



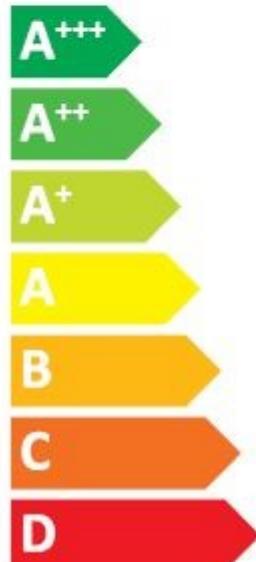
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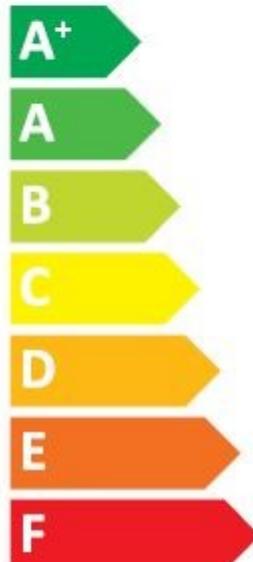
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Indoor unit
Outdoor unit

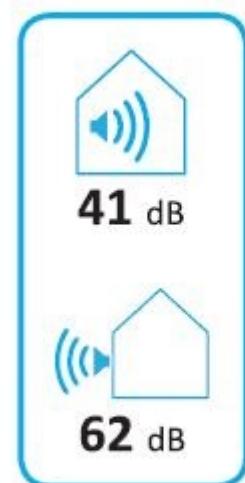
E*ST17/20D-**D
SUZ-SWM80VA



A++



A+



2019

811/2013

BH79N773H03

1	2	Outdoor unit	Indoor unit	For medium-temperature application.												For low-temperature application.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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English	Deutsch	Français	Italiano	Español
Netherlands	Svenska	Cesina	Portuguese	Espanhol
Outdoor unit	Autogenrät	Unidad exterior	Dansk	-
butternut	Utomhusenhet	unità esterna	Polski	-
Ulkosikko	Venkinti jätönka	unidad exterior	Česina	-
Indoor unit	Immergetät	jednosikko	Ukrajinskij jazovoda	-
binnenuit	Inomhusenhet	unità interna	Indoor unit	-
Stabsliko	Viljini (jetonika)	unità di riscaldamento	Ba-Treviso ratio	-
Maximum temperature application	Mittlere Temperaturanwendung	aplicación de media temperatura	Tepotzán	-
Medium temperature re-passing	Mittlertemperaturapplikation	a aplicación a media temperatura	Autogenrat	-
de sezonsesborden energie-effektivitetskasse voor ruimteverwarming	Klimatempotilien soveltuus	aplicación a media temperatura	Unidad exterior	-
tilamlytysken kauistanen energielähtökoulus	Low-temperature application	aplicación a baja temperatura	Ukrajinskij jazovoda	-
Water heating energy efficiency class	Regeltemperatur-trepassing	aplicación a baja temperatura	Indoor unit	-
Water heating energy efficiency class voor waterverwarming	Water heating energy efficiency class voor waterverwarming	aplicación a baja temperatura	Indoor unit	-
de energie-effektivitetskasse voor ruimteverwarming	Water heating energy efficiency class voor waterverwarming	aplicación a baja temperatura	Indoor unit	-
vedenlammityksen energielähtökoulus	Water heating energy efficiency class voor waterverwarming	aplicación a baja temperatura	Indoor unit	-
Rated heat output under average climate conditions	Rated heat output under average climate conditions	aplicación a baja temperatura	Indoor unit	-
de nominale warmteleidigheidsklasse gemiddelde klimatomstandigheden	de nominale warmteleidigheidsklasse gemiddelde klimatomstandigheden	aplicación a baja temperatura	Indoor unit	-
minihälsämpööljykeskilmäraissa lämsto-olosuhteissa	For space heating, annual energy consumption under average climate conditions	aplicación a baja temperatura	Indoor unit	-
vor ruimteverwarming, het jaarlijkse energieverbruik onder gemiddelde klimatomstandigheden	vor ruimteverwarming, het jaarlijkse energieverbruik onder gemiddelde klimatomstandigheden	aplicación a baja temperatura	Indoor unit	-
tilamlytysken vuotuinen sähkökulutus (keskilmäraissa lämsto-olosuhteissa)	For space heating, annual electricity consumption under average climate conditions	aplicación a baja temperatura	Indoor unit	-
For water heating, annual energy consumption under average climate conditions	For water heating, annual energy consumption under average climate conditions	aplicación a baja temperatura	Indoor unit	-
tilamlytysken vuotuinen sähkökulutus (keskilmäraissa lämsto-olosuhteissa)	For water heating, net jaarlijkse elektriciteitsverbruik (onder gemiddelde klimatomstandigheden)	aplicación a baja temperatura	Indoor unit	-
vedenlammityksen vuotuinen sähkökulutus (keskilmäraissa lämsto-olosuhteissa)	For water heating, net jaarlijkse elektriciteitsverbruik (onder gemiddelde klimatomstandigheden)	aplicación a baja temperatura	Indoor unit	-
9 voor waterverwarming, het jaarlijkse energieverbruik (onder gemiddelde klimatomstandigheden)	9 voor waterverwarming, het jaarlijkse energieverbruik (onder gemiddelde klimatomstandigheden)	aplicación a baja temperatura	Indoor unit	-
tilamlytysken kauistanen energielähtökoulus (keskilmäraissa lämsto-olosuhteissa)	For water heating, annual electricity consumption under average climate conditions	aplicación a baja temperatura	Indoor unit	-
Water heating energy efficiency under average climate conditions	For water heating, annual energy consumption under average climate conditions	aplicación a baja temperatura	Indoor unit	-
de energie-effektiviteit voor waterverwarming (onder gemiddelde klimatomstandigheden)	For water heating, net jaarlijkse energieverbruik (onder gemiddelde klimatomstandigheden)	aplicación a baja temperatura	Indoor unit	-
10 klimatomstandigheden)	For water heating, net jaarlijkse energieverbruik (onder gemiddelde klimatomstandigheden)	aplicación a baja temperatura	Indoor unit	-
tilamlytysken kauistanen energielähtökoulus (keskilmäraissa lämsto-olosuhteissa)	For water heating, net jaarlijkse energieverbruik (onder gemiddelde klimatomstandigheden)	aplicación a baja temperatura	Indoor unit	-
Water heating energy efficiency under average climate conditions	For water heating, net jaarlijkse energieverbruik (onder gemiddelde klimatomstandigheden)	aplicación a baja temperatura	Indoor unit	-
de energie-effektiviteit voor waterverwarming (onder gemiddelde klimatomstandigheden)	For water heating, net jaarlijkse energieverbruik (onder gemiddelde klimatomstandigheden)	aplicación a baja temperatura	Indoor unit	-
11 vedenlammityksen energielähtökoulus (keskilmäraissa lämsto-olosuhteissa)	For water heating, net jaarlijkse energieverbruik (onder gemiddelde klimatomstandigheden)	aplicación a baja temperatura	Indoor unit	-
Sound power level L _{WA} , indoor	Sound power level L _{WA} , indoor	potencia sonora L _{WA} , interior	potencia sonora L _{WA} , interior	-
tilamlytysken läädytysvero L _{WA} , sisällä	tilamlytysken läädytysvero L _{WA} , sisällä	potencia acústica L _{WA} , interior	potencia acústica L _{WA} , interior	-
Work only during off-peak hours	Work only during off-peak hours	trabajo solo durante las horas de pico	trabajo solo durante las horas de pico	-
13 toimintaan aikataulun kuluksilla	toimintaan aikataulun kuluksilla	trabajo solo durante las horas de pico	trabajo solo durante las horas de pico	-
Rated heat output under colder climate conditions	Rated heat output under colder climate conditions	potencia calorífica nominal en condiciones climáticas más frías	potencia calorífica nominal en condiciones climáticas más frías	-
nominale varmeleidigheidsklasse i lämsto-olosuhteissa	nominale varmeleidigheidsklasse i lämsto-olosuhteissa	potencia calorífica nominal en condiciones climáticas más frías	potencia calorífica nominal en condiciones climáticas más frías	-
