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IJA

IE

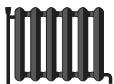
IA



Indoor unit

ERST17D-VM2E

Outdoor unit SUZ-SWM60VA2(-SC)



A+++

A++

A+

A

B

C

D

A++



A+

A

B

C

D

E

F

A+



41dB



60dB



05 kw

06 kw

06 kw



PRODUCT FICHE

Mitsubishi Electric Erp Directive Related Product Information: erp.mitsubishielectric.eu/erp
Details and precautions on installation, maintenance and assembly can be found in the installation and or operation manuals.
This information is based on EU regulation No 811/2013 and No 813/2013.

1. SPACE HEATER

For medium-temperature application	1	Outdoor unit		SUZ-SWM60VA2(-SC)
	2	Indoor unit		ERST17D-VM2E
	3	Medium-temperature application		✓
	6	Seasonal space heating energy efficiency class		A++
	8	Rated heat output under average climate conditions	kW	6
	11	Seasonal space heating energy efficiency under average climate conditions	%	136
	9	For space heating, annual energy consumption under average climate conditions	kWh	3560
	13	Sound power level L _{WA} indoor	dB	41
	15	Rated heat output under colder climate conditions	kW	5
	16	Rated heat output under warmer climate conditions	kW	6
	21	Seasonal space heating energy efficiency under colder climate conditions	%	107
	22	Seasonal space heating energy efficiency under warmer climate conditions	%	176
	17	For space heating, annual energy consumption under colder climate conditions	kWh	4501
	18	For space heating, annual energy consumption under warmer climate conditions	kWh	1787
	25	Sound power level L _{WA} outdoor	dB	60
For low-temperature application	4	Low-temperature application		✓
	6	Seasonal space heating energy efficiency class		A+++
	8	Rated heat output under average climate conditions	kW	6
	11	Seasonal space heating energy efficiency under average climate conditions	%	189
	9	For space heating, annual energy consumption under average climate conditions	kWh	2626
	13	Sound power level L _{WA} indoor	dB	41
	15	Rated heat output under colder climate conditions	kW	5
	16	Rated heat output under warmer climate conditions	kW	6
	21	Seasonal space heating energy efficiency under colder climate conditions	%	157
	22	Seasonal space heating energy efficiency under warmer climate conditions	%	272
	17	For space heating, annual energy consumption under colder climate conditions	kWh	3088
	18	For space heating, annual energy consumption under warmer climate conditions	kWh	1165
	25	Sound power level L _{WA} outdoor	dB	60

2. COMBINATION HEATER

For medium-temperature application	1	Outdoor unit		SUZ-SWM60VA2(-SC)
	2	Indoor unit		ERST17D-VM2E
	3	Medium-temperature application		✓
	5	Declared load profile		L
	6	Seasonal space heating energy efficiency class		A++
	7	Water heating energy efficiency class		A+
	8	Rated heat output under average climate conditions	kW	6
	9	For space heating, annual energy consumption under average climate conditions	kWh	3560
	10	For water heating, annual electricity consumption under average climate conditions	kWh	786
	11	Seasonal space heating energy efficiency under average climate conditions	%	136
	12	Water heating energy efficiency under average climate conditions	%	135
	13	Sound power level L _{WA} indoor	dB	41
	14	Work only during off-peak hours		-
	15	Rated heat output under colder climate conditions	kW	5
	16	Rated heat output under warmer climate conditions	kW	6
For low-temperature application	17	For space heating, annual energy consumption under colder climate conditions	kWh	4501
	18	For space heating, annual energy consumption under warmer climate conditions	kWh	1787
	19	For water heating, annual energy consumption under colder climate conditions	kWh	956
	20	For water heating, annual energy consumption under warmer climate conditions	kWh	677
	21	Seasonal space heating energy efficiency under colder climate conditions	%	107
	22	Seasonal space heating energy efficiency under warmer climate conditions	%	176
	23	Water heating energy efficiency under colder climate conditions	%	110
	24	Water heating energy efficiency under warmer climate conditions	%	157
	25	Sound power level L _{WA} outdoor	dB	60
	4	Low-temperature application		✓
	5	Declared load profile		L
	6	Seasonal space heating energy efficiency class		A+++
	7	Water heating energy efficiency class		A+
	8	Rated heat output under average climate conditions	kW	6
	9	For space heating, annual energy consumption under average climate conditions	kWh	2626
	10	For water heating, annual electricity consumption under average climate conditions	kWh	786
	11	Seasonal space heating energy efficiency under average climate conditions	%	189
	12	Water heating energy efficiency under average climate conditions	%	135
	13	Sound power level L _{WA} indoor	dB	41
	14	Work only during off-peak hours		-
	15	Rated heat output under colder climate conditions	kW	5
	16	Rated heat output under warmer climate conditions	kW	6
	17	For space heating, annual energy consumption under colder climate conditions	kWh	3088
	18	For space heating, annual energy consumption under warmer climate conditions	kWh	1165
	19	For water heating, annual energy consumption under colder climate conditions	kWh	956
	20	For water heating, annual energy consumption under warmer climate conditions	kWh	677
	21	Seasonal space heating energy efficiency under colder climate conditions	%	157
	22	Seasonal space heating energy efficiency under warmer climate conditions	%	272
	23	Water heating energy efficiency under colder climate conditions	%	110
	24	Water heating energy efficiency under warmer climate conditions	%	157
	25	Sound power level L _{WA} outdoor	dB	60

