



Mitsubishi Electric Erp Directive Related Product Information: erp.mitsubishielectric.eu/erp

PRODUCT FICHE

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 813/2014.

1.SPACE HEATER 22 17 18 25 4 6 8 Ratech heat output under service and conditions output professions out Read has began under warmer compared over discovery selection of the confidence selection of the confidence selection of the confidence selection of the confidence confidence that confidence confidence selection of the confidence that confidence the confidence that confidence t Low-temperature application
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2.COMBINATION HEAT	T.D.	For medium-temperature application For low-tempera	atura application
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	ERST17D-****D	✓ L A++ A+ 6 3779 880 128 134 41 - 6 6 5147 2027 1060 846 112 155 105 135 54 ✓ L A+++ A+ 6 2646 880 184 134 41 -	6 6 4251 1453 1060 846 136 218 105 135 54
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	EHST17D-****D	✓ L A++ A+ 8 5016 880 129 134 41 - 8 8 6890 2584 1060 846 111 162 105 135 54 ✓ L A+++ A+ 8 3599 880 181 134 41 -	8 8 5460 1928 1060 846 141 219 105 135 54
	ERST17D-****D	✓ L A++ A+ 8 4961 880 130 134 41 - 8 8 6857 2517 1060 846 112 167 105 135 54 ✓ L A+++ A+ 8 3543 880 184 134 41 -	8 8 5427 1862 1060 846 142 227 105 135 54
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	EHST17D-****D	✓ L A++ A+ 8 5053 880 128 134 41 - 8 6923 2629 1060 846 111 160 105 135 54 ✓ L A+++ A+ 8 3636 880 179 134 41 -	8 8 5493 1973 1060 846 141 214 105 135 54
	ERST17D-****D	L A++ A+ B 4972 880 130 134 41 - B 8 6875 2532 1060 846 112 166 105 135 54 V L A+++ A+ B 3555 880 183 134 41 -	8 8 5444 1876 1060 846 142 225 105 135 54
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	EHST20D-****D	√ L A++ A+ 10 6106 898 132 134 41 · 10 10 8813 3362 1044 841 109 156 109 139 58 √ L A+++ A+ 10 4564 898 178 134 41 ·	10 10 6575 2369 1044 841 147 223 109 139 58
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	ERST30D-****D	√ XL A++ A+ 12 7395 1417 132 123 41 - 12 10640 4049 1759 1176 109 157 98 149 58 √ XL A++ A+ 12 5511 4417 178 123 41 -	12 12 8257 2816 1759 1176 141 227 98 149 58
	EHST20D-****D	✓ L A++ A+ 12 7485 888 131 134 41 - 12 12 10698 4157 1044 841 109 153 109 139 58 ✓ L A+++ A+ 12 5600 898 176 134 41 -	12 12 8316 2922 1044 841 140 218 109 139 58
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	EHST30D-****D	XL A++ A+ 12 7485 1417 131 123 41 - 12 10698 4157 1759 1176 109 153 98 149 58 V XL A+++ A+ 12 5600 1417 176 123 41 -	12 12 8316 2922 1759 1176 140 218 98 149 58
	ERST30D-****D	XL A++ A+ 12 7404 1417 132 123 41 - 12 10649 460 1759 1176 109 156 98 149 58 V XL A+++ A+ 12 5520 1417 178 123 41 -	12 12 8267 2825 1759 1176 141 226 98 149 58
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	ERST17D-****D	✓ L A++ A+ 6 3706 880 131 134 41 - 6 4960 1914 1060 846 116 165 105 135 54 ✓ L A+++ A+ 6 2600 880 188 134 41 -	6 6 4168 1371 1060 846 139 231 105 135 54
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	ERST17D-****D	✓ L A++ A+ 8 4849 880 133 134 41 - 8 6672 2454 1060 846 115 171 105 135 54 ✓ L A+++ A+ 8 3475 880 187 134 41 -	8 8 5266 1808 1060 846 147 233 105 135 54
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	ERST30D-****D	J XL A++ A+ B 4849 1417 133 123 41 - B 6672 2454 1759 1176 115 171 98 149 54 J XL A+++ A+ B 3475 1417 187 123 41 -	8 8 5266 1808 1759 1176 147 233 98 149 54
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	ERST17D-****D	J L A++ A+ B 4860 880 133 134 41 - B 6689 2469 1060 846 115 170 105 135 54 J L A++ A+ B 3487 880 187 134 41 -	8 8 5284 1823 1060 846 146 232 105 135 54
	ERST17D-***BD	√ L A++ A+ B 4860 880 133 134 41 - B 8 6689 2469 1060 846 115 170 105 135 54 √ L A++ A+ B 3487 880 187 134 41 -	8 8 5284 1823 1060 846 146 232 105 135 54
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PUZ-SHWM100VAA	EHST30D-****D	✓ XL A++ A+ 10 5936 1417 136 123 41 - 10 10 8272 3204 1759 1176 116 164 98 149 58 ✓ XL A+++ A+ 10 4444 1417 183 123 41 -	10 10 6480 2233 1759 1176 149 236 98 149 58
	ERST30D-****D	✓ XL A++ A+ 10 5881 1417 138 123 41 - 10 10 8239 3138 1759 1176 117 167 98 149 58 ✓ XL A+++ A+ 10 4389 1417 185 123 41 -	10 10 6447 2167 1759 1176 150 244 98 149 58
	EHST20D-****D	✓ L A++ A+ 10 5972 898 135 134 41 - 10 10 8298 3246 1044 841 116 162 109 139 58 ✓ L A+++ A+ 10 4480 988 181 134 41 -	10 10 6508 2276 1044 841 149 232 109 139 58
	ERST20D-****D	√ L A++ A+ 10 5891 589 137 134 41 - 10 10 102 103 139 58 ✓ L A+++ A+ 10 4399 898 185 134 41 -	10 10 6459 2179 1044 841 150 242 109 139 58
PUZ-SHWM100YAA	EHST30D-****D	✓ L A++ A+ 10 3091 1417 131 123 41 - 10 100 324 117 116 116 20 149 149 58 ✓ XL A+++ A++ <	10 10 6409 2179 1044 841 150 242 109 139 58 10 10 6508 2276 1759 1176 149 232 98 149 58
1	ERST30D-****D		
	EHST20D-****D	✓ L A++ A+ 12 7169 898 136 134 41 - 12 12 9902 3952 1044 841 117 161 109 139 58 ✓ L A+++ A+ 12 581 898 179 134 41 - ✓ A++ A+ A+ 102 548 898 179 134 41 - A++ A++ A+++ A+ 12 548 898 179 134 41 - A++ A+++ A+++ A+ 12 548 898 179 134 41 - A+++	12 12 7843 2753 1044 841 149 232 109 139 58
PUZ-SHWM120VAA	ERST20D-****D	✓ L A++ A+ 12 714 898 138 134 41 - 12 12 12 9898 388 1044 841 118 163 109 139 58 ✓ L A+++ A+ 12 526 898 181 134 41 -	12 12 7810 2687 1044 841 150 238 109 139 58
	EHST30D-****D	XL A++ A+ 12 7169 1417 136 123 41 - 12 19902 3952 1759 1176 117 161 98 149 58 V XL A+++ A+ 12 5481 1417 179 123 41 -	12 12 7843 2753 1759 1176 149 232 98 149 58
	ERST30D-****D	XL A++ A+ 12 7114 1417 138 123 41 - 12 1869 3886 1759 1176 118 163 98 149 58 V XL A+++ A+ 12 5426 1417 181 123 41 -	12 12 7810 2687 1759 1176 150 238 98 149 58
	EHST20D-****D	✓ L A++ A+ 12 7204 898 136 134 41 - 12 9927 3995 1044 841 117 159 109 139 58 ✓ L A++ A+ 12 5516 898 178 134 41 -	12 12 7868 2793 1044 841 149 228 109 139 58
PUZ-SHWM120YAA	ERST20D-****D	✓ L A++ A+ 12 7123 898 137 134 41 - 12 9878 3898 1044 841 118 163 109 139 58 ✓ L A++ A+ 12 5435 898 181 134 41 -	12 12 7819 2696 1044 841 150 237 109 139 58
	EHST30D-****D	XL A++ A+ 12 7204 1417 136 123 41 - 12 9927 3995 1759 1176 1176 117 159 98 149 58 V XL A++ A+ 12 5516 1417 178 123 41 -	12 12 7868 2793 1759 1176 149 228 98 149 58
	ERST30D-****D	XL A++ A+ 12 7123 1417 137 123 41 - 12 9878 3898 1759 1176 118 163 98 149 58 V XL A++ A+ 12 5435 1417 181 123 41 -	12 12 7819 2696 1759 1176 150 237 98 149 58
	EHST20D-****D	J L A++ A+ 14 8021 965 141 123 41 - 14 1165 475 1070 888 115 156 105 130 58 ✓ L A++ A+	14 14 8841 3279 1070 888 153 225 105 130 58
PUZ-SHWM140VAA	ERST20D-****D	√ L A++ A+ 14 7965 965 142 123 41 - 14 11617 4649 1070 888 116 158 105 130 58 √ L A+++ A+ 14 6172 965 184 123 41 -	14 14 8807 3212 1070 888 154 230 105 130 58
PUZ-SHWM140VAA	EHST30D-****D	√ XL A++ A 14 8021 1610 141 114 41 - 14 11650 4715 1755 1434 115 156 104 130 58 √ XL A+++ A 14 6227 1610 183 114 41 -	14 14 8841 3279 1755 1434 153 225 104 130 58
	ERST30D-****D	✓ XL A++ A 14 7965 1610 142 114 41 - 14 11617 4649 1755 1434 116 158 104 130 58 ✓ XL A+++ A 14 6172 1610 184 114 41 -	14 14 8807 3212 1755 1434 154 230 104 130 58
	EHST20D-****D	✓ L A++ A+ 14 4055 965 141 123 41 - 14 14 11674 4757 1070 888 115 154 105 130 58 ✓ L A+++ A+ 14 6262 965 182 123 41 -	14 14 8865 3319 1070 888 153 222 105 130 58
	ERST20D-****D	✓ L A++ A+ 14 14 23 41 - 14 14 1182 465 1070 888 116 158 105 130 58 ✓ L A+++ A+ 14 6181 965 184 123 41 - 14 14 1182 965 184 123 41 - 14 14 1182 965 184 123 41 -	14
PUZ-SHWM140YAA	EHST30D-****D	V L A++ A+ 14 7374 950 142 123 41 - 14 1623 405 100	14
1	2110130D- D		5555 5515 1155 1157 155 222 157 150 36