14 tilamlytysken läädytysvero L _{WA} , sisällä	tilamlytysken läädytysvero L _{WA} , sisällä	potencia acústica L _{WA} , interior	potencia acústica L _{WA} , interior	-
15 Work only during the day hours	Work only during the day hours	trabajo solo durante las horas del día	trabajo solo durante las horas del día	-
16 toimintaan aikataulun ulkopuolella	toimintaan aikataulun ulkopuolella	trabajo solo durante las horas del día	trabajo solo durante las horas del día	-
Rated heat output under colder climate conditions	Rated heat output under colder climate conditions	potencia calorífica nominal en condiciones climáticas más frías	potencia calorífica nominal en condiciones climáticas más frías	-
nominale varmeleidigheidsklasse i lämsto-olosuhteissa	nominale varmeleidigheidsklasse i lämsto-olosuhteissa	potencia calorífica nominal en condiciones climáticas más frías	potencia calorífica nominal en condiciones climáticas más frías	-
17 voor ruimteverwarming, het jaarlijkse energieverbruik onder warmere klimatomstandigheden	vor ruimteverwarming, het jaarlijkse energieverbruik onder warmere klimatomstandigheden	potencia calorífica nominal en condiciones climáticas más frías	potencia calorífica nominal en condiciones climáticas más frías	-
tilamlytysken vuotuinen energielähtökoulus lämpimissä lämsto-olosuhteissa	tilamlytysken vuotuinen energielähtökoulus lämpimissä lämsto-olosuhteissa	potencia calorífica nominal en condiciones climáticas más frías	potencia calorífica nominal en condiciones climáticas más frías	-
For water heating, annual energy consumption under warmer climate conditions	For water heating, annual energy consumption under warmer climate conditions	potencia calorífica nominal en condiciones climáticas más frías	potencia calorífica nominal en condiciones climáticas más frías	-
18 voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder warmere klimatomstandigheden	vor waterverwarming, het jaarlijkse elektriciteitsverbruik onder warmere klimatomstandigheden	potencia calorífica nominal en condiciones climáticas más frías	potencia calorífica nominal en condiciones climáticas más frías	-
tilamlytysken vuotuinen sähkökulutus lämpimissä lämsto-olosuhteissa	tilamlytysken vuotuinen sähkökulutus lämpimissä lämsto-olosuhteissa	potencia calorífica nominal en condiciones climáticas más frías	potencia calorífica nominal en condiciones climáticas más frías	-
For space heating, annual energy consumption under warmer climate conditions	For space heating, annual energy consumption under warmer climate conditions	potencia calorífica nominal en condiciones climáticas más frías	potencia calorífica nominal en condiciones climáticas más frías	-
19 voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder warmere klimatomstandigheden	vor waterverwarming, het jaarlijkse elektriciteitsverbruik onder warmere klimatomstandigheden	potencia calorífica nominal en condiciones climáticas más frías	potencia calorífica nominal en condiciones climáticas más frías	-
tilamlytysken vuotuinen sähkökulutus lämpimissä lämsto-olosuhteissa	tilamlytysken vuotuinen sähkökulutus lämpimissä lämsto-olosuhteissa	potencia calorífica nominal en condiciones climáticas más frías	potencia calorífica nominal en condiciones climáticas más frías	-
20 de sezonsesborden energie-effektivitetskasse voor ruimteverwarming onder koldere klimatomstandigheden	de sezonsesborden energie-effektivitetskasse voor ruimteverwarming onder koldere klimatomstandigheden	potencia calorífica nominal en condiciones climáticas más frías	potencia calorífica nominal en condiciones climáticas más frías	-
tilamlytysken kauistanen energielähtökoulus lämpimissä lämsto-olosuhteissa	tilamlytysken kauistanen energielähtökoulus lämpimissä lämsto-olosuhteissa	potencia calorífica nominal en condiciones climáticas más frías	potencia calorífica nominal en condiciones climáticas más frías	-
Seasonal space heating energy efficiency under warmer climate conditions	Seasonal space heating energy efficiency under warmer climate conditions	potencia calorífica nominal en condiciones climáticas más frías	potencia calorífica nominal en condiciones climáticas más frías	-
21 de sezonsesborden energie-effektivitetskasse voor ruimteverwarming onder koldere klimatomstandigheden	de sezonsesborden energie-effektivitetskasse voor ruimteverwarming onder koldere klimatomstandigheden	potencia calorífica nominal en condiciones climáticas más frías	potencia calorífica nominal en condiciones climáticas más frías	-
tilamlytysken kauistanen energielähtökoulus lämpimissä lämsto-olosuhteissa	tilamlytysken kauistanen energielähtökoulus lämpimissä lämsto-olosuhteissa	potencia calorífica nominal en condiciones climáticas más frías	potencia calorífica nominal en condiciones climáticas más frías	-
Water heating energy efficiency under colder climate conditions	Water heating energy efficiency under colder climate conditions	potencia calorífica nominal en condiciones climáticas más frías	potencia calorífica nominal en condiciones climáticas más frías	-
22 de energie-effektiviteit voor waterverwarming onder koldere klimatomstandigheden	de energie-effektiviteit voor waterverwarming onder koldere klimatomstandigheden	potencia calorífica nominal en condiciones climáticas más frías	potencia calorífica nominal en condiciones climáticas más frías	-
tilamlytysken energielähtökoulus lämpimissä lämsto-olosuhteissa	tilamlytysken energielähtökoulus lämpimissä lämsto-olosuhteissa	potencia calorífica nominal en condiciones climáticas más frías	potencia calorífica nominal en condiciones climáticas más frías	-
23 de energie-effektiviteit voor waterverwarming onder warmere klimatomstandigheden	de energie-effektiviteit voor waterverwarming onder warmere klimatomstandigheden	potencia calorífica nominal en condiciones climáticas más frías	potencia calorífica nominal en condiciones climáticas más frías	-
tilamlytysken energielähtökoulus lämpimissä lämsto-olosuhteissa	tilamlytysken energielähtökoulus lämpimissä lämsto-olosuhteissa	potencia calorífica nominal en condiciones climáticas más frías	potencia calorífica nominal en condiciones climáticas más frías	-
Sound power level L _{WA} , outdoor	Sound power level L _{WA} , outdoor	potencia acústica L _{WA} , exterior	potencia acústica L _{WA} , exterior	-
hel geluidsvormgenoegte L _{WA} , buiten	hel geluidsvormgenoegte L _{WA} , buiten	potencia acústica L _{WA} , exterior	potencia acústica L _{WA} , exterior	-
24 läädytysvero L _{WA} , ulkona	läädytysvero L _{WA} , ulkona	potencia acústica L _{WA} , exterior	potencia acústica L _{WA} , exterior	-

