	L <sub>WA</sub>	41/62	dB(A)				
Annual energy consumption	Q <sub>HE</sub>	1952	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile		-		$\eta_{wh}$	-	%	
Daily electricity consumption	Q <sub>elec</sub>	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

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

Model(s):	Outdoor unit:	SUZ-SWM80VA
	Indoor unit:	ERSD-**D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	$\eta_s$	133	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> = - 7 °C	P <sub>dh</sub>	6.3	kW	T <sub>j</sub> = - 7 °C	COP <sub>d</sub>	2.06	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.99	-				
T <sub>j</sub> = + 2 °C	P <sub>dh</sub>	3.8	kW	T <sub>j</sub> = + 2 °C	COP <sub>d</sub>	3.39	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.98	-				
T <sub>j</sub> = + 7 °C	P <sub>dh</sub>	2.5	kW	T <sub>j</sub> = + 7 °C	COP <sub>d</sub>	4.24	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.97	-				
T <sub>j</sub> = +12 °C	P <sub>dh</sub>	2.6	kW	T <sub>j</sub> = +12 °C	COP <sub>d</sub>	6.34	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.96	-				
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub>	6.3	kW	T <sub>j</sub> = bivalent temperature	COP <sub>d</sub>	2.06	-
T <sub>j</sub> = operation limit temperature	P <sub>dh</sub>	4.8	kW	T <sub>j</sub> = operation limit temperature	COP <sub>d</sub>	1.45	-
T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)	P <sub>dh</sub>	-	kW	T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)	COP <sub>d</sub>	-	-
Bivalent temperature	T <sub>biv</sub>	-7	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P <sub>OFF</sub>	0.015	kW	Rated heat output (*)	P <sub>sup</sub>	1.1	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	P <sub>SB</sub>	0.015	kW	Type of energy input			
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				

Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L <sub>WA</sub>	41/62	dB(A)
Annual energy consumption	Q <sub>HE</sub>	4268	kWh
Rated air flow rate, outdoors		2184	m <sup>3</sup> /h

For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Q <sub>elec</sub>	-	kW/h
Annual electricity consumption	AEC	-	kW/h
Water heating energy efficiency	$\eta_{wh}$	-	%

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(\*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating P<sub>designh</sub>, and the rated heat output of a supplementary heater P<sub>sup</sub> is equal to the supplementary capacity for heating sup(T<sub>j</sub>).

(\*\*) If C<sub>dh</sub> is not determined by measurement then the default degradation coefficient is C<sub>dh</sub> = 0,9.

Model(s):	Outdoor unit:	SUZ-SWM80VA
	Indoor unit:	ERSD-**D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	$\eta_s$	187	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> = - 7 °C	P <sub>dh</sub>	6.3	kW	T <sub>j</sub> = - 7 °C	COP <sub>d</sub>	3.00	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.99	-				
T <sub>j</sub> = + 2 °C	P <sub>dh</sub>	3.8	kW	T <sub>j</sub> = + 2 °C	COP <sub>d</sub>	4.63	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.98	-				
T <sub>j</sub> = + 7 °C	P <sub>dh</sub>	2.7	kW	T <sub>j</sub> = + 7 °C	COP <sub>d</sub>	6.14	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.96	-				
T <sub>j</sub> = +12 °C	P <sub>dh</sub>	2.6	kW	T <sub>j</sub> = +12 °C	COP <sub>d</sub>	8.39	-
Degradation co-efficient (**)	C <sub>dh</sub>	0.95	-				
T <sub>j</sub> = bivalent temperature	P <sub>dh</sub>	6.3	kW	T <sub>j</sub> = bivalent temperature	COP <sub>d</sub>	3.00	-
T <sub>j</sub> = operation limit temperature	P <sub>dh</sub>	4.8	kW	T <sub>j</sub> = operation limit temperature	COP <sub>d</sub>	1.45	-
T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)	P <sub>dh</sub>	-	kW	T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)	COP <sub>d</sub>	-	-
Bivalent temperature	T <sub>biv</sub>	-7	°C	Operation limit temperature	TOL	-20	°C
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P <sub>OFF</sub>	0.015	kW	Rated heat output (*)	P <sub>sup</sub>	1.1	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	P <sub>SB</sub>	0.015	kW	Type of energy input			
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				

Other items				Rated air flow rate, outdoors			
Capacity control		variable		-	2184	m <sup>3</sup> /h	
Sound power level, indoors/outdoors	L <sub>WA</sub>	41/62	dB(A)				
Annual energy consumption	Q <sub>HE</sub>	3060	kWh				

For heat pump combination heater:				Water heating energy efficiency			
Declared load profile		-		$\eta_{wh}$	-	%	
Daily electricity consumption	Q <sub>elec</sub>	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