η σταθμή ηχητικής ισχύος L _{.w.a} εξωτερικού χωρού -	U nivel de potencia sonora L _{IWA} no exterior n poziom mocy akustycznej L _{IWA} na zewnątrz	Луденектичеви с _{ких} гиде нивото на звуковата мощност с _{ких} на открито	Ljuderiektriwari. L _{WA} i utomirus Ihadina akustického výkonu L _{WA} ve venkovním prostoru	25 net geluidsvermogensniveau L _{WA} Duiten äänitehotaso L _{WA} ulkona
el nivel de potencia acústica L _{WA} en exteriores			der Schallleistungspegel L _{WA} im Freien	So
η ενεργειακή απόδοση της θέρμανσης νερού υπό θερμότερες κλιματικές συνθήκες •	a eficiência energética do aquecimento de água em condições climáticas mais quentes quentes efektywność energetyczna podgrzewania wody w warunkach klimatu cieptego -	energieffektiviteten ved vandopvarmning under varmere klimaforhold енергийната ефективност при подгряване на вода при по-топли климатични условия	Energieffektivítet vid vattenuppvärmning under varmare klimatförhállanden energetická účinnost ohřevu vody za teplejších klimatických podmínek	24 de energie-efficiëntie voor waterverwarming onder warmere klimaatomstandigheden vedenlämmityksen energiatehokkuus lämpimissä ilmasto-olosuhteissa
la eficiencia energética de caldeo de agua en condiciones climáticas más cálidas	l'efficienza energetica di riscaldamento dell'acqua in condizioni climatiche più calde la	l'efficacité énergétique pour le chauffage de l'eau, dans les conditions climatiques plus chaudes	die Warmwasserbereitungs-Energieeffizienz bei wärmeren Klimaverhältnissen	Water heating energy efficiency under warmer climate conditions
η ενεργειακή απόδοση της θερμανσης νερού υπό ψυχρότερες κλιματικές συνθήκες -	a eficiência energética do aquecimento de água em condições climáticas mais frias netektywność energetyczna podgrzewania wody w warunkach klimatu chłodnego -	energieffektiviteten ved vandopvarmning under koldere klimaforhold енергийната ефективност при подгряване на вода при по-студени климатични услови	Energieffektivitet vid vattenuppvärmning under kallare klimatforhållanden energetická účinnost ohřevu vody za chladnějších klimatických podmínek	23 de energie-efficiëntie voor waterverwarming onder koudere klimaatomstandigheden vedenlämmityksen energiatehokkuus kylmissä ilmasto-olosuhteissa
la eficiencia energética de caldeo de agua en condiciones climáticas más frías	l'efficienza energetica di riscaldamento dell'acqua in condizioni climatiche più fredde	l'efficacité énergétique pour le chauffage de l'eau, dans les conditions climatiques plus froides	die Warmwasserbereitungs-Energieeffizienz bei kälteren Klimaverhältnissen	Water heating energy effic
, 1	sezonowa efektywność energetyczna ogrzewania pomieszczeń w warunkach klimatu ciepł ego	сезонната енергийна ефективност при отопление при по-топли климатични условия	sezonní energetická účinnost vyťápění za teplejších klimatických podmínek	tilalämmityksen kausittainen energiatehokkuus lämpimissä ilmasto-olosuhteissa
η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου υπό θερμότερες κλιματικές συνθή κες	A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais n quentes	drsvirkningsgraden ved rumopvarmning under varmere klimaforhold	Säsongsmedelverkningsgrad för rumsuppvärmning under varmare klimatförhållanden	de seizoensgebonden energie-efficiëntie voor ruimteverwarming onder warmere klimaatomstandigheden
la eficiencia energética estacional de calefacción en condiciones climáticas más cálidas	Terficienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più la calde	l'efficacité énergétique saisonnière pour le chauffage des locaux, dans les conditions climatiques plus chaufes	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei wärmeren Klimaverhältnissen	Seasonal space heating energy efficiency under warmer climate conditions
	nnas sezonowa efektywność energetyczna ogrzewania pomieszczeń w warunkach klimatu chł odnoco	сезонната енергийна ефективност при отопление при по-студени климатични условия	sezonní energetická účinnost vytápění za chladnějších klimatických podmínek	# E
νες η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου υπό ψυχρότερες κλιματικές συνθή	A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais n fras	arsvirkningsgraden ved rumopvarmning under koldere klimaforhold	Säsongsmedelverkningsgrad för rumsuppvärmning under kallare klimatförhållanden	de seizoensgebonden energie-efficiëntie voor ruimteverwarming onder koudere
la eficiencia energética estacional de calefacción en condiciones climáticas más frías	stagionale di riscaldamento d'ambiente in condizioni climatiche più	l'efficacité énergétique saisonnière pour le chauffage des locaux, dans les conditions climatiques plus froides	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei kälteren Klimaverhältnissen	Seasonal space heating energy efficiency under colder climate conditions
OUVER/KES	mais quemes , w odniesieniu do podgrzewania wody, roczne zużycie energii elektrycznej w warunkach klimatu cjepłego	за подгряване на вода, годишното потребление на електроенергия при по-топли клим атични условия	pro ohřev vody – roční spotřeba elektrické energie za teplejších klimatických podmínek	Klimaatomstandigheden vedenlämmityksestä vuotuinen sähkönkulutus lämpimissä ilmasto-olosuhteissa
lidas για θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας υπό θερμότερες κλιματικές	uecimento de água, o consumo anual de eletricidade em condições climáticas	climatiques plus chaudes for vandopvarmning det årlige elforbrug under varmere klimaforhold	Itnissen För vattenuppvärmning, årlig elförbrukning under varmare klimatförhållanden	20 voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder warmere
para calentar agua, el consumo anual de electricidad en condiciones climáticas más cá	chlodnego scaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più	eau, la consommation annuelle d'électricité, dans les con	rmwass	For water heating, annual energy consumption under warmer climate conditions
΄ς συνθήκες	u do podgrzewania wody, roczne zużycie energii elektrycznej w warunkach	за подгряване на вода, годишното потребление на електроенергия при по-студени кл	ohřev vody – roční spo	klimaatomstandighede vedenlämmityksestä vi
για θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας υπό ψυχρότερες κλιματικέ	quecimento de água, o consumo anual de eletricidade em condições climáticas	lige elforbrug under koldere klimaforhold	nuppvärmning, årlig elförbrukning under kallare klimatförhållanden	voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder koudere
nara calentar anua el consumo anual de electricidad en condiciones climáticas más frías	w ooniesieniu oo ogrzewania pomieszczen, roczne zuzycie energii w warunkach kimatu - cieplego ner II iscaldamento dell'acqua il consumo annuo di energia in condizioni climatiche niii ner	за отопление, годишното потреоление на енергия при по-топли климатични условия поит le chaifface de l'eau la consommation annuelle d'électricité dans les conditions	pro vyrapeni – rocni sporreba energie za tepiejsich klimatickych podminek filir die Warmwasserbereitung der jähdiche Stromwerbrauch bei kälteren Klimaverhä	nalammilyksesia vuotuinen energiankulutus iampimissa iimasto-olosunteissa For water heating annual energy consumption under colder climate conditions
Υνια θερμανση χώρου, η επήσια κατανάλωση ενέργειας υπό θερμότερες κλιματικές συνθήκες	sis	for rumopvarmning det arlige energiforbrug under varmere klimaforhold	För rumsuppvarmning, arlig energiförbrukning under varmare klimatförhållanden	18 klimaatomstandigheden klimaatomstandigheden
para calentar espacios, el consumo anual de energía en condiciones climáticas más cá lidas	Idamento d'ambiente, il consumo annuo di energia, in condizioni climatiche più	pour le chauffage des locaux, la consommation annuelle d'énergie, dans les conditions climatiques plus chaudes	für die Raumheizung, der jährliche Energieverbrauch bei wärmeren Klimaverhältnissen	For space heating, annual energy consumption under warmer climate conditions
	3	за отопление, годишното потребление на енергия при по-студени климатични услови я	spotřeba ener	ilmasto-
για θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας υπό ψυχρότερες κλιματικές συνθήκες	uecimento ambiente, o consumo anual de energia em condições climáticas mais	for rumopvarmning det årlige energiforbrug under koldere klimaforhold	För rumsuppvärmning, årlig energiförbrukning under kallare klimatförhållanden	17 voor ruimteverwarming, het jaarlijkse energieverbruik onder koudere klimaatomstandigheden
para calentar espacios, el consumo anual de energía en condiciones climáticas más frías	scaldamento d'ambiente, il consumo annuo di energia, in condizioni climatiche più	pour le chauffage des locaux, la consommation annuelle d'énergie, dans les conditions climatiques plus froides	für die Raumheizung, der jährliche Energieverbrauch bei kälteren Klimaverhältnissen	For space heating, annual energy consumption under colder climate conditions
η ονομαστική θερμική ισχύς υπό θερμότερες κλιματικές συνθήκες -	A potência calorifica nominal em condições climáticas mais quentes namionowa moc cieplna w warunkach klimatu cieplego -	den nominelle nytteeffekt under varmere klimaforhold номиналната топлинна мощност при по-топли климатични условия	Nominell avgiven värmeeffekt vid varmare klimatförhållanden imenovitý tepelný výkon za teplejších klimatických podmínek	de nominale warmteafgifte, onder warmere klimaatomstandigheden nimellislämpöteho, lämpimissä ilmasto-olosuhteissa
la potencia calorífica nominal en condiciones climáticas más cálidas	znamionowa moc cieplina w warunkach klimatu chłodnego - la potenza termica nominale, in condizioni climatiche più calde la	номиналната топлинна мощност при по-студени климатични условия la puissance thermique nominale, dans les conditions climatiques plus chaudes	Imenovity tepeiny vykon za chladnejších klimatickych podminek die Wärmenennleistung bei wärmeren Klimaverhältnissen	nimelisiampoteho, kylmissa ilmasto-olosuhteissa Rated heat output under warmer climate conditions
la potencia caloritica nominiai en condiciones climaticas mas mas η ονομαστική θερμική ισχύς υπό ψυχρότερες κλιματικές συνθήκες	A potência calorifica nominale, in condições climáticas mais frias n	den nominelle nytteeffekt under koldere klimaforhold	die warmenenneisung dei kaiteren kumavernatmissen Nominell avgiven värmeeffekt vid kallare klimatförhållanden	15 de nominale warmteafgifte, onder koudere klimaatomstandigheden
Arris	pracować jedynie w godzinach poza szczylowym obciążeniem	работи само в часовете извън върховото натоварване	provozu pouze mimo Śpičku	toimimaan ainoastaan kulutushuippujen ulkopuolella
funcionar solamente durante las horas de baja demanda λειτουργία μόνο εκτός των ωρών αιχινής	funzione soltanto durante le ore morte fu de funcionar unicamente fora das horas de pico Ak	fonctionner qu'en heures creuses fungere uden for spidsbelastningsperioder	dass ein ausschließlicher Betrieb des Kombiheizgerätes zu Schwachlastzeiten drivas uteslutande under perioder med läg belastning	Work only during off-peak hours 14 werken uitsluitend in de daluren
η στάθμη ηχητικής ισχύος L _{wa} εσωτερικού χώρου -	O nível de potência sonora L _{WA} no interior noziom mocy akustycznej L _{WA} w pomieszczeniu	lydeffektniveauet L _{WA} i inde нивото на звуковата мощност L _{WA} на закрито	Ljudeffektnívá L _{wa} , i inomhus hladína akustického výkonu L _{wa} , ve vnitřním prostoru	13 het geluidsvermogensniveau L _{WA} binnen äänitehotaso L _{WA} sisällä
el nivel de potencia acústica L _{WA} en interiores		le niveau de puissance acoustique L _{WA} , à l'intérieur	der Schallleistungspegel L _{WA} , in Gebäuden	So
η ενεργειακή απόδοση θέρμανσης νερού(υπό μέσες κλιματικές συνθήκες) -	a eficiência energética do aquecimento de água(em condições climáticas médias) n efektywność energetyczna podgrzewania wody(w warunkach klimatu umiarkowanego) -	energieffektiviteten ved vandopvarmning(under gennemsnittige klimaforhold) енерпийната ефективност при подгряване на вода(при средни климатични условия)	Energieffektivitet vid vattenuppvärmning(vid genomsnittliga klimatförhållanden) energetická účinnost ohřevu vody za průměrných klimatických podmínek	12 de energie-efficiëntie voor waterverwarming(onder gemiddelde klimaatomstandigheden) vedenlämmityksen energiatehokkuus(keskimääräisissä ilmasto-olosuhteissa)
la eficiencia energética del caldeo de agua(en condiciones climáticas medias)	ii riscaldamento dell'acqua(in condizioni climatiche medie)	l'efficacité énergétique pour le chauffage de l'eau(dans les conditions climatiques moyennes)	die Warmwasserbereitungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen	Water heating energy efficiency under average climate conditions
	sezonowa efektywność energetyczna ogrzewania pomieszczeń(w warunkach klimatu - umiarkowanego)	сезонната енергийна ефективност при отопление(при средни климатични условия)	sezonní energetická účinnost vytápění za průměrných klimatických podmínek	tilalämmityksen kausittainen energiatehokkuus(keskimääräisissä ilmasto-olosuhteissa)
η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου(υπό μέσες κλιματικές συνθήκες)	A eficiência energética do aquecimento ambiente sazonal(em condições climáticas mé n dias)	årsvirkningsgraden ved rumopvarmning(under gennemsnitlige klimaforhold)	Säsongsmedelverkningsgrad för rumsuppvärmning(vid genomsnittliga klimatförhållanden)	de seizoensgebonden energie-efficiëntie voor ruimteverwarming(onder gemiddelde klimaatomstandigheden)
la eficiencia energética estacional de calefacción(en condiciones climáticas medias)	etica stagionale di riscaldamento d'ambiente(in condizioni climatiche	l'efficacité énergétique saisonnière pour le chauffage des locaux(dans les conditions climatiques movennes)	die jahreszeitbedingte Raumheizungs-Energieeffizienz bei durchschnittlichen Klimaverhältnissen	Seasonal space heating energy efficiency under average climate conditions
,	o podgrzewania wody, roczne zużycie energii elektrycznej(w warunkach wanego)	за подгряване на вода, годишното потребление(при средни климатични условия)	pro ohřev vody – roční spotřeba elektrické energie za průměrných klimatických podmínek	vedenlämmityksestä vuotuinen sähkönkulutus(keskimääräisissä ilmasto-olosuhteissa)
για την θέρμανση νερού, η επήσια κατανάλωση ηλεκτρικής ενέργειας(υπό μέσες κλιματικές συνθήκες)	para o aquecimento de água, o consumo anual de eletricidade(em condições climáticas m vuedias)	for vandopvarmning det årlige elforbrug(under gennemsnitlige klimaforhold)	För vattenuppvärmning, árlig elförbrukning(vid genomsnittliga klimatförhállanden)	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) pa	pour le chauffage de l'eau, la consommation annuelle d'électricité(dans les conditions climatiques movennes)	die Wa	For water heating, annual electricity consumption under average climate conditions
	unas) w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii(w warunkach klimatu umiarkowanego)	за отопление, годишното потребление на енергия(при средни климатични условия)	pro vytápění – roční spotřeba energie za průměrných klimatických podmínek	tilalämmityksestä vuotuinen energiankulutus(keskimääräisissä ilmasto-olosuhteissa)
για τη θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας(υπό μέσες κλιματικές συνθήκες)	medie) Para o aquecimento ambiente, o consumo anual de energia(em condições climáticas mé vi	cimariques moyennes) for rumopvarmning det årlige energiforbrug(under gennemsnitlige klimaforhold)	Irinissen För rumsuppvärmning, årlig energiförbrukning(vid genomsnittliga klimatförhållanden)	yoor ruimteverwarming, het jaarlijkse energieverbruik(onder gemiddelde
para calentar espacios, el consumo anual de energía(en condiciones climáticas medias)	znamionowa moc ciepinal w warunkach kimatu umarkowanego) per il riscaldamento d'ambiente, il consumo annuo di energia (in condizioni climatiche per il riscaldamento d'ambiente, il consumo annuo di energia (in condizioni climatiche per il riscaldamento d'ambiente, il consumo annuo di energia (in condizioni climatiche per il riscaldamento d'ambiente, il consumo annuo di energia (in condizioni climatiche per il riscaldamento d'ambiente, il consumo annuo di energia (in condizioni climatiche per il riscaldamento d'ambiente, il consumo annuo di energia (in condizioni climatiche per il riscaldamento d'ambiente, il consumo annuo di energia (in condizioni climatiche per il riscaldamento d'ambiente, il consumo annuo di energia (in condizioni climatiche per il riscaldamento d'ambiente, il consumo annuo di energia (in condizioni climatiche per il riscaldamento d'ambiente, il consumo annuo di energia (in condizioni climatiche per il riscaldamento d'ambiente, il consumo annuo di energia (in condizioni climatiche per il riscaldamento d'ambiente, il consumo annuo di energia (in condizioni climatiche per il riscaldamento del per il riscaldament	номиналната топлина мощност при средни климатични условия) pour le chauffage des locaux, la consommation annuelle d'énergie(dans les conditions	Imenovity tepeiny tykon(za prumernych klimatickych podminek) für die Raumheizung, den jährlichen Energieverbrauch bei durchschnittlichen Klimaverhä	nimelisiampoteino(keskimaaraisissa ilmasto-olosunteissa) For space heating, annual energy consumption under average climate conditions
n ονομαστική θερμική ισχύς(υπό μέσες κλιματικές συνθήκες)	A potencia calorifica nominal(em contoica climáticas médias) n	den nominelle nytteeffekt(under gennemsnitlige klimaforhold)	Den nominella avgivna värmeeffekten(under genomsnittiliga klimatförhållanden)	8 de nominale warmteafgithe(onder gemiddelde klimaatomstandigheden) 8
(1) Tutyl evetytetiikily attooootily achtuvoily vehou	klasa efektywności energistruca du adprezintento we agua	класът на енергийната ефективност при подгряване на вода	erier gleinakuviasakaasa viu vatieriuppvariiiiiiiig Iffida energeiteké účimonosti ohřevu volt Jib Mženosotickéhonosti ohřevu voltakaa Mženosotickéhonosti ohřevu voltakaata voltakaata Mženosotickéhonosti ohřevu voltakaata	vedenlämmityksen energiatehokkuusluoka Datad kost sidastaanana siinaka kandiisaana diitaana
la clase de eficiencia energética del caldeo de agua	la classe di efficienza energética de riscaldamento dell'acqua	la classe d'efficieté énerged and modern propriété de l'eau	die Klasse für die Warmen von der Frenzeitenge-Energieeffizienz	Water heating energy efficiency
η τάξη ενεργειακής απόδοσης της εποχιακής θέρμανσης χώρου	A classe de eficiência energética do aquecimento ambiente sazonal n klasa sezonowei efektywności energetycznej orgzewania nomieszyzeń -	Klassen for ársvirkningsgrad ved rumopvarmning vracht ua ceanuara отоппителна енергийна ефективност	säsongsrelaterade energieffektivitetsklass vid rumsuppvärmning Iffda sezonni energetiyki rikinnosti vylänäni	6 de seizoensgebonden energie-efficiëntieklasse voor ruimteverwarming tilalämmityksen kausittiinen energiatehokkuusluokka
la clase de eficiencia energética estacional de calefacción	Deklarowany profil obciążeń - la classe di efficienza energetica stagionale del riscaldamento d'ambiente la	Обявен товаров профил la classe d'efficacité énergétique saisonnière, pour le chauffage des locaux	Deklarovaný zátěžový profil die Klasse für die jahreszeitbedingte Raumheizungs-Energieeffizienz	Ilmoitettu kuormitusprofiili Seasonal space heating energy
Perfil de carga declarado Δηλωμένο προφίλ φορτίου	Profilo di carico dichiarato Profilo de carga declarado A Defil de carga declarado	Profil de soutirage déclaré Angivet forbrugsprofil	Angegebenes Lastprofil Deklarerad belastningsprofil	Declared load profile 5 Opgegeven capaciteitsprofiel
η εφαρμογή σε χαμηλή θερμοκρασία -	a aplicação a baixa temperatura n zastosowania w niskich temperaturach -	lavtemperaturanvendelsen нискотемпературни приложения	lägtemperaturapplikation nizkoteplotni aplikace	4 lagetemperatuur-toepassing matalaniämpõtitan sovellus
la aplicación de baja temperatura	Lassosowania w srednich temperaturach le applicazioni a bassa temperatura la	Среднотемпературното приложение Гapplication à basse température	Niedertemperaturanwendung	Low-temperature application
п вфаруьорі ає нівон веружрастіа п вфаруьорі ає нівон веружрастіа	a aplicação a média temperatura na aplicação a média temperatura na aplicação a média temperatura na aplicação a média na aplicação a média na aplicação a média temperatura na aplicação a média aplicação aplicação a média aplicaçõe a média aplicaçõe a média aplicação a média aplicaçõe a aplicaçõe	idelication a moyenie temperature	milletieriperaluramweriounig mediumtemperaturapplikation aix-oktorikation	middentemperature application 3 middentemperature application Licalitism according
a politionità de modia temperatura	jednostka wewnętrzna	Batpemer 1970	Vnitřní jednotka	Sisäyksikkö Modium komporatura application
unidad interior Εσωτερική μονάδα	unità interna unidade interior E.	unité intérieure Indendørs enhed	Innengerät Inomhusenhet	Indoor unit 2 binnenunit
Εξωτερική μονάδα	unidade exterior E. jednostka zewnętrzna -	Udendørs enhed Външно тяло	Utomhusenhet Venkovní jednotka	1 buitenunit Ulkoyksikkö
L. unidad exterior	Polski - urità esterna ur	Български unité extérieure	Ceština Außengerät	Suomi Suomi Outdoor unit
Español Eλληνικά	Italiano Ita	Français Dansk	Deutsch Svenska	English Nederlands
	· .	1		