Model(s):	Outdoor unit:	SUZ-SWM80VA					
	Indoor unit:	EHST17D-**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			
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηs	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	COPd	3.39	-
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	4.24	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	6.34	-
Tj = + 7 °C	Pdh	2.5	kW	Tj = bivalent temperature	COPd	2.06	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = operation limit temperature	COPd	1.45	-
Tj = +12 °C	Pdh	2.6	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Degradation co-efficient (**)	Cdh	0.96	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	6.3	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature	Pdh	4.8	kW				
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW				
Bivalent temperature	Tbiv	-7	°C				
Power consumption in modes other than active mode					Supplementary heater		
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	P _{sup}	1.1	kW
Thermostat-off mode	P _{TO}	0.015	kW	Type of energy input			
Standby mode	P _{SB}	0.015	kW				
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control	variable		Rated air flow rate, outdoors	-	2184	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA				
Annual energy consumption	Q _{HE}	4268	kWh				
For heat pump combination heater:							
Declared load profile	L		Water heating energy efficiency	ηwh	144	%	
Daily electricity consumption	Q _{elec}	3.400	kW/h				
Annual electricity consumption	AEC	744	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:	EHST17D-**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
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				ηs
Tj = - 7 °C	Pdh	6.3	kW	182
Degradation co-efficient (**)	Cdh	0.99	-	%
Tj = + 2 °C	Pdh	3.8	kW	
Degradation co-efficient (**)	Cdh	0.98	-	
Tj = + 7 °C	Pdh	2.7	kW	
Degradation co-efficient (**)	Cdh	0.96	-	
Tj = +12 °C	Pdh	2.6	kW	
Degradation co-efficient (**)	Cdh	0.95	-	
Tj = bivalent temperature	Pdh	6.3	kW	
Tj = operation limit temperature	Pdh	4.8	kW	
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	
Bivalent temperature	Tbiv	-7	°C	
Power consumption in modes other than active mode				
Off mode	P _{OFF}	0.015	kW	Supplementary heater
Thermostat-off mode	P _{TO}	0.015	kW	Rated heat output (*)
Standby mode	P _{SB}	0.015	kW	Psup
Crankcase heater mode	P _{CK}	0.000	kW	1.1
kW				
Other items				
Capacity control	variable		Rated air flow rate, outdoors	-
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA	2184
Annual energy consumption	Q _{HE}	3060	kWh	m ³ /h
For heat pump combination heater:				
Declared load profile	L		Water heating energy efficiency	ηwh
Daily electricity consumption	Qelec	3.400	kW/h	144
Annual electricity consumption	AEC	744	kWh	%
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:	EHST17D-**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			
Rated heat output (*)	Prated	4.4	kW	Seasonal space heating energy efficiency	ηs	106	%
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	COPd	3.29	-
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 7 °C	COPd	4.07	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	5.76	-
Tj = + 7 °C	Pdh	2.2	kW	Tj = bivalent temperature	COPd	1.38	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = operation limit temperature	COPd	1.45	-
Tj = +12 °C	Pdh	1.9	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Degradation co-efficient (**)	Cdh	0.95	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	4.2	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature	Pdh	4.8	kW				
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW				
Bivalent temperature	Tbiv	-20	°C				
Power consumption in modes other than active mode					Supplementary heater		
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.4	kW
Thermostat-off mode	P _{TO}	0.015	kW	Type of energy input			
Standby mode	P _{SB}	0.015	kW				
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control	variable		Rated air flow rate, outdoors	-	2184	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA				
Annual energy consumption	Q _{HE}	3809	kWh				
For heat pump combination heater:							
Declared load profile	L		Water heating energy efficiency	ηwh	119	%	
Daily electricity consumption	Qelec	4.100	kW/h				
Annual electricity consumption	AEC	900	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:	EHST17D-**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
Rated heat output (*)	Prated	4.9	kW	Seasonal space heating energy efficiency
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				ηs
Tj = - 7 °C	Pdh	3.2	kW	144
Degradation co-efficient (**)	Cdh	0.98	-	%
Tj = + 2 °C	Pdh	2.7	kW	
Degradation co-efficient (**)	Cdh	0.97	-	
Tj = + 7 °C	Pdh	2.3	kW	
Degradation co-efficient (**)	Cdh	0.96	-	
Tj = +12 °C	Pdh	2.0	kW	
Degradation co-efficient (**)	Cdh	0.94	-	
Tj = bivalent temperature	Pdh	4.6	kW	
Tj = operation limit temperature	Pdh	4.6	kW	
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	
Bivalent temperature	Tbiv	-20	°C	
Power consumption in modes other than active mode				
Off mode	P _{OFF}	0.015	kW	Supplementary heater
Thermostat-off mode	P _{TO}	0.015	kW	Rated heat output (*)
Standby mode	P _{SB}	0.015	kW	Psup
Crankcase heater mode	P _{CK}	0.000	kW	4.9 kW
Other items				Type of energy input
Capacity control	variable		Rated air flow rate, outdoors	- 2184 m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA	
Annual energy consumption	Q _{HE}	3120	kWh	
For heat pump combination heater:				
Declared load profile	L		Water heating energy efficiency	ηwh
Daily electricity consumption	Qelec	4.100	kW/h	119 %
Annual electricity consumption	AEC	900	kWh	
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:	EHST17D-**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	
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				ηs	
Tj = - 7 °C	Pdh	-	kW	135	
Degradation co-efficient (**)	Cdh	-		%	
Tj = + 2 °C	Pdh	7.1	kW	Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj	
Degradation co-efficient (**)	Cdh	0.99	-	Tj = - 7 °C	