	English Deutsch Français	Nederlands Español Italiano	Ελληνικά Português Dansk	Svenska Norsk Suomi
	This sheet describes the information in the product fiche in each language. Dieses Blatt beschreibt die Informationen auf dem Produktdatenblatt in jeder Sprache. Cette feuille décrit les informations de la fiche du produit dans chaque langue.	Dit blad bevat de informatie van de productspecificatietabel in elke taal. Esta hoja describe la información de la ficha del producto en cada idioma. Questo foglio descrive le informazioni contenute nella scheda prodotto in ciascuna lingua.	Σε αυτό το φύλλο περιγράφονται οι πληροφορίες του δελτίου προϊόντος σε κάθε γλώσσα. Nesta página estão descritas, em cada idioma, as informações contidas na ficha de produto. Dette ark beskriver oplysningerne i produktdatabladet på hvert sprog.	Det här arket beskriver informationen i informationsbladet på varje språk. Dette arket beskriver informasjonen i produkttabellen på hvert språk. Tässä asiakirjassa kerrotaan tuoteselosteen tiedot kullakin kielellä.
1	Outdoor unit Außengerät unité extérieure	buitenunit unidad exterior unità esterna	Εξωτερική μονάδα unidade exterior Udendørs enhed	Utomhusenhet Utendørsenhet Ulkoyksikkö
2	Indoor unit Innengerät unité intérieure	binnenunit unidad interior unità interna	Εσωτερική μονάδα unidade interior Indendørs enhed	Inomhusenhet Innendørsenhet Sisäyksikkö
3	Medium-temperature application Mitteltemperaturanwendung l'application à moyenne température	midentemperatuur-toepassing la aplicación de media temperatura le applicazioni a media temperatura	η εφαρμογή σε μέση θερμοκρασία a aplicação a média temperatura middeltemperatuurverwendelsen	mediumtemperaturapplikation Bruk ved middels temperatur keskilämpötilan sovellus
4	Low-temperature application Niedertemperaturanwendung l'application à basse température	lagetemperatuur-toepassing la aplicación de baja temperatura le applicazioni a bassa temperatura	η εφαρμογή σε χαμηλή θερμοκρασία a aplicação a baixa temperatura lavtemperatuurverwendelsen	lågtemperaturapplikation Bruk ved lav temperatur matalanlämpötilan sovellus
5	Declared load profile Angegebenes Lastprofil Profil de soutirage déclaré	Opgegeven capaciteitsprofiel Perfil de carga declarado Profilo di carico dichiarato	Δηλωμένο προφίλ φορτίου Perfil de carga declarado Angivet forbrugsprofil	Deklarerad belastningsprofil Deklarert belastningsprofil Ilmoitettu kuormitusprofiili
6	Seasonal space heating energy efficiency class die Klasse für die jahreszeitbedingte Raumheizungs-Energieeffizienz la classe d'efficacité énergétique saisonnière, pour le chauffage des locaux	de seizoensgebonden energie-efficiëntieklasse voor ruimteverwarming la clase de eficiencia energética estacional de calefacción la classe di efficienza energetica stagionale del riscaldamento d'ambiente	η τάξη ενεργειακής απόδοσης της εποχιακής θέρμανσης χώρου A classe de eficiência energética do aquecimento ambiente sazonal klassen for årsvirkningsgrad ved rumopvarmning	säsongsrelaterade energieffektivitetsklass vid rumsuppvärmning Sesongrelatert energieffektivitetsklasse for romopppvarming tilalämmytyksen kausittainen energiatehokkuusluokka
7	Water heating energy efficiency class die Klasse für die Warmwasserbereitungs-Energieeffizienz la classe d'efficacité énergétique, pour le chauffage de l'eau	de energie-efficiëntieklasse voor waterverwarming la clase de eficiencia energética del caldeo de agua la classe di efficienza energetica del riscaldamento dell'acqua	η τάξη ενεργειακής απόδοσης θέρμανσης νερού A classe de eficiência energética do aquecimento de água klassen for årsvirkningsgrad ved vandopvarmning	energieffektivitetsklass vid vattenuppvärmning Energieffektivitetsklasse for vannopppvarming vedenlämmytyksen energiatehokkuusluokka
8	Rated heat output under average climate conditions die Wärmenennleistung bei durchschnittlichen Klimaverhältnissen la puissance thermique nominale dans les conditions climatiques moyennes	de nominale warmteafgifte (onder gemiddelde klimaatomstandigheden) la potencia calorífica nominal(en condiciones climáticas medias) la potenza termica nominale(in condizioni climatiche medie)	η ονομαστική θερμική ισχύς(υπό μέσες κλιματικές συνθήκες) A potência calorífica nominal(em condições climáticas médias) den nominelle nytteeffekt(under gennemsnitlige klimaforhold)	Den nominella avgivna värmeeffekten(under genomsnittliga klimatförhållanden) Nominell varmeeffekt ved genomsnittlige klimaforhold nimellislämpöteho(keskimääräisissä ilmasto-olosuhteissa)