Model(s):		Outdoor unit	:	PUZ-SWM80YAA				
		Indoor unit:		EHST30D-***D				
Air-to-water heat pump:				yes				
Water-to-water heat pump:				no				
Brine-to-water heat pump:				no				
Low-temperature heat pump:				no				
Equipped with a supplementary heater:				yes				
Heat pump combination heater:				yes				
Parameters for				medium-temperature application.				
Parameters for				average climate conditions.				
Item	Symbol	Value	Unit	ltem	Symbol	Value	Unit	
Rated heat output (*)	Prated	8.0	kW	Seasonal space heating energy efficiency	ηs	128	%	
Declared capacity for heating for part load a	t indoor		!	Declared coefficient of performance or primary e	nergy ratio fo	or		
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdo	or temperatu	ıre Tj		
Tj = - 7 °C	Pdh	7.1	kW	Tj = - 7 °C	COPd	2.27	-	
Degradation co-efficient (**)	Cdh	0.99	-					
Tj = + 2 °C	Pdh	4.4	kW	Tj = + 2 °C	COPd	3.19	-	
Degradation co-efficient (**)	Cdh	0.98	-					
Tj = + 7 °C	Pdh	4.4	kW	Tj = + 7 °C	COPd	4.18	-	
Degradation co-efficient (**)	Cdh	0.98	-					
Tj = +12 °C	Pdh	2.8	kW	Tj = +12 °C	COPd	5.79	-	
Degradation co-efficient (**)	Cdh	0.96	-					
Tj = bivalent temperature	Pdh	7.1	kW	Tj = bivalent temperature	COPd	2.27	-	
Tj = operation limit temperature (***)	Pdh	7.4	kW	Tj = operation limit temperature (***)	COPd	1.83	-	
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 act	ive mode			Supplementary heater				
Off mode	P_{OFF}	0.022	kW	Rated heat output (*)	Psup	0.6	kW	
Thermostat-off mode	P_{TO}	0.022	kW					
Standby mode	P_SB	0.022	kW	Type of energy input		Electrical		
Crankcase heater mode	P _{CK}	0.000	kW					
Other items								
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h	
Sound power level, indoors/outdoors	L_WA	41 / 54	dB					
Annual energy consumption	Q_{HE}	5053	kWh					
For heat pump combination heater:						<u>, </u>		
Declared load profile		XL		Water heating energy efficiency	ηwh	123	%	
Daily electricity consumption	Qelec	6.450	kWh					
Annual electricity consumption	AEC	1417	kWh					
Contact details								

MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MANUFACTURING TURKEY JOINT STOCK COMPANY

Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zorlu Bulvari No:19 Yunusemre – Manisa, Turkey

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



Kenichi SAITO

Manager, Quality Assuarance Department

TURKEY

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

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

^(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

^(**) 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.

Model(s):		Outdoor unit: PUZ-SWM80YAA					
		Indoor unit:		EHST30D-***D			
Air-to-water heat pump:				yes			
Water-to-water heat pump:				no			
Brine-to-water heat pump:				no			
Low-temperature heat pump:				no			
Equipped with a supplementary heater:				yes			
Heat pump combination heater:				yes			
Parameters for				low-temperature application.			
Parameters for				average climate conditions.			
ltem	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	8.0	kW	Seasonal space heating energy efficiency	ηs	179	%
Declared capacity for heating for part load a	t indoor	-	•	Declared coefficient of performance or primary e	nergy ratio fo	or	
temperature 20 °C and outdoor temperature	Гј			part load at indoor temperature 20 °C and outdoor	or temperatu	re Tj	
Tj = - 7 °C	Pdh	7.1	kW	Tj = - 7 °C	COPd	3.20	-
Degradation co-efficient (**)	Cdh	0.99	-				•
Tj = + 2 °C	Pdh	4.4	kW	Tj = + 2 °C	COPd	4.75	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = + 7 °C	Pdh	5.0	kW	Tj = + 7 °C	COPd	5.61	-
Degradation co-efficient (**)	Cdh	0.98	-				•
Tj = +12 °C	Pdh	3.0	kW	Tj = +12 °C	COPd	6.19	-
Degradation co-efficient (**)	Cdh	0.96	-				•
Tj = bivalent temperature	Pdh	7.1	kW	Tj = bivalent temperature	COPd	3.20	-
Tj = operation limit temperature (***)	Pdh	7.5	kW	Tj = operation limit temperature (***)	COPd	2.63	-
			•				
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 act	ve mode			Supplementary heater			
Off mode	P_{OFF}	0.022	kW	Rated heat output (*)	Psup	0.5	kW
Thermostat-off mode	P_{TO}	0.022	kW				
Standby mode	P_{SB}	0.022	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 54	dB				
Annual energy consumption	Q_{HE}	3636	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	123	%
Daily electricity consumption	Qelec	6.450	kWh				
Annual electricity consumption	AEC	1417	kWh				
Contact details	_						
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MAN				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No:1	9 Yunusemre –	Manisa, Turkey
The identification and signature of the person	empowere	u io bina the	e supplier;	Kenichi SAITO			

The signature is signed in the average climate / medium-temperature section. Manager, Quality Assuarance Department

TURKEY

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 $[\]cdot \ \, \text{Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.}$

^(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

^(**) 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.