Tj = + 7 °C	Pdh	4.6	kW	COPd	
Degradation co-efficient (**)	Cdh	0.99	-	-	
Tj = +12 °C	Pdh	2.0	kW	Tj = + 2 °C	
Degradation co-efficient (**)	Cdh	0.96	-	COPd	
Tj = bivalent temperature	Pdh	6.3	kW	1.76	
Tj = operation limit temperature	Pdh	4.8	kW	Tj = + 7 °C	
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	COPd	
Bivalent temperature	Tbiv	-7	°C	2.74	
Power consumption in modes other than active mode				Tj = +12 °C	
Off mode	P _{OFF}	0.015	kW	COPd	
Thermostat-off mode	P _{TO}	0.015	kW	5.00	
Standby mode	P _{SB}	0.015	kW	Tj = bivalent temperature	
Crankcase heater mode	P _{CK}	0.000	kW	COPd	
Other items				1.96	
Capacity control	variable		Rated air flow rate, outdoors	-	1.45
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA		
Annual energy consumption	Q _{HE}	2688	kWh		
For heat pump combination heater:				Type of energy input	
Declared load profile	L		Water heating energy efficiency	ηwh	WTOL
Daily electricity consumption	Qelec	2.900	kW/h	167	60
Annual electricity consumption	AEC	641	kWh		°C
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:	EHST17D-**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	
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				ηs	
Tj = - 7 °C	Pdh	-	kW	186	%
Degradation co-efficient (**)	Cdh	-			
Tj = + 2 °C	Pdh	7.2	kW		
Degradation co-efficient (**)	Cdh	0.99	-		
Tj = + 7 °C	Pdh	4.6	kW		
Degradation co-efficient (**)	Cdh	0.98	-		
Tj = +12 °C	Pdh	2.0	kW		
Degradation co-efficient (**)	Cdh	0.95	-		
Tj = bivalent temperature	Pdh	6.3	kW		
Tj = operation limit temperature	Pdh	4.8	kW		
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW		
Bivalent temperature	Tbiv	-7	°C		
Power consumption in modes other than active mode					
Off mode	P _{OFF}	0.015	kW	Supplementary heater	
Thermostat-off mode	P _{TO}	0.015	kW	Rated heat output (*)	Psup
Standby mode	P _{SB}	0.015	kW	0.0	kW
Crankcase heater mode	P _{CK}	0.000	kW	Type of energy input	
Other items					
Capacity control	variable		Rated air flow rate, outdoors	-	2184 m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA		
Annual energy consumption	Q _{HE}	1952	kWh		
For heat pump combination heater:					
Declared load profile	L		Water heating energy efficiency	ηwh	167 %
Daily electricity consumption	Qelec	2.900	kW/h		
Annual electricity consumption	AEC	641	kWh		
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:	ERST17D-**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			
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηs	133	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.3	kW	Tj = - 7 °C	COPd	2.06	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	3.39	-
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	4.24	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	6.34	-
Tj = + 7 °C	Pdh	2.5	kW	Tj = bivalent temperature	COPd	2.06	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = operation limit temperature	COPd	1.45	-
Tj = +12 °C	Pdh	2.6	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Degradation co-efficient (**)	Cdh	0.96	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	6.3	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature	Pdh	4.8	kW				
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW				
Bivalent temperature	Tbiv	-7	°C				
Power consumption in modes other than active mode					Supplementary heater		
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	P _{sup}	1.1	kW
Thermostat-off mode	P _{TO}	0.015	kW	Type of energy input			
Standby mode	P _{SB}	0.015	kW				
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control	variable		Rated air flow rate, outdoors	-	2184	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA				
Annual energy consumption	Q _{HE}	4268	kWh				
For heat pump combination heater:							
Declared load profile	L		Water heating energy efficiency	ηwh	144	%	
Daily electricity consumption	Q _{elec}	3.400	kW/h				
Annual electricity consumption	AEC	744	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:	ERST17D-**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			
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηs	187	%
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	3.00	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	4.63	-
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	6.14	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	8.39	-
Tj = + 7 °C	Pdh	2.7	kW	Tj = bivalent temperature	COPd	3.00	-
Degradation co-efficient (**)	Cdh	0.96	-	Tj = operation limit temperature	COPd	1.45	-
Tj = +12 °C	Pdh	2.6	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Degradation co-efficient (**)	Cdh	0.95	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	6.3	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature	Pdh	4.8	kW				
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW				
Bivalent temperature	Tbiv	-7	°C				
Power consumption in modes other than active mode					Supplementary heater		
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	P _{sup}	1.1	kW
Thermostat-off mode	P _{TO}	0.015	kW	Type of energy input			
Standby mode	P _{SB}	0.015	kW				
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control	variable		Rated air flow rate, outdoors	-	2184	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA				
Annual energy consumption	Q _{HE}	3060	kWh				
For heat pump combination heater:							
Declared load profile	L		Water heating energy efficiency	ηwh	144	%	
Daily electricity consumption	Q _{elec}	3.400	kW/h				
Annual electricity consumption	AEC	744	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:	ERST17D-**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			
Rated heat output (*)	Prated	4.4	kW	Seasonal space heating energy efficiency	ηs	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	COPd	3.29	-
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 7 °C	COPd	4.07	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	5.76	-
Tj = + 7 °C	Pdh	2.2	kW	Tj = bivalent temperature	COPd	1.38	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = operation limit temperature	COPd	1.45	-