9	For space heating, annual energy consumption under average climate conditions für die Raumheizung, den jährlichen Energieverbrauch bei durchschnittlichen Klimaverhältnissen pour le chauffage des locaux, la consommation annuelle d'énergie(dans les conditions climatiques moyennes)	voor ruimteverwarming, het jaarlijkse energieverbruik(onder gemiddelde klimaatomstandigheden) para calentar espacios, el consumo anual de energía(en condiciones climáticas medias) per il riscaldamento d'ambiente, il consumo annuo di energia(in condizioni climatiche medie)	για τη θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας(υπό μέσες κλιματικές συνθήκες) Para o aquecimento ambiente, o consumo anual de energia(em condições climáticas médias) for rumopvarmning det årlige energiforbrug(under gennemsnitlige klimaforhold)	För rumsuppvärmning, årlig energiförbrukning(vid genomsnittliga klimatförhållanden) Årlig energiforbruk for romopppvarming ved genomsnittlige klimaforhold tilalämmytyksestä vuotuinen energiankulutus(keskimääräisissä ilmasto-olosuhteissa)
10	For water heating, annual electricity consumption under average climate conditions für die Warmwasserbereitung, den jährlichen Stromverbrauch bei durchschnittlichen Klimaverhältnissen pour le chauffage de l'eau, la consommation annuelle d'électricité(dans les conditions climatiques moyennes)	voor waterverwarming, het jaarlijkse elektriciteitsverbruik(onder gemiddelde klimaatomstandigheden) para calentar agua, el consumo anual de electricidad(en condiciones climáticas medias) per il riscaldamento dell'acqua, il consumo annuo di energia(in condizioni climatiche medie)	για την θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας(υπό μέσες κλιματικές συνθήκες) para o aquecimento de água, o consumo anual de eletricidade(em condições climáticas médias) for vandopvarmning det årlige elforbrug(under gennemsnitlige klimaforhold)	För vattenuppvärmning, årlig elförbrukning(vid genomsnittliga klimatförhållanden) Årlig strömforbruk for vannopppvarming ved genomsnittlige klimaforhold vedenlämmytyksestä vuotuinen sähkönkulutus(keskimääräisissä ilmasto-olosuhteissa)
11	Seasonal space heating energy efficiency under average climate conditions die jahreszeitbedingte Raumheizungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen l'efficacité énergétique saisonnière pour le chauffage des locaux(dans les conditions climatiques moyennes)	de seizoensgebonden energie-efficiëntie voor ruimteverwarming(onder gemiddelde klimaatomstandigheden) la eficiencia energética estacional de calefacción(en condiciones climáticas medias) l'efficienza energetica stagionale di riscaldamento d'ambiente(in condizioni climatiche medie)	η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου(υπό μέσες κλιματικές συνθήκες) A eficiência energética do aquecimento ambiente sazonal(em condições climáticas médias) årsvirkningsgraden ved rumopvarmning(under gennemsnitlige klimaforhold)	Säsongsmedelverkningsgrad för rumsuppvärmning(vid genomsnittliga klimatförhållanden) Sesongrelatert energieffektivitet for romopppvarming ved genomsnittlige klimaforhold tilalämmytyksen kausittainen energiatehokkuus(keskimääräisissä ilmasto-olosuhteissa)
12	Water heating energy efficiency under average climate conditions die Warmwasserbereitungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen l'efficacité énergétique pour le chauffage de l'eau(dans les conditions climatiques moyennes)	de energie-efficiëntie voor waterverwarming(onder gemiddelde klimaatomstandigheden) la eficiencia energética del caldeo de agua(en condiciones climáticas medias) l'efficienza energetica di riscaldamento dell'acqua(in condizioni climatiche medie)	η ενεργειακή απόδοση θέρμανσης νερού(υπό μέσες κλιματικές συνθήκες) a eficiência energética do aquecimento de água(em condições climáticas médias) energieeffektiviteten ved vandopvarmning(under gennemsnitlige klimaforhold)	Energieffektivitet ved vattenuppvärmning(vid genomsnittliga klimatförhållanden) Energieffektivitet for vannopppvarming ved genomsnittlige klimaforhold vedenlämmytyksen energiatehokkuus(keskimääräisissä ilmasto-olosuhteissa)
13	Sound power level L _{WA} indoor der Schalleistungspegel L _{WA} , in Gebäuden le niveau de puissance acoustique L _{WA} , à l'intérieur	het geluidsvermogensniveau L _{WA} binnen el nivel de potencia acústica L _{WA} en interiores il livello di potenza sonora L _{WA} all'interno	η στάθμη ηχητικής ισχύος L _{WA} εσωτερικού χώρου O nível de potência sonora L _{WA} no interior lydeeffektniveauet L _{WA} i inde	Ljudeffektivnivå L _{WA} i inomhus Lydeffektivnivå L _{WA} innendørs äänitehotaso L _{WA} sisällä
14	Work only during off-peak hours dass ein ausschließlicher Betrieb des Kombiheizgerätes zu Schwachlastzeiten fonctionner qu'en heures creuses	werken uitsluitend in de daluren funcionar solamente durante las horas de baja demanda funzione soltanto durante le ore morte	λειτουργία μόνο εκτός των ωρών αιχμής de funcionar unicamente fora das horas de pico fungere uden for spidsbelastningsperioder	drivas uteslutande under perioder med låg belastning Bruk kun i perioder med lav belastning toimimaan ainoastaan kulutushuippujen ulkopuolella