Model(s): Outdoor unit:				PUZ-SWM80YAA					
		Indoor unit:		EHST30D-***D					
Air-to-water heat pump:				yes					
Water-to-water heat pump:				no					
Brine-to-water heat pump:				no					
Low-temperature heat pump:				no					
Equipped with a supplementary heater:				yes					
Heat pump combination heater:				yes					
Parameters for				medium-temperature application.					
Parameters for				colder climate conditions.					
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit		
Rated heat output (*)	Prated	8.0	kW	Seasonal space heating energy efficiency	ηs	111	%		
Declared capacity for heating for part load a	t indoor	!	•	Declared coefficient of performance or primary e	nergy ratio fo	r			
temperature 20 °C and outdoor temperature	Τј			part load at indoor temperature 20 °C and outdoor	or temperatur	е Тј			
Tj = - 7 °C	Pdh	4.9	kW	Tj = - 7 °C	COPd	2.60	-		
Degradation co-efficient (**)	Cdh	0.99	-		'				
Tj = + 2 °C	Pdh	4.0	kW	Tj = + 2 °C	COPd	3.33	-		
Degradation co-efficient (**)	Cdh	0.98	-		'				
Tj = + 7 °C	Pdh	4.3	kW	Tj = + 7 °C	COPd	4.80	-		
Degradation co-efficient (**)	Cdh	0.98	-						
Tj = +12 °C	Pdh	3.1	kW	Tj = +12 °C	COPd	6.65	-		
Degradation co-efficient (**)	Cdh	0.95	-		'				
Tj = bivalent temperature	Pdh	6.7	kW	Tj = bivalent temperature	COPd	1.45	-		
Tj = operation limit temperature (***)	Pdh	4.7	kW	Tj = operation limit temperature (***)	COPd	1.35	-		
Tj = -15 °C (if TOL < -20 °C)	Pdh	6.5	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	1.45	-		
Bivalent temperature	Tbiv	-16	°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 act	ive mode			Supplementary heater					
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	3.3	kW		
Thermostat-off mode	P_{TO}	0.022	kW						
Standby mode	P_SB	0.022	kW	Type of energy input		Electrical			
Crankcase heater mode	P_{CK}	0.000	kW						
Other items				•					
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h		
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dB						
Annual energy consumption	Q_{HE}	6923	kWh						
For heat pump combination heater:									
Declared load profile		XL		Water heating energy efficiency	ηwh	98	%		
Daily electricity consumption	Qelec	8.000	kWh						
Annual electricity consumption	AEC	1759	kWh						
Contact details									
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MAN				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No:19	Yunusemre – I	Manisa, Turkey		
The identification and signature of the person	ı empowere	u to bind the	supplier;	Kenichi SAITO					
The signature is signed in the average clim	ate / mediu	m-temperatu	re section.	Manager, Quality Assuarance Department					

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

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 $[\]cdot \ \, \text{Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals.}$

^(*) For heat pump space heaters and heat pump combination heaters the rated heat output Prated is equal to the design load for heating

^(**) 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.

Model(s): Outdoor unit:				PUZ-SWM80YAA			
		Indoor unit:		EHST30D-***D			
Air-to-water heat pump:				yes			
Water-to-water heat pump:				no			
Brine-to-water heat pump:				no			
Low-temperature heat pump:				no			
Equipped with a supplementary heater:				yes			
Heat pump combination heater:				yes			
Parameters for				low-temperature application.			
Parameters for				colder climate conditions.			
ltem	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	8.0	kW	Seasonal space heating energy efficiency	ηѕ	141	%
Declared capacity for heating for part load a	t indoor	•		Declared coefficient of performance or primary e	nergy ratio fo	or	<u>, </u>
temperature 20 °C and outdoor temperature	Гј			part load at indoor temperature 20 °C and outdoo	or temperatui	re Tj	
Tj = - 7 °C	Pdh	4.8	kW	Tj = - 7 °C	COPd	3.43	-
Degradation co-efficient (**)	Cdh	0.98	-				ı
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 2 °C	COPd	4.15	-
Degradation co-efficient (**)	Cdh	0.98	-				ı
Tj = + 7 °C	Pdh	4.5	kW	Tj = + 7 °C	COPd	5.45	-
Degradation co-efficient (**)	Cdh	0.97	-			μ	I.
Tj = +12 °C	Pdh	3.1	kW	Tj = +12 °C	COPd	7.40	-
Degradation co-efficient (**)	Cdh	0.95	-			L	J
Tj = bivalent temperature	Pdh	6.7	kW	Tj = bivalent temperature	COPd	2.00	-
Tj = operation limit temperature (***)	Pdh	4.7	kW	Tj = operation limit temperature (***)	COPd	1.40	-
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	6.5	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	2.00	-
Bivalent temperature	Tbiv	-16	°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 act	ive mode			Supplementary heater		ı	
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	3.3	kW
Thermostat-off mode	P_{TO}	0.022	kW			ı	
Standby mode	P_SB	0.022	kW	Type of energy input	i	Electrical	
Crankcase heater mode	P _{CK}	0.000	kW		i		
Other items			l l				
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dB				I.
Annual energy consumption	Q_{HE}	5493	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	98	%
Daily electricity consumption	Qelec	8.000	kWh			l	j
Annual electricity consumption	AEC	1759	kWh				
Contact details		1		1			
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MAN	UFACTURING T	URKEY JOINT ST	OCK COMPANY	Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No:19	9 Yunusemre –	Manisa, Turkey
The identification and signature of the person	n empowere	d to bind the	e supplier;	Karishi CAITO			
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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

^(**) 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.

Model(s):		Outdoor unit	:	PUZ-SWM80YAA			
		Indoor unit:		EHST30D-***D			
Air-to-water heat pump:				yes			
Water-to-water heat pump:				no			
Brine-to-water heat pump:				no			
Low-temperature heat pump:				no			
Equipped with a supplementary heater:				yes			
Heat pump combination heater:				yes			
Parameters for				medium-temperature application.			
Parameters for				warmer climate conditions.			
Item	Symbol	Value	Unit	ltem	Symbol	Value	Unit
Rated heat output (*)	Prated	8.0	kW	Seasonal space heating energy efficiency	ηѕ	160	%
Declared capacity for heating for part load a	t indoor	•	-	Declared coefficient of performance or primary e	nergy ratio fo	or	
temperature 20 °C and outdoor temperature	Τј			part load at indoor temperature 20 °C and outdoor	or temperatu	re Tj	
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	8.0	kW	Tj = + 2 °C	COPd	2.00	-
Degradation co-efficient (**)	Cdh	1.00	-				
Tj = + 7 °C	Pdh	5.2	kW	Tj = + 7 °C	COPd	3.48	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	4.5	kW	Tj = +12 °C	COPd	5.92	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	8.0	kW	Tj = bivalent temperature	COPd	2.00	-
Tj = operation limit temperature (***)	Pdh	8.0	kW	Tj = operation limit temperature (***)	COPd	2.00	-
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 act	ive mode	1		Supplementary heater		<u> </u>	
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P_{TO}	0.022	kW				
Standby mode	P_SB	0.022	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dB				
Annual energy consumption	Q_{HE}	2629	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	149	%
Daily electricity consumption	Qelec	5.350	kWh			_ _	
Annual electricity consumption	AEC	1176	kWh				
Contact details							_
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MAN				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No:1	9 Yunusemre – N	Manisa, Turkey
The identification and signature of the person	i empowere	u io biiia the	s supplier;	Kenichi SAITO			
The signature is signed in the average clim	ate / mediu	m-temperatu	ire section.	Manager, Quality Assuarance Department			
				TURKEY			

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

 $[\]bullet \ \, \text{Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals. }$

^(*) For heat pump space heaters and heat pump combination heaters the rated heat output Prated is equal to the design load for heating

^(**) 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.

Model(s):		Outdoor unit	:	PUZ-SWM80YAA				
		Indoor unit:		EHST30D-***D				
Air-to-water heat pump:				yes				
Water-to-water heat pump:				no				
Brine-to-water heat pump:				no				
Low-temperature heat pump:				no				
Equipped with a supplementary heater:				yes				
Heat pump combination heater:				yes				
Parameters for				low-temperature application.				
Parameters for				warmer climate conditions.				
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Rated heat output (*)	Prated	8.0	kW	Seasonal space heating energy efficiency	ηѕ	214	%	
Declared capacity for heating for part load a	t indoor			Declared coefficient of performance or primary e	nergy ratio fo	r		
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdo	or temperatui	re Tj		
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-	
Degradation co-efficient (**)	Cdh	-	-				ı	
Tj = + 2 °C	Pdh	8.0	kW	Tj = + 2 °C	COPd	3.65	-	
Degradation co-efficient (**)	Cdh	0.99	-				ı	
Tj = + 7 °C	Pdh	5.1	kW	Tj = + 7 °C	COPd	5.05	-	
Degradation co-efficient (**)	Cdh	0.98	-				1	
Tj = +12 °C	Pdh	4.7	kW	Tj = +12 °C	COPd	7.12	-	
Degradation co-efficient (**)	Cdh	0.97	-					
Tj = bivalent temperature	Pdh	8.0	kW	Tj = bivalent temperature	COPd	3.65	-	
Tj = operation limit temperature (***)	Pdh	8.0	kW	Tj = operation limit temperature (***)	COPd	3.65	-	
							•	
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 act	ive mode			Supplementary heater				
Off mode	P_{OFF}	0.022	kW	Rated heat output (*)	Psup	0.0	kW	
Thermostat-off mode	P_{TO}	0.022	kW					
Standby mode	P_SB	0.022	kW	Type of energy input		Electrical		
Crankcase heater mode	P _{CK}	0.000	kW					
Other items								
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h	
Sound power level, indoors/outdoors	L_WA	41 / 54	dB					
Annual energy consumption	Q_{HE}	1973	kWh					
For heat pump combination heater:								
Declared load profile		XL		Water heating energy efficiency	ηwh	149	%	
Daily electricity consumption	Qelec	5.350	kWh					
Annual electricity consumption	AEC	1176	kWh					
Contact details					<u></u>			
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MAN				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No:19	9 Yunusemre – I	Manisa, Turkey	
The identification and signature of the person	n empowere	a to bind the	e supplier;	Kenichi SAITO				
The signature is signed in the average clim	ate / mediu	m-temperatu	re section.	Manager, Quality Assuarance Department				

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

 $[\]bullet \ \, \text{Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals. }$

^(*) For heat pump space heaters and heat pump combination heaters the rated heat output Prated is equal to the design load for heating

^(**) 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.