Tj = +12 °C	Pdh	1.9	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Degradation co-efficient (**)	Cdh	0.95	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	4.2	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature	Pdh	4.8	kW				
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW				
Bivalent temperature	Tbiv	-20	°C				
Power consumption in modes other than active mode					Supplementary heater		
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.4	kW
Thermostat-off mode	P _{TO}	0.015	kW	Type of energy input			
Standby mode	P _{SB}	0.015	kW				
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control	variable		Rated air flow rate, outdoors	-	2184	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA				
Annual energy consumption	Q _{HE}	3809	kWh				
For heat pump combination heater:							
Declared load profile	L		Water heating energy efficiency	ηwh	119	%	
Daily electricity consumption	Qelec	4.100	kW/h				
Annual electricity consumption	AEC	900	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:	ERST17D-**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
Rated heat output (*)	Prated	4.9	kW	Seasonal space heating energy efficiency
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				ηs
Tj = - 7 °C	Pdh	3.2	kW	148
Degradation co-efficient (**)	Cdh	0.98	-	%
Tj = + 2 °C	Pdh	2.7	kW	
Degradation co-efficient (**)	Cdh	0.97	-	
Tj = + 7 °C	Pdh	2.3	kW	
Degradation co-efficient (**)	Cdh	0.96	-	
Tj = +12 °C	Pdh	2.0	kW	
Degradation co-efficient (**)	Cdh	0.94	-	
Tj = bivalent temperature	Pdh	4.6	kW	
Tj = operation limit temperature	Pdh	4.6	kW	
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	
Bivalent temperature	Tbiv	-20	°C	
Power consumption in modes other than active mode				
Off mode	P _{OFF}	0.015	kW	Supplementary heater
Thermostat-off mode	P _{TO}	0.015	kW	Rated heat output (*)
Standby mode	P _{SB}	0.015	kW	Psup
Crankcase heater mode	P _{CK}	0.000	kW	4.9 kW
Other items				Type of energy input
Capacity control	variable		Rated air flow rate, outdoors	- 2184 m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA	
Annual energy consumption	Q _{HE}	3120	kWh	
For heat pump combination heater:				
Declared load profile	L		Water heating energy efficiency	ηwh
Daily electricity consumption	Qelec	4.100	kW/h	119 %
Annual electricity consumption	AEC	900	kWh	
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:	ERST17D-**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	
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				ηs	
Tj = - 7 °C	Pdh	-	kW	Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj	
Degradation co-efficient (**)	Cdh	-		Tj = - 7 °C	
Tj = + 2 °C	Pdh	7.1	kW	COPd	
Degradation co-efficient (**)	Cdh	0.99		1.76	
Tj = + 7 °C	Pdh	4.6	kW	Tj = + 7 °C	
Degradation co-efficient (**)	Cdh	0.99		COPd	
Tj = +12 °C	Pdh	2.0	kW	2.74	
Degradation co-efficient (**)	Cdh	0.96		Tj = +12 °C	
Tj = bivalent temperature	Pdh	6.3	kW	COPd	
Tj = operation limit temperature	Pdh	4.8	kW	1.96	
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	1.45	
Bivalent temperature	Tbiv	-7	°C	Tj = - 15 °C (if TOL < - 20 °C)	
				Operation limit temperature	
				WTOL	
				Heating water operating limit temperature	
				WTOL	
Power consumption in modes other than active mode				60 °C	
Off mode	P _{OFF}	0.015	kW		
Thermostat-off mode	P _{TO}	0.015	kW		
Standby mode	P _{SB}	0.015	kW		
Crankcase heater mode	P _{CK}	0.000	kW		
Other items					
Capacity control	variable		Rated air flow rate, outdoors	-	2184 m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA		
Annual energy consumption	Q _{HE}	2688	kWh		
For heat pump combination heater:					
Declared load profile	L		Water heating energy efficiency	ηwh	167 %
Daily electricity consumption	Qelec	2.900	kW/h		
Annual electricity consumption	AEC	641	kWh		
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:	ERST17D-**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	
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				ηs	
Tj = - 7 °C	Pdh	-	kW	191	%
Degradation co-efficient (**)	Cdh	-			
Tj = + 2 °C	Pdh	7.2	kW		
Degradation co-efficient (**)	Cdh	0.99	-		
Tj = + 7 °C	Pdh	4.6	kW		
Degradation co-efficient (**)	Cdh	0.98	-		
Tj = +12 °C	Pdh	2.0	kW		
Degradation co-efficient (**)	Cdh	0.95	-		
Tj = bivalent temperature	Pdh	6.3	kW		
Tj = operation limit temperature	Pdh	4.8	kW		
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW		
Bivalent temperature	Tbiv	-7	°C		
Power consumption in modes other than active mode					
Off mode	P _{OFF}	0.015	kW	Supplementary heater	
Thermostat-off mode	P _{TO}	0.015	kW	Rated heat output (*)	Psup
Standby mode	P _{SB}	0.015	kW	0.0	kW
Crankcase heater mode	P _{CK}	0.000	kW	Type of energy input	
Other items					
Capacity control	variable		Rated air flow rate, outdoors	-	2184 m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA		
Annual energy consumption	Q _{HE}	1952	kWh		
For heat pump combination heater:					
Declared load profile	L		Water heating energy efficiency	ηwh	167 %
Daily electricity consumption	Qelec	2.900	kW/h		
Annual electricity consumption	AEC	641	kWh		
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:	EHST20D-**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			
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηs	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	COPd	3.39	-
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	4.24	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	6.34	-
Tj = + 7 °C	Pdh	2.5	kW	Tj = bivalent temperature	COPd	2.06	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = operation limit temperature	COPd	1.45	-
Tj = +12 °C	Pdh	2.6	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Degradation co-efficient (**)	Cdh	0.96	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	6.3	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature	Pdh	4.8	kW				
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW				
Bivalent temperature	Tbiv	-7	°C				
Power consumption in modes other than active mode					Supplementary heater		
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	P _{sup}	1.1	kW