Contact details

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

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

Model(s):	Outdoor unit:	SUZ-SWM80VA
	Indoor unit:	ERSD-**D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.4	kW	Seasonal space heating energy efficiency	$\eta_s$	109	%
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	2.8	kW	Tj = - 7 °C	COPd	2.41	-
Degradation co-efficient (**)	Cdh	0.98	-				
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	0.95	-				
Tj = bivalent temperature	Pdh	4.2	kW	Tj = bivalent temperature	COPd	1.38	-
Tj = operation limit temperature	Pdh	4.8	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
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P <sub>OFF</sub>	0.015	kW	Rated heat output (*)	P <sub>sup</sub>	4.4	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	P <sub>SB</sub>	0.015	kW	Type of energy input			
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				

Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2184	m <sup>3</sup> /h
Sound power level, indoors/outdoors	L <sub>WA</sub>	41/62	dB(A)				
Annual energy consumption	Q <sub>HE</sub>	3809	kWh				

For heat pump combination heater:							
Declared load profile		-		Water heating energy efficiency	$\eta_{wh}$	-	%
Daily electricity consumption	Q <sub>elec</sub>	-	kW/h				
Annual electricity consumption	AEC	-	kW/h				

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

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

Model(s):	Outdoor unit:	SUZ-SWM80VA
	Indoor unit:	ERSD-**D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.9	kW	Seasonal space heating energy efficiency	$\eta_s$	148	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	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	0.97	-				
Tj = + 7 °C	Pdh	2.3	kW	Tj = + 7 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	6.90	-
Degradation co-efficient (**)	Cdh	0.94	-				
Tj = bivalent temperature	Pdh	4.6	kW	Tj = bivalent temperature	COPd	2.05	-
Tj = operation limit temperature	Pdh	4.6	kW	Tj = operation limit temperature	COPd	2.05	-
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
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P <sub>OFF</sub>	0.015	kW	Rated heat output (*)	P <sub>sup</sub>	4.9	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	P <sub>SB</sub>	0.015	kW	Type of energy input			
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				

Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L <sub>WA</sub>	41/62	dB(A)
Annual energy consumption	Q <sub>HE</sub>	3120	kWh
Rated air flow rate, outdoors		2184	m <sup>3</sup> /h

For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Q <sub>elec</sub>	-	kW/h
Annual electricity consumption	AEC	-	kW/h
Water heating energy efficiency	$\eta_{wh}$	-	%

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

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

Model(s):	Outdoor unit:	SUZ-SWM80VA
	Indoor unit:	ERSD-**D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	$\eta_s$	138	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	7.1	kW	Tj = + 2 °C	COPd	1.76	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	4.6	kW	Tj = + 7 °C	COPd	2.74	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	5.00	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	6.3	kW	Tj = bivalent temperature	COPd	1.96	-
Tj = operation limit temperature	Pdh	4.8	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
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P <sub>OFF</sub>	0.015	kW	Rated heat output (*)	P <sub>sup</sub>	0.0	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	P <sub>SB</sub>	0.015	kW	Type of energy input			
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				

Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L <sub>WA</sub>	41/62	dB(A)
Annual energy consumption	Q <sub>HE</sub>	2688	kWh
Rated air flow rate, outdoors		2184	m <sup>3</sup> /h

For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Q <sub>elec</sub>	-	kWh
Annual electricity consumption	AEC	-	kWh
Water heating energy efficiency	$\eta_{wh}$	-	%

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

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

Model(s):	Outdoor unit:	SUZ-SWM80VA
	Indoor unit:	ERSD-**D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	$\eta_s$	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	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	7.2	kW	Tj = + 2 °C	COPd	3.21	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = + 7 °C	Pdh	4.6	kW	Tj = + 7 °C	COPd	3.93	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	2.0	kW	Tj = +12 °C	COPd	6.25	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	6.3	kW	Tj = bivalent temperature	COPd	3.00	-
Tj = operation limit temperature	Pdh	4.8	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
				Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P <sub>OFF</sub>	0.015	kW	Rated heat output (*)	P <sub>sup</sub>	0.0	kW
Thermostat-off mode	P <sub>TO</sub>	0.015	kW				
Standby mode	P <sub>SB</sub>	0.015	kW	Type of energy input			
Crankcase heater mode	P <sub>CK</sub>	0.000	kW				

Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L <sub>WA</sub>	41/62	dB(A)
Annual energy consumption	Q <sub>HE</sub>	1952	kWh
Rated air flow rate, outdoors		2184	m <sup>3</sup> /h

For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Q <sub>elec</sub>	-	kWh
Annual electricity consumption	AEC	-	kWh
Water heating energy efficiency	$\eta_{wh}$	-	%

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