Model(s):		Outdoor unit	:	PUZ-SWM80YAA				
		Indoor unit:		EHST30D-MED				
Air-to-water heat pump:				yes				
Water-to-water heat pump:				no				
Brine-to-water heat pump:				no				
Low-temperature heat pump:				no				
Equipped with a supplementary heater:				no				
Heat pump combination heater:				yes				
Parameters for				medium-temperature application.				
Parameters for				average climate conditions.				
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Rated heat output (*)	Prated	8.0	kW	Seasonal space heating energy efficiency	ηs	128	%	
Declared capacity for heating for part load a	t indoor	!		Declared coefficient of performance or primary e	nergy ratio fo	or		
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdoor	or temperatu	re Tj		
Tj = - 7 °C	Pdh	7.1	kW	Tj = - 7 °C	COPd	2.27	-	
Degradation co-efficient (**)	Cdh	0.99	-					
Tj = + 2 °C	Pdh	4.4	kW	Tj = + 2 °C	COPd	3.19	-	
Degradation co-efficient (**)	Cdh	0.98	-					
Tj = + 7 °C	Pdh	4.4	kW	Tj = + 7 °C	COPd	4.18	-	
Degradation co-efficient (**)	Cdh	0.98	-					
Tj = +12 °C	Pdh	2.8	kW	Tj = +12 °C	COPd	5.79	-	
Degradation co-efficient (**)	Cdh	0.96	-					
Tj = bivalent temperature	Pdh	7.1	kW	Tj = bivalent temperature	COPd	2.27	-	
Tj = operation limit temperature (***)	Pdh	7.4	kW	Tj = operation limit temperature (***)	COPd	1.83	-	
			•					
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 act	ive mode	•		Supplementary heater				
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	0.6	kW	
Thermostat-off mode	P_{TO}	0.022	kW					
Standby mode	P_{SB}	0.022	kW	Type of energy input		Electrical		
Crankcase heater mode	P _{CK}	0.000	kW					
Other items			-					
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h	
Sound power level, indoors/outdoors	L_WA	41 / 54	dB					
Annual energy consumption	Q_{HE}	5053	kWh					
For heat pump combination heater:								
Declared load profile		XL		Water heating energy efficiency	ηwh	123	%	
Daily electricity consumption	Qelec	6.450	kWh					
Annual electricity consumption	AEC	1417	kWh					
Contact details								

MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MANUFACTURING TURKEY JOINT STOCK COMPANY

Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zorlu Bulvari No:19 Yunusemre – Manisa, Turkey

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



Kenichi SAITO

Manager, Quality Assuarance Department

TURKEY

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

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

^(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

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

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

Model(s): Outdoor unit:			:	PUZ-SWM80YAA				
		Indoor unit:		EHST30D-MED				
Air-to-water heat pump:				yes				
Water-to-water heat pump:				no				
Brine-to-water heat pump:				no				
Low-temperature heat pump:				no				
Equipped with a supplementary heater:				no				
Heat pump combination heater:				yes				
Parameters for				low-temperature application.				
Parameters for				average climate conditions.				
Item	Symbol	Value	Unit	ltem	Symbol	Value	Unit	
Rated heat output (*)	Prated	8.0	kW	Seasonal space heating energy efficiency	ηs	179	%	
Declared capacity for heating for part load a	t indoor	•		Declared coefficient of performance or primary e	nergy ratio fo	r		
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj		
Tj = - 7 °C	Pdh	7.1	kW	Tj = - 7 °C	COPd	3.20	-	
Degradation co-efficient (**)	Cdh	0.99	-				ı	
Tj = + 2 °C	Pdh	4.4	kW	Tj = + 2 °C	COPd	4.75	-	
Degradation co-efficient (**)	Cdh	0.98	-				ı	
Tj = + 7 °C	Pdh	5.0	kW	Tj = + 7 °C	COPd	5.61	-	
Degradation co-efficient (**)	Cdh	0.98	-				ı	
Tj = +12 °C	Pdh	3.0	kW	Tj = +12 °C	COPd	6.19	-	
Degradation co-efficient (**)	Cdh	0.96	-				ı.	
Tj = bivalent temperature	Pdh	7.1	kW	Tj = bivalent temperature	COPd	3.20	-	
Tj = operation limit temperature (***)	Pdh	7.5	kW	Tj = operation limit temperature (***)	COPd	2.63	-	
							_	
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 act	ive mode			Supplementary heater				
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	0.5	kW	
Thermostat-off mode	P_{TO}	0.022	kW					
Standby mode	P_SB	0.022	kW	Type of energy input		Electrical		
Crankcase heater mode	P_{CK}	0.000	kW					
Other items								
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h	
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dB				ļ.	
Annual energy consumption	Q_{HE}	3636	kWh					
For heat pump combination heater:								
Declared load profile		XL		Water heating energy efficiency	ηwh	123	%	
Daily electricity consumption	Qelec	6.450	kWh				•	
Annual electricity consumption	AEC	1417	kWh					
Contact details								
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MAN				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	u Bulvari No:19	9 Yunusemre – I	Manisa, Turkey	
The identification and signature of the person	n empowere	d to bind the	e supplier;	Kenichi SAITO				
The signature is signed in the average clim	ate / mediu	m-temperatu	re section.	Manager, Quality Assuarance Department				

TURKEY

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

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

^(*) For heat pump space heaters and heat pump combination heaters the rated heat output Prated is equal to the design load for heating

^(**) 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.

Model(s): Outdoor unit:				PUZ-SWM80YAA					
	Indoor unit:		EHST30D-MED						
-			yes						
			no						
			no						
			no						
			no						
			yes						
			medium-temperature application.						
			colder climate conditions.						
Symbol	Value	Unit	Item	Symbol	Value	Unit			
Prated	8.0	kW	Seasonal space heating energy efficiency	ηs	111	%			
door				nergy ratio fo	r				
			part load at indoor temperature 20 °C and outdoor	or temperatur	e Tj				
Pdh	4.9	kW	Tj = - 7 °C	COPd	2.60	-			
Cdh	0.99	-		'	<u>'</u>				
Pdh	4.0	kW	Tj = + 2 °C	COPd	3.33	-			
Cdh	0.98	-		·					
Pdh	4.3	kW	Tj = + 7 °C	COPd	4.80	-			
Cdh	0.98	-		ļ					
Pdh	3.1	kW	Tj = +12 °C	COPd	6.65	-			
Cdh	0.95	-		·					
Pdh	6.7	kW	Tj = bivalent temperature	COPd	1.45	-			
Pdh	4.7	kW	Tj = operation limit temperature (***)	COPd	1.35	-			
Pdh	6.5	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	1.45	-			
Tbiv	-16	°C	Operation limit temperature	TOL	-25	°C			
designh	-22	°C	Heating water operating limit temperature	WTOL	60	°C			
mode			Supplementary heater		•				
P _{OFF}	0.022	kW	Rated heat output (*)	Psup	3.3	kW			
P _{TO}	0.022	kW							
P_{SB}	0.022	kW	Type of energy input		Electrical				
P _{CK}	0.000	kW							
'									
	variable		Rated air flow rate, outdoors	-	2220	m³/h			
L_{WA}	41 / 54	dB							
Q_{HE}	6923	kWh							
'		•							
	XL		Water heating energy efficiency	ηwh	98	%			
Qelec	8.000	kWh		!					
AEC	1759	kWh							
Į.									
			Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No:19	Yunusemre – N	Manisa, Turkey			
The identification and signature of the person empowered to bind the supplier;									
/ mediun	n-temperatu	re section.	Manager, Quality Assuarance Department						
	Symbol Prated door Pdh Cdh Pdh Cdh Pdh Cdh Pdh Tbiv designh mode Poff Pro PsB Pck Lwa QHE CdH CHINING TU	Indoor unit:	Indoor unit:	Indoor unit:	Indoor unit:	Indoor unit:			

Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

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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

^(**) 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.

Model(s):		Outdoor unit	:	PUZ-SWM80YAA				
		Indoor unit:		EHST30D-MED				
Air-to-water heat pump:				yes				
Water-to-water heat pump:				no				
Brine-to-water heat pump:				no				
Low-temperature heat pump:				no				
Equipped with a supplementary heater:				no				
Heat pump combination heater:				yes				
Parameters for				low-temperature application.				
Parameters for				colder climate conditions.				
Item	Symbol	Value	Unit	ltem	Symbol	Value	Unit	
Rated heat output (*)	Prated	8.0	kW	Seasonal space heating energy efficiency	ηѕ	141	%	
Declared capacity for heating for part load a	t indoor	!		Declared coefficient of performance or primary e	nergy ratio fo	or		
temperature 20 °C and outdoor temperature	Гј			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj		
Tj = - 7 °C	Pdh	4.8	kW	Tj = - 7 °C	COPd	3.43	-	
Degradation co-efficient (**)	Cdh	0.98	-					
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 2 °C	COPd	4.15	-	
Degradation co-efficient (**)	Cdh	0.98	-			-		
Tj = + 7 °C	Pdh	4.5	kW	Tj = + 7 °C	COPd	5.45	-	
Degradation co-efficient (**)	Cdh	0.97	-					
Tj = +12 °C	Pdh	3.1	kW	Tj = +12 °C	COPd	7.40	-	
Degradation co-efficient (**)	Cdh	0.95	-					
Tj = bivalent temperature	Pdh	6.7	kW	Tj = bivalent temperature	COPd	2.00	-	
Tj = operation limit temperature (***)	Pdh	4.7	kW	Tj = operation limit temperature (***)	COPd	1.40	-	
Tj = -15 °C (if TOL < -20 °C)	Pdh	6.5	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	2.00	-	
Bivalent temperature	Tbiv	-16	°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 act	ve mode	•		Supplementary heater				
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	3.3	kW	
Thermostat-off mode	P_{TO}	0.022	kW					
Standby mode	P_{SB}	0.022	kW	Type of energy input		Electrical		
Crankcase heater mode	P_{CK}	0.000	kW					
Other items			-					
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m ³ /h	
Sound power level, indoors/outdoors	L_WA	41 / 54	dB					
Annual energy consumption	Q_{HE}	5493	kWh					
For heat pump combination heater:								
Declared load profile		XL		Water heating energy efficiency	ηwh	98	%	
Daily electricity consumption	Qelec	8.000	kWh					
Annual electricity consumption	AEC	1759	kWh					
Contact details MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MAN	UFACTURING TU	JRKEY JOINT ST	OCK COMPANY	Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No:1	9 Yunusemre – I	Manisa, Turkey	
The identification and signature of the person	n empowered	d to bind the	e supplier;	· ·			<u></u>	
				Kenichi SAITO				

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

Manager, Quality Assuarance Department

TURKEY

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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

^(**) 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.