Thermostat-off mode	P _{TO}	0.015	kW	Type of energy input			
Standby mode	P _{SB}	0.015	kW				
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control	variable		Rated air flow rate, outdoors	-	2184	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA				
Annual energy consumption	Q _{HE}	4268	kWh				
For heat pump combination heater:							
Declared load profile	L		Water heating energy efficiency	ηwh	148	%	
Daily electricity consumption	Q _{elec}	3.300	kW/h				
Annual electricity consumption	AEC	721	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:	EHST20D-**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
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				ηs
Tj = - 7 °C	Pdh	6.3	kW	182
Degradation co-efficient (**)	Cdh	0.99	-	%
Tj = + 2 °C	Pdh	3.8	kW	
Degradation co-efficient (**)	Cdh	0.98	-	
Tj = + 7 °C	Pdh	2.7	kW	
Degradation co-efficient (**)	Cdh	0.96	-	
Tj = +12 °C	Pdh	2.6	kW	
Degradation co-efficient (**)	Cdh	0.95	-	
Tj = bivalent temperature	Pdh	6.3	kW	
Tj = operation limit temperature	Pdh	4.8	kW	
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	
Bivalent temperature	Tbiv	-7	°C	
Power consumption in modes other than active mode				
Off mode	P _{OFF}	0.015	kW	Supplementary heater
Thermostat-off mode	P _{TO}	0.015	kW	Rated heat output (*)
Standby mode	P _{SB}	0.015	kW	Psup
Crankcase heater mode	P _{CK}	0.000	kW	1.1
kW				
Other items				
Capacity control	variable		Rated air flow rate, outdoors	-
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA	2184
Annual energy consumption	Q _{HE}	3060	kWh	m ³ /h
For heat pump combination heater:				
Declared load profile	L		Water heating energy efficiency	ηwh
Daily electricity consumption	Qelec	3.300	kW/h	148
Annual electricity consumption	AEC	721	kWh	%
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:	EHST20D-**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			
Rated heat output (*)	Prated	4.4	kW	Seasonal space heating energy efficiency	ηs	106	%
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	COPd	3.29	-
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 7 °C	COPd	4.07	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	5.76	-
Tj = + 7 °C	Pdh	2.2	kW	Tj = bivalent temperature	COPd	1.38	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = operation limit temperature	COPd	1.45	-
Tj = +12 °C	Pdh	1.9	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Degradation co-efficient (**)	Cdh	0.95	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	4.2	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature	Pdh	4.8	kW				
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW				
Bivalent temperature	Tbiv	-20	°C				
Power consumption in modes other than active mode					Supplementary heater		
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.4	kW
Thermostat-off mode	P _{TO}	0.015	kW	Type of energy input			
Standby mode	P _{SB}	0.015	kW				
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control	variable		Rated air flow rate, outdoors	-	2184	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA				
Annual energy consumption	Q _{HE}	3809	kWh				
For heat pump combination heater:							
Declared load profile	L		Water heating energy efficiency	ηwh	130	%	
Daily electricity consumption	Qelec	3.700	kW/h				
Annual electricity consumption	AEC	821	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:	EHST20D-**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
Rated heat output (*)	Prated	4.9	kW	Seasonal space heating energy efficiency
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				ηs
Tj = - 7 °C	Pdh	3.2	kW	144
Degradation co-efficient (**)	Cdh	0.98	-	%
Tj = + 2 °C	Pdh	2.7	kW	
Degradation co-efficient (**)	Cdh	0.97	-	
Tj = + 7 °C	Pdh	2.3	kW	
Degradation co-efficient (**)	Cdh	0.96	-	
Tj = +12 °C	Pdh	2.0	kW	
Degradation co-efficient (**)	Cdh	0.94	-	
Tj = bivalent temperature	Pdh	4.6	kW	
Tj = operation limit temperature	Pdh	4.6	kW	
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	
Bivalent temperature	Tbiv	-20	°C	
Power consumption in modes other than active mode				
Off mode	P _{OFF}	0.015	kW	Supplementary heater
Thermostat-off mode	P _{TO}	0.015	kW	
Standby mode	P _{SB}	0.015	kW	
Crankcase heater mode	P _{CK}	0.000	kW	
Other items				
Capacity control	variable		Rated air flow rate, outdoors	-
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA	2184
Annual energy consumption	Q _{HE}	3120	kWh	m ³ /h
For heat pump combination heater:				
Declared load profile	L		Water heating energy efficiency	ηwh
Daily electricity consumption	Qelec	3.700	kW/h	130
Annual electricity consumption	AEC	821	kWh	%
Contact details				
MITSUBISHI ELECTRIC AIR CONDITIONING 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:	EHST20D-**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
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				ηs
Tj = - 7 °C	Pdh	-	kW	135
Degradation co-efficient (**)	Cdh	-		%
Tj = + 2 °C	Pdh	7.1	kW	Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj
Degradation co-efficient (**)	Cdh	0.99		Tj = - 7 °C
Tj = + 7 °C	Pdh	4.6	kW	COPd
Degradation co-efficient (**)	Cdh	0.99		-
Tj = +12 °C	Pdh	2.0	kW	Tj = + 2 °C
Degradation co-efficient (**)	Cdh	0.96		COPd
Tj = bivalent temperature	Pdh	6.3	kW	1.76
Tj = operation limit temperature	Pdh	4.8	kW	Tj = + 7 °C
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	COPd
Bivalent temperature	Tbiv	-7	°C	2.74
Power consumption in modes other than active mode				Tj = +12 °C
Off mode	P _{OFF}	0.015	kW	COPd
Thermostat-off mode	P _{TO}	0.015	kW	5.00
Standby mode	P _{SB}	0.015	kW	Tj = bivalent temperature
Crankcase heater mode	P _{CK}	0.000	kW	COPd
Other items				1.96
Capacity control	variable		Rated air flow rate, outdoors	-
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA	2184
Annual energy consumption	Q _{HE}	2688	kWh	m ³ /h
For heat pump combination heater:				
Declared load profile	L		Water heating energy efficiency	ηwh
Daily electricity consumption	Q _{elec}	2.800	kW/h	173
Annual electricity consumption	AEC	621	kWh	%