15	Rated heat output under colder climate conditions die Wärmenennleistung bei kälteren Klimaverhältnissen la puissance thermique nominale, dans les conditions climatiques plus froides	de nominale warmteafgifte, onder koudere klimaatomstandigheden la potencia calorífica nominal en condiciones climáticas más frías la potenza termica nominale, in condizioni climatiche più fredde	η ονομαστική θερμική ισχύς υπό ψυχρότερες κλιματικές συνθήκες A potência calorífica nominal em condições climáticas mais frias den nominelle nytteeffekt under koldere klimaforhold	Nominell avgiven värmeeffekt vid kallare klimatförhållanden Nominell varmeeffekt ved kaldere klimaforhold nimellislämpöteho, kylmissä ilmasto-olosuhteissa
16	Rated heat output under warmer climate conditions die Wärmenennleistung bei wärmeren Klimaverhältnissen la puissance thermique nominale, dans les conditions climatiques plus chaudes	de nominale warmteafgifte, onder warmere klimaatomstandigheden la potencia calorífica nominal en condiciones climáticas más cálidas la potenza termica nominale, in condizioni climatiche più calde	η ονομαστική θερμική ισχύς υπό θερμότερες κλιματικές συνθήκες A potência calorífica nominal em condições climáticas mais quentes den nominelle nytteeffekt under varmere klimaforhold	Nominell avgiven värmeeffekt vid varmare klimatförhållanden Nominell varmeeffekt ved varmere klimaforhold nimellislämpöteho, lämpimissä ilmasto-olosuhteissa
17	For space heating, annual energy consumption under colder climate conditions für die Raumheizung, der jährliche Energieverbrauch bei kälteren Klimaverhältnissen pour le chauffage des locaux, la consommation annuelle d'énergie, dans les conditions climatiques plus froides	voor ruimteverwarming, het jaarlijkse energieverbruik onder koudere klimaatomstandigheden para calentar espacios, el consumo anual de energía en condiciones climáticas más frías per il riscaldamento d'ambiente, il consumo annuo di energia, in condizioni climatiche più fredde	για θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας υπό ψυχρότερες κλιματικές συνθήκες Para o aquecimento ambiente, o consumo anual de energia em condições climáticas mais frias for rumopvarmning det årlige energiforbrug under koldere klimaforhold	För rumsuppvärmning, årlig energiförbrukning under kallare klimatförhållanden Årlig energiforbruk for romopppvarming ved kaldere klimaforhold tilalämmytyksestä vuotuinen energiankulutus kylmissä ilmasto-olosuhteissa
18	For space heating, annual energy consumption under warmer climate conditions für die Raumheizung, der jährliche Energieverbrauch bei wärmeren Klimaverhältnissen pour le chauffage des locaux, la consommation annuelle d'énergie, dans les conditions climatiques plus chaudes	voor ruimteverwarming, het jaarlijkse energieverbruik onder warmere klimaatomstandigheden para calentar espacios, el consumo anual de energía en condiciones climáticas más cálidas per il riscaldamento d'ambiente, il consumo annuo di energia, in condizioni climatiche più calde	για θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας υπό θερμότερες κλιματικές συνθήκες Para o aquecimento ambiente, o consumo anual de energia em condições climáticas mais quentes for rumopvarmning det årlige energiforbrug under varmere klimaforhold	För rumsuppvärmning, årlig energiförbrukning under varmare klimatförhållanden Årlig energiforbruk for romopppvarming ved varmere klimaforhold tilalämmytyksestä vuotuinen energiankulutus lämpimissä ilmasto-olosuhteissa
19	For water heating, annual energy consumption under colder climate conditions für die Warmwasserbereitung, der jährliche Stromverbrauch bei kälteren Klimaverhältnissen pour le chauffage de l'eau, la consommation annuelle d'électricité, dans les conditions climatiques plus froides	voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder koudere klimaatomstandigheden para calentar agua, el consumo anual de electricidad en condiciones climáticas más frías per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde	για θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας υπό ψυχρότερες κλιματικές συνθήκες para o aquecimento de água, o consumo anual de eletricidade em condições climáticas mais frias for vandopvarmning det årlige elforbrug under koldere klimaforhold	För vattenuppvärmning, årlig elförbrukning under kallare klimatförhållanden Årlig energiforbruk for vannopppvarming ved kaldere klimaforhold vedenlämmytyksestä vuotuinen sähkönkulutus kylmissä ilmasto-olosuhteissa