Model(s):	s): Outdoor unit:		PUZ-SWM80YAA				
		Indoor unit:		EHST30D-MED			
Air-to-water heat pump:				yes			
Water-to-water heat pump:				no			
Brine-to-water heat pump:				no			
Low-temperature heat pump:				no			
Equipped with a supplementary heater:				no			
Heat pump combination heater:				yes			
Parameters for				medium-temperature application.			
Parameters for				warmer climate conditions.			
Item	Symbol	Value	Unit	ltem	Symbol	Value	Unit
Rated heat output (*)	Prated	8.0	kW	Seasonal space heating energy efficiency	ηs	160	%
Declared capacity for heating for part load a	t indoor			Declared coefficient of performance or primary e	nergy ratio fo	or	
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdoor	or temperatu	re Tj	
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				
Tj = + 2 °C	Pdh	8.0	kW	Tj = + 2 °C	COPd	2.00	-
Degradation co-efficient (**)	Cdh	1.00	-			-	
Tj = + 7 °C	Pdh	5.2	kW	Tj = + 7 °C	COPd	3.48	-
Degradation co-efficient (**)	Cdh	0.99	-				•
Tj = +12 °C	Pdh	4.5	kW	Tj = +12 °C	COPd	5.92	-
Degradation co-efficient (**)	Cdh	0.97	-				
Tj = bivalent temperature	Pdh	8.0	kW	Tj = bivalent temperature	COPd	2.00	-
Tj = operation limit temperature (***)	Pdh	8.0	kW	Tj = operation limit temperature (***)	COPd	2.00	-
		-					ı
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 act	ive mode			Supplementary heater			
Off mode	P_{OFF}	0.022	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P_{TO}	0.022	kW				
Standby mode	P_{SB}	0.022	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L_{WA}	41 / 54	dB				
Annual energy consumption	Q_{HE}	2629	kWh				
For heat pump combination heater:	1		-			1	
Declared load profile		XL		Water heating energy efficiency	ηwh	149	%
Daily electricity consumption	Qelec	5.350	kWh				
Annual electricity consumption	AEC	1176	kWh				
Contact details	U.EAOTUE	HDKEY 10.0. T.S.	OCK COMP.	Manian OCD 4 Kining Kanilly and the second s	lu Dubereit 1	0. V	Manine To
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MAN The identification and signature of the perso				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	iu Buivari No:1	9 runusemre – I	vianisa, Turkey
The lastinication and signature of the perso	cinpowere	a to pina the	э заррнег,	Kenichi SAITO			
The signature is signed in the average clim	nate / mediu	m-temperatu	re section.	Manager, Quality Assuarance Department			
-				TURKEY			

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 $[\]bullet \ \, \text{Details and precautions on recycling and/or disposal at end-of-life can be found in the installation and or operation manuals. }$

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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.

Model(s): Outdoor unit:		PUZ-SWM80YAA					
		Indoor unit:		EHST30D-MED			
Air-to-water heat pump:				yes			
Water-to-water heat pump:				no			
Brine-to-water heat pump:				no			
Low-temperature heat pump:				no			
Equipped with a supplementary heater:				no			
Heat pump combination heater:				yes			
Parameters for				low-temperature application.			
Parameters for				warmer climate conditions.			
ltem	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	8.0	kW	Seasonal space heating energy efficiency	ηs	214	%
Declared capacity for heating for part load a	t indoor	•		Declared coefficient of performance or primary e	nergy ratio fo	or	<u>, </u>
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdoor	or temperatu	re Tj	
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				ı
Tj = + 2 °C	Pdh	8.0	kW	Tj = + 2 °C	COPd	3.65	-
Degradation co-efficient (**)	Cdh	0.99	-				ı
Tj = + 7 °C	Pdh	5.1	kW	Tj = + 7 °C	COPd	5.05	-
Degradation co-efficient (**)	Cdh	0.98	-				ı
Tj = +12 °C	Pdh	4.7	kW	Tj = +12 °C	COPd	7.12	-
Degradation co-efficient (**)	Cdh	0.97	-				ı
Tj = bivalent temperature	Pdh	8.0	kW	Tj = bivalent temperature	COPd	3.65	-
Tj = operation limit temperature (***)	Pdh	8.0	kW	Tj = operation limit temperature (***)	COPd	3.65	-
							!
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 act	ive mode			Supplementary heater			
Off mode	P_{OFF}	0.022	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P_{TO}	0.022	kW				
Standby mode	P_SB	0.022	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 54	dB				
Annual energy consumption	Q_{HE}	1973	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	149	%
Daily electricity consumption	Qelec	5.350	kWh				
Annual electricity consumption	AEC	1176	kWh				
Contact details							–
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MAN				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No:1	9 Yunusemre –	Manisa, Turkey
The identification and signature of the perso	n empowere	u to bind the	supplier;	Kenichi SAITO			
The signature is signed in the average clim	ate / mediu	m-temperatu	re section	Manager, Quality Assuarance Department			

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

TURKEY

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

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

^(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating

^(**) 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.

Model(s):		Outdoor unit	:	PUZ-SWM80YAA					
		Indoor unit:		ERST30D-***D					
Air-to-water heat pump:				yes					
Water-to-water heat pump:				no					
Brine-to-water heat pump:				no					
Low-temperature heat pump:				no					
Equipped with a supplementary heater:				yes					
Heat pump combination heater:				yes					
Parameters for				medium-temperature application.					
Parameters for				average climate conditions.					
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit		
Rated heat output (*)	Prated	8.0	kW	Seasonal space heating energy efficiency	ηѕ	130	%		
Declared capacity for heating for part load a	t indoor	!		Declared coefficient of performance or primary e	nergy ratio fo	or			
temperature 20 °C and outdoor temperature	Гј			part load at indoor temperature 20 °C and outdoor	or temperatu	ıre Tj			
Tj = - 7 °C	Pdh	7.1	kW	Tj = - 7 °C	COPd	2.27	-		
Degradation co-efficient (**)	Cdh	0.99	-						
Tj = + 2 °C	Pdh	4.4	kW	Tj = + 2 °C	COPd	3.19	-		
Degradation co-efficient (**)	Cdh	0.98	-						
Tj = + 7 °C	Pdh	4.4	kW	Tj = + 7 °C	COPd	4.18	-		
Degradation co-efficient (**)	Cdh	0.98	-						
Tj = +12 °C	Pdh	2.8	kW	Tj = +12 °C	COPd	5.79	-		
Degradation co-efficient (**)	Cdh	0.96	-						
Tj = bivalent temperature	Pdh	7.1	kW	Tj = bivalent temperature	COPd	2.27	-		
Tj = operation limit temperature (***)	Pdh	7.4	kW	Tj = operation limit temperature (***)	COPd	1.83	-		
		1	1			<u> </u>			
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 acti	ive mode			Supplementary heater					
Off mode	P_{OFF}	0.022	kW	Rated heat output (*)	Psup	0.6	kW		
Thermostat-off mode	P_{TO}	0.022	kW						
Standby mode	P_SB	0.022	kW	Type of energy input		Electrical			
Crankcase heater mode	P _{CK}	0.000	kW						
Other items						, ,			
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h		
Sound power level, indoors/outdoors	L_{WA}	41 / 54	dB						
Annual energy consumption	Q_{HE}	4972	kWh						
For heat pump combination heater:									
Declared load profile		XL		Water heating energy efficiency	ηwh	123	%		
Daily electricity consumption	Qelec	6.450	kWh						
Annual electricity consumption	AEC	1417	kWh						
Contact details									

MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MANUFACTURING TURKEY JOINT STOCK COMPANY

Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zorlu Bulvari No:19 Yunusemre – Manisa, Turkey

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



Kenichi SAITO

Manager, Quality Assuarance Department

TURKEY

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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

^(**) 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.

Model(s):		Outdoor unit	:	PUZ-SWM80YAA			
		Indoor unit:		ERST30D-***D			
Air-to-water heat pump:				yes			
Water-to-water heat pump:				no			
Brine-to-water heat pump:				no			
Low-temperature heat pump:				no			
Equipped with a supplementary heater:				yes			
Heat pump combination heater:				yes			
Parameters for				low-temperature application.			
Parameters for				average climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	8.0	kW	Seasonal space heating energy efficiency	ηs	183	%
Declared capacity for heating for part load a	t indoor	•		Declared coefficient of performance or primary e	nergy ratio fo	or	
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdoor	or temperatu	re Tj	
Tj = - 7 °C	Pdh	7.1	kW	Tj = - 7 °C	COPd	3.20	-
Degradation co-efficient (**)	Cdh	0.99	-				!
Tj = + 2 °C	Pdh	4.4	kW	Tj = + 2 °C	COPd	4.75	-
Degradation co-efficient (**)	Cdh	0.98	-				l
Tj = + 7 °C	Pdh	5.0	kW	Tj = + 7 °C	COPd	5.61	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.0	kW	Tj = +12 °C	COPd	6.19	-
Degradation co-efficient (**)	Cdh	0.96	-				
Tj = bivalent temperature	Pdh	7.1	kW	Tj = bivalent temperature	COPd	3.20	-
Tj = operation limit temperature (***)	Pdh	7.5	kW	Tj = operation limit temperature (***)	COPd	2.63	-
			'				•
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 act	ive mode	•		Supplementary heater		•	
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	0.5	kW
Thermostat-off mode	P_{TO}	0.022	kW				
Standby mode	P_SB	0.022	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L_{WA}	41 / 54	dB				
Annual energy consumption	Q_{HE}	3555	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	123	%
Daily electricity consumption	Qelec	6.450	kWh				
Annual electricity consumption	AEC	1417	kWh				
Contact details			_				
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MAN				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No:1	9 Yunusemre –	Manisa, Turkey
The identification and signature of the person	ı empowere	u to bind the	supplier;	Kenichi SAITO			

Manager, Quality Assuarance Department The signature is signed in the average climate / medium-temperature section.