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:	EHST20D-**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	
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				ηs	
Tj = - 7 °C	Pdh	-	kW	186	%
Degradation co-efficient (**)	Cdh	-			
Tj = + 2 °C	Pdh	7.2	kW		
Degradation co-efficient (**)	Cdh	0.99	-		
Tj = + 7 °C	Pdh	4.6	kW		
Degradation co-efficient (**)	Cdh	0.98	-		
Tj = +12 °C	Pdh	2.0	kW		
Degradation co-efficient (**)	Cdh	0.95	-		
Tj = bivalent temperature	Pdh	6.3	kW		
Tj = operation limit temperature	Pdh	4.8	kW		
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW		
Bivalent temperature	Tbiv	-7	°C		
Power consumption in modes other than active mode					
Off mode	P _{OFF}	0.015	kW	Supplementary heater	
Thermostat-off mode	P _{TO}	0.015	kW	Rated heat output (*)	Psup
Standby mode	P _{SB}	0.015	kW	0.0	kW
Crankcase heater mode	P _{CK}	0.000	kW	Type of energy input	
Other items					
Capacity control	variable		Rated air flow rate, outdoors	-	2184 m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA		
Annual energy consumption	Q _{HE}	1952	kWh		
For heat pump combination heater:					
Declared load profile	L		Water heating energy efficiency	ηwh	173 %
Daily electricity consumption	Qelec	2.800	kW/h		
Annual electricity consumption	AEC	621	kWh		
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:	ERST20D-**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			
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηs	133	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	Pdh	6.3	kW	Tj = - 7 °C	COPd	2.06	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	3.39	-
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	4.24	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	6.34	-
Tj = + 7 °C	Pdh	2.5	kW	Tj = bivalent temperature	COPd	2.06	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = operation limit temperature	COPd	1.45	-
Tj = +12 °C	Pdh	2.6	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Degradation co-efficient (**)	Cdh	0.96	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	6.3	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature	Pdh	4.8	kW				
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW				
Bivalent temperature	Tbiv	-7	°C				
Power consumption in modes other than active mode					Supplementary heater		
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	1.1	kW
Thermostat-off mode	P _{TO}	0.015	kW	Type of energy input			
Standby mode	P _{SB}	0.015	kW				
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control	variable		Rated air flow rate, outdoors	-	2184	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA				
Annual energy consumption	Q _{HE}	4268	kWh				
For heat pump combination heater:							
Declared load profile	L		Water heating energy efficiency	ηwh	148	%	
Daily electricity consumption	Qelec	3.300	kW/h				
Annual electricity consumption	AEC	721	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:	ERST20D-**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			
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	ηs	187	%
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	3.00	-
Degradation co-efficient (**)	Cdh	0.99	-	Tj = + 2 °C	COPd	4.63	-
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 7 °C	COPd	6.14	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	8.39	-
Tj = + 7 °C	Pdh	2.7	kW	Tj = bivalent temperature	COPd	3.00	-
Degradation co-efficient (**)	Cdh	0.96	-	Tj = operation limit temperature	COPd	1.45	-
Tj = +12 °C	Pdh	2.6	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Degradation co-efficient (**)	Cdh	0.95	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	6.3	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature	Pdh	4.8	kW				
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW				
Bivalent temperature	Tbiv	-7	°C				
Power consumption in modes other than active mode					Supplementary heater		
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	P _{sup}	1.1	kW
Thermostat-off mode	P _{TO}	0.015	kW	Type of energy input			
Standby mode	P _{SB}	0.015	kW				
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control	variable		Rated air flow rate, outdoors	-	2184	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA				
Annual energy consumption	Q _{HE}	3060	kWh				
For heat pump combination heater:							
Declared load profile	L		Water heating energy efficiency	ηwh	148	%	
Daily electricity consumption	Q _{elec}	3.300	kW/h				
Annual electricity consumption	AEC	721	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:	ERST20D-**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			
Rated heat output (*)	Prated	4.4	kW	Seasonal space heating energy efficiency	ηs	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	COPd	3.29	-
Tj = + 2 °C	Pdh	2.5	kW	Tj = + 7 °C	COPd	4.07	-
Degradation co-efficient (**)	Cdh	0.98	-	Tj = +12 °C	COPd	5.76	-
Tj = + 7 °C	Pdh	2.2	kW	Tj = bivalent temperature	COPd	1.38	-
Degradation co-efficient (**)	Cdh	0.97	-	Tj = operation limit temperature	COPd	1.45	-
Tj = +12 °C	Pdh	1.9	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Degradation co-efficient (**)	Cdh	0.95	-	Operation limit temperature	TOL	-20	°C
Tj = bivalent temperature	Pdh	4.2	kW	Heating water operating limit temperature	WTOL	60	°C
Tj = operation limit temperature	Pdh	4.8	kW				
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW				
Bivalent temperature	Tbiv	-20	°C				
Power consumption in modes other than active mode					Supplementary heater		
Off mode	P _{OFF}	0.015	kW	Rated heat output (*)	Psup	4.4	kW
Thermostat-off mode	P _{TO}	0.015	kW	Type of energy input			
Standby mode	P _{SB}	0.015	kW				
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control	variable		Rated air flow rate, outdoors	-	2184	m ³ /h	
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA				
Annual energy consumption	Q _{HE}	3809	kWh				
For heat pump combination heater:							
Declared load profile	L		Water heating energy efficiency	ηwh	130	%	
Daily electricity consumption	Qelec	3.700	kW/h				
Annual electricity consumption	AEC	821	kW/h				