20	For water heating, annual energy consumption under warmer climate conditions für die Warmwasserbereitung, der jährliche Stromverbrauch bei wärmeren Klimaverhältnissen pour le chauffage de l'eau, la consommation annuelle d'électricité, dans les conditions climatiques plus chaudes	voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder warmere klimaatomstandigheden para calentar agua, el consumo anual de electricidad en condiciones climáticas más cálidas per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più calde	για θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας υπό θερμότερες κλιματικές συνθήκες para o aquecimento de água, o consumo anual de eletricidade em condições climáticas mais quentes for vandopvarmning det årlige elforbrug under varmere klimaforhold	För vattenuppvärmning, årlig elförbrukning under varmare klimatförhållanden Årlig energiforbruk for vannopppvarming ved varmere klimaforhold vedenlämmytyksestä vuotuinen sähkönkulutus lämpimissä ilmasto-olosuhteissa
21	Seasonal space heating energy efficiency under colder climate conditions die jahreszeitbedingte Raumheizungs-Energieeffizienz bei kälteren Klimaverhältnissen l'efficacité énergétique saisonnière pour le chauffage des locaux, dans les conditions climatiques plus froides	de seizoensgebonden energie-efficiëntie voor ruimteverwarming onder koudere klimaatomstandigheden la eficiencia energética estacional de calefacción en condiciones climáticas más frías l'efficienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più fredde	η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου υπό ψυχρότερες κλιματικές συνθήκες A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais frias årsvirkningsgraden ved rumopvarmning under koldere klimaforhold	Säsongsmedelverkningsgrad för rumsuppvärmning under kallare klimatförhållanden Sesongrelatert energieffektivitet for romopppvarming ved kaldere klimaforhold tilalämmytyksen kausittainen energiatehokkuus kylmissä ilmasto-olosuhteissa
22	Seasonal space heating energy efficiency under warmer climate conditions die jahreszeitbedingte Raumheizungs-Energieeffizienz bei wärmeren Klimaverhältnissen l'efficacité énergétique saisonnière pour le chauffage des locaux, dans les conditions climatiques plus chaudes	de seizoensgebonden energie-efficiëntie voor ruimteverwarming onder warmere klimaatomstandigheden la eficiencia energética estacional de calefacción en condiciones climáticas más cálidas l'efficienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più calde	η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου υπό θερμότερες κλιματικές συνθήκες A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais quentes årsvirkningsgraden ved rumopvarmning under varmere klimaforhold	Säsongsmedelverkningsgrad för rumsuppvärmning under varmare klimatförhållanden Sesongrelatert energieffektivitet for romopppvarming ved varmere klimaforhold tilalämmytyksen kausittainen energiatehokkuus lämpimissä ilmasto-olosuhteissa
23	Water heating energy efficiency under colder climate conditions die Warmwasserbereitungs-Energieeffizienz bei kälteren Klimaverhältnissen l'efficacité énergétique pour le chauffage de l'eau, dans les conditions climatiques plus froides	de energie-efficiëntie voor waterverwarming onder koudere klimaatomstandigheden la eficiencia energética de caldeo de agua en condiciones climáticas más frías l'efficienza energetica di riscaldamento dell'acqua in condizioni climatiche più fredde	η ενεργειακή απόδοση της θέρμανσης νερού υπό ψυχρότερες κλιματικές συνθήκες a eficiência energética do aquecimento de água em condições climáticas mais frias energieeffektiviteten ved vandopvarmning under koldere klimaforhold	Energieffektivitet ved vattenuppvärmning under kallare klimatförhållanden Energieffektivitet for vannopppvarming ved kaldere klimaforhold vedenlämmytyksen energiatehokkuus kylmissä ilmasto-olosuhteissa
24	Water heating energy efficiency under warmer climate conditions die Warmwasserbereitungs-Energieeffizienz bei wärmeren Klimaverhältnissen l'efficacité énergétique pour le chauffage de l'eau, dans les conditions climatiques plus chaudes	de energie-efficiëntie voor waterverwarming onder warmere klimaatomstandigheden la eficiencia energética de caldeo de agua en condiciones climáticas más cálidas l'efficienza energetica di riscaldamento dell'acqua in condiciones climatiche più calde	η ενεργειακή απόδοση της θέρμανσης νερού υπό θερμότερες κλιματικές συνθήκες a eficiência energética do aquecimento de água em condições climáticas mais quentes energieeffektiviteten ved vandopvarmning under varmere klimaforhold	Energieffektivitet ved vattenuppvärmning under varmare klimatförhållanden Energieffektivitet for vannopppvarming ved varmere klimaforhold vedenlämmytyksen energiatehokkuus lämpimissä ilmasto-olosuhteissa
25	Sound power level L _{WA} outdoor der Schalleistungspegel L _{WA} im Freien le niveau de puissance acoustique L _{WA} à l'extérieur	het geluidsvermogensniveau L _{WA} buiten el nivel de potencia acústica L _{WA} en exteriores il livello di potenza sonora L _{WA} all'esterno	η στάθμη ηχητικής ισχύος L _{WA} εξωτερικού χώρου O nível de potência sonora L _{WA} no exterior lydeeffektniveau L _{WA} i ude	Ljudeffektivnivå L _{WA} i utomhus Lydeffektivnivå L _{WA} utendørs äänitehotaso L _{WA} ulkona

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM60VA2(-SC)
	Indoor unit:	ERST17D-VM2E
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		yes
Parameters for		medium-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit			
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	136	%			
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature T j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature T j						
Tj = - 7°C	Pdh	5.3	kW	Tj = - 7°C	COPd	1.95				
Degradation co-efficient(**)	Cdh	0.99								
Tj = + 2°C	Pdh	3.3	kW	Tj = + 2°C	COPd	3.42				
Degradation co-efficient(**)	Cdh	0.98								
Tj = + 7°C	Pdh	2.6	kW	Tj = + 7°C	COPd	4.72				
Degradation co-efficient(**)	Cdh	0.97								
Tj = + 12°C	Pdh	3.5	kW	Tj = + 12°C	COPd	6.95				
Degradation co-efficient(**)	Cdh	0.97								
Tj = bivalent temperature	Pdh	5.3	kW	Tj = bivalent temperature	COPd	1.95				
Tj = operation limit temperature(***)	Pdh	5.0	kW	Tj = operation limit temperature(***)	COPd	1.91				
Bivalent temperature	Tbiv	-7	°C	Operation limit temperature	TOL	-25	°C			
Reference design conditions for space heating	Tdesignh	-10	°C	Heating water operating limit temperature	WTOL	60	°C			
Power consumption in modes other than active mode				Supplementary heater						
Off mode	P _{OFF}	0.015	kW	Rated heat output(*)	P _{sup}	1.0	kW			
Thermostat-off mode	P _{TO}	0.015	kW	Type of energy input	Electrical					
Standby mode	P _{SB}	0.015	kW							
Crankcase heater mode	P _{CK}	0.000	kW							
Other items										
Capacity control	variable									
Sound power level, indoors/outdoors	L _{WA}	41 / 60	dB							
Annual energy consumption	Q _{HE}	3560	kWh	Rated air flow rate, outdoors1810m³/h						
For heat pump combination heater:										
Declared load profile	L			Water heating energy efficiencyηwh135%						
Daily electricity consumption	Qelec	3.570	kWh							
Annual electricity consumption	AEC	786	kWh							