Contact details

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(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9.

Model(s):	Outdoor unit:	SUZ-SWM80VA		
	Indoor unit:	ERST20D-**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
Rated heat output (*)	Prated	4.9	kW	Seasonal space heating energy efficiency
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				ηs
Tj = - 7 °C	Pdh	3.2	kW	148
Degradation co-efficient (**)	Cdh	0.98	-	%
Tj = + 2 °C	Pdh	2.7	kW	
Degradation co-efficient (**)	Cdh	0.97	-	
Tj = + 7 °C	Pdh	2.3	kW	
Degradation co-efficient (**)	Cdh	0.96	-	
Tj = +12 °C	Pdh	2.0	kW	
Degradation co-efficient (**)	Cdh	0.94	-	
Tj = bivalent temperature	Pdh	4.6	kW	
Tj = operation limit temperature	Pdh	4.6	kW	
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	
Bivalent temperature	Tbiv	-20	°C	
Power consumption in modes other than active mode				
Off mode	P _{OFF}	0.015	kW	Supplementary heater
Thermostat-off mode	P _{TO}	0.015	kW	Rated heat output (*)
Standby mode	P _{SB}	0.015	kW	Psup
Crankcase heater mode	P _{CK}	0.000	kW	4.9 kW
Other items				Type of energy input
Capacity control	variable		Rated air flow rate, outdoors	- 2184 m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA	
Annual energy consumption	Q _{HE}	3120	kWh	
For heat pump combination heater:				
Declared load profile	L		Water heating energy efficiency	ηwh
Daily electricity consumption	Qelec	3.700	kW/h	130 %
Annual electricity consumption	AEC	821	kWh	
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:	ERST20D-**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
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				ηs
Tj = - 7 °C	Pdh	-	kW	138
Degradation co-efficient (**)	Cdh	-		%
Tj = + 2 °C	Pdh	7.1	kW	Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj
Degradation co-efficient (**)	Cdh	0.99	-	Tj = - 7 °C
Tj = + 7 °C	Pdh	4.6	kW	COPd
Degradation co-efficient (**)	Cdh	0.99	-	-
Tj = +12 °C	Pdh	2.0	kW	Tj = + 2 °C
Degradation co-efficient (**)	Cdh	0.96	-	COPd
Tj = bivalent temperature	Pdh	6.3	kW	1.76
Tj = operation limit temperature	Pdh	4.8	kW	Tj = + 7 °C
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW	COPd
Bivalent temperature	Tbiv	-7	°C	2.74
Power consumption in modes other than active mode				Tj = +12 °C
Off mode	P _{OFF}	0.015	kW	COPd
Thermostat-off mode	P _{TO}	0.015	kW	5.00
Standby mode	P _{SB}	0.015	kW	Tj = bivalent temperature
Crankcase heater mode	P _{CK}	0.000	kW	COPd
Other items	Supplementary heater			1.96
Capacity control	variable		Rated air flow rate, outdoors	1.45
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA	Tj = operation limit temperature
Annual energy consumption	Q _{HE}	2688	kWh	Tj = - 15 °C (if TOL < - 20 °C)
For heat pump combination heater:	Operation limit temperature			COPd
Declared load profile	L		Heating water operating limit temperature	-20
Daily electricity consumption	Q _{elec}	2.800	kW/h	WTOL
Annual electricity consumption	AEC	621	kWh	60
Contact details	Water heating energy efficiency			°C
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEM EUROPE LTD	Nettlehill Road, Houston Industrial Estate, Livingston, EH54 5EQ, Scotland, U.K.			m ³ /h

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(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9.

Model(s):	Outdoor unit:	SUZ-SWM80VA			
	Indoor unit:	ERST20D-**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	
Rated heat output (*)	Prated	7.1	kW	Seasonal space heating energy efficiency	
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				ηs	
Tj = - 7 °C	Pdh	-	kW	191	%
Degradation co-efficient (**)	Cdh	-			
Tj = + 2 °C	Pdh	7.2	kW		
Degradation co-efficient (**)	Cdh	0.99	-		
Tj = + 7 °C	Pdh	4.6	kW		
Degradation co-efficient (**)	Cdh	0.98	-		
Tj = +12 °C	Pdh	2.0	kW		
Degradation co-efficient (**)	Cdh	0.95	-		
Tj = bivalent temperature	Pdh	6.3	kW		
Tj = operation limit temperature	Pdh	4.8	kW		
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW		
Bivalent temperature	Tbiv	-7	°C		
Power consumption in modes other than active mode					
Off mode	P _{OFF}	0.015	kW	Supplementary heater	
Thermostat-off mode	P _{TO}	0.015	kW	Rated heat output (*)	Psup
Standby mode	P _{SB}	0.015	kW	0.0	kW
Crankcase heater mode	P _{CK}	0.000	kW	Type of energy input	
Other items					
Capacity control	variable		Rated air flow rate, outdoors	-	2184 m ³ /h
Sound power level, indoors/outdoors	L _{WA}	41/62	dBA		
Annual energy consumption	Q _{HE}	1952	kWh		
For heat pump combination heater:					
Declared load profile	L		Water heating energy efficiency	ηwh	173 %
Daily electricity consumption	Qelec	2.800	kW/h		
Annual electricity consumption	AEC	621	kWh		
Contact details					

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(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9.