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

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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.

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

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM60VA2(-SC)
	Indoor unit:	ERST17D-VM2E
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		yes
Parameters for	low-temperature application.	
Parameters for	average climate conditions.	

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit					
Rated heat output (*)	Prated	6.1	kW	Seasonal space heating energy efficiency	ηs	189	%					
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature T j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature T j								
Tj = - 7°C	Pdh	5.4	kW	Tj = - 7°C	COPd	2.79						
Degradation co-efficient(**)	Cdh	0.99										
Tj = + 2°C	Pdh	3.3	kW	Tj = + 2°C	COPd	4.73						
Degradation co-efficient(**)	Cdh	0.98										
Tj = + 7°C	Pdh	3.2	kW	Tj = + 7°C	COPd	6.22						
Degradation co-efficient(**)	Cdh	0.97										
Tj = + 12°C	Pdh	3.2	kW	Tj = + 12°C	COPd	9.90						
Degradation co-efficient(**)	Cdh	0.95										
Tj = bivalent temperature	Pdh	6.1	kW	Tj = bivalent temperature	COPd	2.54						
Tj = operation limit temperature(***)	Pdh	6.1	kW	Tj = operation limit temperature(***)	COPd	2.54						
Bivalent temperature	Tbiv	-10	°C	Operation limit temperature	TOL	-25	°C					
Reference design conditions for space heating	Tdesignh	-10	°C	Heating water operating limit temperature	WTOL	60	°C					
Power consumption in modes other than active mode				Supplementary heater								
Off mode	P _{OFF}	0.015	kW	Rated heat output(*)	Psup	0.0	kW					
Thermostat-off mode	P _{TO}	0.015	kW									
Standby mode	P _{SB}	0.015	kW	Type of energy input	Electrical							
Crankcase heater mode	P _{CK}	0.000	kW									
Other items												
Capacity control	variable			Rated air flow rate, outdoors								
Sound power level, indoors/outdoors	L _{WA}	41 / 60	dB									
Annual energy consumption	Q _{HE}	2626	kWh									
For heat pump combination heater:												
Declared load profile	L			Water heating energy efficiency	ηwh	135	%					
Daily electricity consumption	Qelec	3.570	kWh									
Annual electricity consumption	AEC	786	kWh									

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

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

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM60VA2(-SC)
	Indoor unit:	ERST17D-VM2E
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		yes
Parameters for		medium-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	5.0	kW	Seasonal space heating energy efficiency	ηs	107	%
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature T j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature T j			
Tj = - 7°C	Pdh	3.3	kW	Tj = - 7°C	COPd	2.38	
Degradation co-efficient(**)	Cdh	0.99					
Tj = + 2°C	Pdh	2.8	kW	Tj = + 2°C	COPd	3.31	
Degradation co-efficient(**)	Cdh	0.98					
Tj = + 7°C	Pdh	3.0	kW	Tj = + 7°C	COPd	4.89	
Degradation co-efficient(**)	Cdh	0.98					
Tj = + 12°C	Pdh	3.0	kW	Tj = + 12°C	COPd	9.74	
Degradation co-efficient(**)	Cdh	0.95					
Tj = bivalent temperature	Pdh	4.1	kW	Tj = bivalent temperature	COPd	1.34	
Tj = operation limit temperature(***)	Pdh	3.5	kW	Tj = operation limit temperature(***)	COPd	1.27	
Tj = - 15°C (if TOL < - 20°C)	Pdh	4.1	kW	Tj = - 15°C (if TOL < - 20°C)	COPd	1.34	
Bivalent temperature	Tbiv	-15	°C	Operation limit temperature	TOL	-18	°C
Reference design conditions for space heating	Tdesignh	-22	°C	Heating water operating limit temperature	WTOL	60	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	P _{OFF}	0.015	kW	Rated heat output(*)	P _{sup}	5.0	kW
Thermostat-off mode	P _{TO}	0.015	kW	Type of energy input	Electrical		
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	1810 m³/h		
Sound power level, indoors/outdoors	L _{WA}	41 / 60	dB				
Annual energy consumption	Q _{HE}	4501	kWh				

For heat pump combination heater:							
Declared load profile	L			Water heating energy efficiency	η _{wh}	110	%
Daily electricity consumption	Q _{elec}	4.350	kWh				
Annual electricity consumption	AEC	956	kWh				

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

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

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM60VA2(-SC)
	Indoor unit:	ERST17D-VM2E
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		yes
Parameters for		low-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit			
Rated heat output (*)	Prated	5.0	kW	Seasonal space heating energy efficiency	ηs	157	%			
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature T j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature T j						
Tj = - 7°C	Pdh	3.1	kW	Tj = - 7°C	COPd	3.52				
Degradation co-efficient(**)	Cdh	0.98								
Tj = + 2°C	Pdh	2.8	kW	Tj = + 2°C	COPd	4.95				
Degradation co-efficient(**)	Cdh	0.97								
Tj = + 7°C	Pdh	3.1	kW	Tj = + 7°C	COPd	6.45				
Degradation co-efficient(**)	Cdh	0.97								
Tj = + 12°C	Pdh	3.1	kW	Tj = + 12°C	COPd	9.55				
Degradation co-efficient(**)	Cdh	0.95								
Tj = bivalent temperature	Pdh	4.1	kW	Tj = bivalent temperature	COPd	1.93				
Tj = operation limit temperature(***)	Pdh	4.2	kW	Tj = operation limit temperature(***)	COPd	1.86				
Tj = - 15°C (if TOL < - 20°C)	Pdh	4.1	kW	Tj = - 15°C (if TOL < - 20°C)	COPd	1.93				
Bivalent temperature	Tbiv	-15	°C	Operation limit temperature	TOL	-25	°C			
Reference design conditions for space heating	Tdesignh	-22	°C	Heating water operating limit temperature	WTOL	60	°C			
Power consumption in modes other than active mode				Supplementary heater						
Off mode	P _{OFF}	0.015	kW	Rated heat output(*)	P _{sup}	0.8	kW			
Thermostat-off mode	P _{TO}	0.015	kW	Type of energy input	Electrical					
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 / 60	dB							
Annual energy consumption	Q _{HE}	3088	kWh							
For heat pump combination heater:										
Declared load profile	L			Water heating energy efficiency						
Daily electricity consumption	Q _{elec}	4.350	kWh							
Annual electricity consumption	AEC	956	kWh							

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

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

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM60VA2(-SC)
	Indoor unit:	ERST17D-VM2E
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		yes
Parameters for		medium-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit			
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	176	%			
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature T j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature T j						
Tj = - 7°C	Pdh	-	kW	Tj = - 7°C	COPd	-				
Degradation co-efficient(**)	Cdh	-								
Tj = + 2°C	Pdh	6.0	kW	Tj = + 2°C	COPd	2.17				
Degradation co-efficient(**)	Cdh	1.00								
Tj = + 7°C	Pdh	3.9	kW	Tj = + 7°C	COPd	3.58				
Degradation co-efficient(**)	Cdh	0.99								
Tj = + 12°C	Pdh	2.9	kW	Tj = + 12°C	COPd	6.44				
Degradation co-efficient(**)	Cdh	0.97								
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	2.17				
Tj = operation limit temperature(***)	Pdh	6.0	kW	Tj = operation limit temperature(***)	COPd	2.17				
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-25	°C			
Reference design conditions for space heating	Tdesignh	2	°C	Heating water operating limit temperature	WTOL	60	°C			
Power consumption in modes other than active mode				Supplementary heater						
Off mode	P _{OFF}	0.015	kW	Rated heat output(*)	P _{sup}	0.0	kW			
Thermostat-off mode	P _{TO}	0.015	kW	Type of energy input	Electrical					
Standby mode	P _{SB}	0.015	kW							
Crankcase heater mode	P _{CK}	0.000	kW							
Other items										
Capacity control	variable									
Sound power level, indoors/outdoors	L _{WA}	41 / 60	dB							
Annual energy consumption	Q _{HE}	1787	kWh	Rated air flow rate, outdoors1810m³/h						
For heat pump combination heater:										
Declared load profile	L			Water heating energy efficiencyηwh157%						
Daily electricity consumption	Qelec	3.080	kWh							
Annual electricity consumption	AEC	677	kWh							

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

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

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SWM60VA2(-SC)
	Indoor unit:	ERST17D-VM2E
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		yes
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit		
Rated heat output (*)	Prated	6.0	kW	Seasonal space heating energy efficiency	ηs	272	%		
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature T j				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20°C and outdoor temperature T j					
Tj = - 7°C	Pdh	-	kW	Tj = - 7°C	COPd	-			
Degradation co-efficient(**)	Cdh	-							
Tj = + 2°C	Pdh	6.0	kW	Tj = + 2°C	COPd	3.56			
Degradation co-efficient(**)	Cdh	0.99							
Tj = + 7°C	Pdh	3.9	kW	Tj = + 7°C	COPd	5.66			
Degradation co-efficient(**)	Cdh	0.98							
Tj = + 12°C	Pdh	3.3	kW	Tj = + 12°C	COPd	9.70			
Degradation co-efficient(**)	Cdh	0.96							
Tj = bivalent temperature	Pdh	6.0	kW	Tj = bivalent temperature	COPd	3.56			
Tj = operation limit temperature(***)	Pdh	6.0	kW	Tj = operation limit temperature(***)	COPd	3.56			
Bivalent temperature	Tbiv	2	°C	Operation limit temperature	TOL	-25	°C		
Reference design conditions for space heating	Tdesignh	2	°C	Heating water operating limit temperature	WTOL	60	°C		
Power consumption in modes other than active mode				Supplementary heater					
Off mode	P _{OFF}	0.015	kW	Rated heat output(*)	Psup	0.0	kW		
Thermostat-off mode	P _{TO}	0.015	kW						
Standby mode	P _{SB}	0.015	kW	Type of energy input	Electrical				
Crankcase heater mode	P _{CK}	0.000	kW						
Other items									
Capacity control	variable			Rated air flow rate, outdoors	1810 m³/h				
Sound power level, indoors/outdoors	L _{WA}	41 / 60	dB						
Annual energy consumption	Q _{HE}	1165	kWh						
For heat pump combination heater:									
Declared load profile	L			Water heating energy efficiency	ηwh	157	%		
Daily electricity consumption	Qelec	3.080	kWh						
Annual electricity consumption	AEC	677	kWh						

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