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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.

Model(s):		Outdoor unit:		PUZ-SWM80YAA			
		Indoor unit:		ERST30D-***D			
Air-to-water heat pump:				yes			
Water-to-water heat pump:				no			
Brine-to-water heat pump:				no			
Low-temperature heat pump:				no			
Equipped with a supplementary heater:				yes			
Heat pump combination heater:				yes			
Parameters for				medium-temperature application.			
Parameters for				colder climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	8.0	kW	Seasonal space heating energy efficiency	ηs	112	%
Declared capacity for heating for part load a	t indoor	•		Declared coefficient of performance or primary e	nergy ratio fo	г	
temperature 20 °C and outdoor temperature	Гј			part load at indoor temperature 20 °C and outdo	or temperatur	е Тј	
Tj = - 7 °C	Pdh	4.9	kW	Tj = - 7 °C	COPd	2.60	-
Degradation co-efficient (**)	Cdh	0.99	-		'		
Tj = + 2 °C	Pdh	4.0	kW	Tj = + 2 °C	COPd	3.33	-
Degradation co-efficient (**)	Cdh	0.98	-		'		
Tj = + 7 °C	Pdh	4.3	kW	Tj = + 7 °C	COPd	4.80	-
Degradation co-efficient (**)	Cdh	0.98	-				
Tj = +12 °C	Pdh	3.1	kW	Tj = +12 °C	COPd	6.65	-
Degradation co-efficient (**)	Cdh	0.95	-				
Tj = bivalent temperature	Pdh	6.7	kW	Tj = bivalent temperature	COPd	1.45	-
Tj = operation limit temperature (***)	Pdh	4.7	kW	Tj = operation limit temperature (***)	COPd	1.35	-
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	6.5	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	1.45	-
Bivalent temperature	Tbiv	-16	°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 acti	ve mode			Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	3.3	kW
Thermostat-off mode	P_{TO}	0.022	kW				
Standby mode	P_SB	0.022	kW	Type of energy input		Electrical	
Crankcase heater mode	P_{CK}	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dB		•		
Annual energy consumption	Q_{HE}	6875	kWh				
For heat pump combination heater:				•			
Declared load profile		XL		Water heating energy efficiency	ηwh	98	%
Daily electricity consumption	Qelec	8.000	kWh		•		
Annual electricity consumption	AEC	1759	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MAN				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No:19	Yunusemre – I	Manisa, Turkey
The identification and signature of the person	n empowere	d to bind the	e supplier;	Kenichi SAITO			
The signature is signed in the average clim	Manager, Quality Assuarance Department						

TURKEY

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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.

Model(s): Outdoor unit:		PUZ-SWM80YAA					
		Indoor unit:		ERST30D-***D			
Air-to-water heat pump:				yes			
Water-to-water heat pump:				no			
Brine-to-water heat pump:				no			
Low-temperature heat pump:				no			
Equipped with a supplementary heater:				yes			
Heat pump combination heater:				yes			
Parameters for				low-temperature application.			
Parameters for				colder climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	8.0	kW	Seasonal space heating energy efficiency	ηѕ	142	%
Declared capacity for heating for part load a	t indoor			Declared coefficient of performance or primary e	nergy ratio fo	г	,
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdo	or temperatur	е Тј	
Tj = - 7 °C	Pdh	4.8	kW	Tj = - 7 °C	COPd	3.43	-
Degradation co-efficient (**)	Cdh	0.98	-		'		ı
Tj = + 2 °C	Pdh	3.8	kW	Tj = + 2 °C	COPd	4.15	-
Degradation co-efficient (**)	Cdh	0.98	-		·		I.
Tj = + 7 °C	Pdh	4.5	kW	Tj = + 7 °C	COPd	5.45	-
Degradation co-efficient (**)	Cdh	0.97	-		'		ı
Tj = +12 °C	Pdh	3.1	kW	Tj = +12 °C	COPd	7.40	-
Degradation co-efficient (**)	Cdh	0.95	-				ı
Tj = bivalent temperature	Pdh	6.7	kW	Tj = bivalent temperature	COPd	2.00	-
Tj = operation limit temperature (***)	Pdh	4.7	kW	Tj = operation limit temperature (***)	COPd	1.40	-
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	6.5	kW	Tj = - 15 °C (if TOL < - 20 °C)	COPd	2.00	-
Bivalent temperature	Tbiv	-16	°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 act	ive mode			Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	3.3	kW
Thermostat-off mode	P_{TO}	0.022	kW				
Standby mode	P_SB	0.022	kW	Type of energy input		Electrical	
Crankcase heater mode	P _{CK}	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dB		•		'
Annual energy consumption	Q_{HE}	5444	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	98	%
Daily electricity consumption	Qelec	8.000	kWh				
Annual electricity consumption	AEC	1759	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MAN				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No:19	Yunusemre –	Manisa, Turkey
The identification and signature of the person	n empowere	a to bind the	e supplier;	Kenichi SAITO			
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^(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9.

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

Model(s):		Outdoor unit:		PUZ-SWM80YAA			
	Indoor unit:			ERST30D-***D			
Air-to-water heat pump:				yes			
Water-to-water heat pump:				no			
Brine-to-water heat pump:				no			
Low-temperature heat pump:				no			
Equipped with a supplementary heater:			yes				
Heat pump combination heater:				yes			
Parameters for				medium-temperature application.			
Parameters for				warmer climate conditions.			
Item	Symbol	Value	Unit	ltem	Symbol	Value	Unit
Rated heat output (*)	Prated	8.0	kW	Seasonal space heating energy efficiency	ηs	166	%
Declared capacity for heating for part load a	t indoor	!		Declared coefficient of performance or primary e	nergy ratio fc	or Or	!
temperature 20 °C and outdoor temperature	Тj			part load at indoor temperature 20 °C and outdoo	or temperatu	re Tj	
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-				1
Tj = + 2 °C	Pdh	8.0	kW	Tj = + 2 °C	COPd	2.00	-
Degradation co-efficient (**)	Cdh	1.00	-				I
Tj = + 7 °C	Pdh	5.2	kW	Tj = + 7 °C	COPd	3.48	-
Degradation co-efficient (**)	Cdh	0.99	-				
Tj = +12 °C	Pdh	4.5	kW	Tj = +12 °C	COPd	5.92	-
Degradation co-efficient (**)	Cdh	0.97	-				1
Tj = bivalent temperature	Pdh	8.0	kW	Tj = bivalent temperature	COPd	2.00	-
Tj = operation limit temperature (***)	Pdh	8.0	kW	Tj = operation limit temperature (***)	COPd	2.00	-
		<u>, </u>				ī	•
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 act	ive mode			Supplementary heater			
Off mode	P_{OFF}	0.022	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P_{TO}	0.022	kW		ı		
Standby mode	P_SB	0.022	kW	Type of energy input	ı	Electrical	
Crankcase heater mode	P _{CK}	0.000	kW		L		
Other items							
Capacity control		variable		Rated air flow rate, outdoors	-	2220	m³/h
Sound power level, indoors/outdoors	L_WA	41 / 54	dB				
Annual energy consumption	Q_{HE}	2532	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	149	%
Daily electricity consumption	Qelec	5.350	kWh				
Annual electricity consumption	AEC	1176	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MAN				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	u Bulvari No:19	9 Yunusemre –	Manisa, Turkey
The identification and signature of the person	ii eiiibowete	a to billia the	suppliel,	Kenichi SAITO			
The signature is signed in the average clim	ate / mediur	m-temperatu	re section.	Manager, Quality Assuarance Department			

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

Model(s):		Outdoor unit:		PUZ-SWM80YAA			
		Indoor unit:		ERST30D-***D			
Air-to-water heat pump:				yes			
Water-to-water heat pump:				no			
Brine-to-water heat pump:				no			
Low-temperature heat pump:				no			
Equipped with a supplementary heater:				yes			
Heat pump combination heater:				yes			
Parameters for				low-temperature application.			
Parameters for				warmer climate conditions.			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	8.0	kW	Seasonal space heating energy efficiency	ηs	225	%
Declared capacity for heating for part load a	t indoor	•		Declared coefficient of performance or primary e	nergy ratio fo	r	
temperature 20 °C and outdoor temperature	Гј			part load at indoor temperature 20 °C and outdo	or temperatur	e Tj	
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-	-
Degradation co-efficient (**)	Cdh	-	-		'		
Tj = + 2 °C	Pdh	8.0	kW	Tj = + 2 °C	COPd	3.65	-
Degradation co-efficient (**)	Cdh	0.99	-		!		
Tj = + 7 °C	Pdh	5.1	kW	Tj = + 7 °C	COPd	5.05	-
Degradation co-efficient (**)	Cdh	0.98	-		!		
Tj = +12 °C	Pdh	4.7	kW	Tj = +12 °C	COPd	7.12	-
Degradation co-efficient (**)	Cdh	0.97	-		'		
Tj = bivalent temperature	Pdh	8.0	kW	Tj = bivalent temperature	COPd	3.65	-
Tj = operation limit temperature (***)	Pdh	8.0	kW	Tj = operation limit temperature (***)	COPd	3.65	-
					<u>'</u>		
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 act	ive mode	•		Supplementary heater			
Off mode	P _{OFF}	0.022	kW	Rated heat output (*)	Psup	0.0	kW
Thermostat-off mode	P_{TO}	0.022	kW				
Standby mode	P_SB	0.022	kW	Type of energy input		Electrical	
Crankcase heater mode	P_{CK}	0.000	kW				
Other items							
Capacity control		variable		Rated air flow rate, outdoors	- '	2220	m³/h
Sound power level, indoors/outdoors	L _{WA}	41 / 54	dB		•		
Annual energy consumption	Q_{HE}	1876	kWh				
For heat pump combination heater:							
Declared load profile		XL		Water heating energy efficiency	ηwh	149	%
Daily electricity consumption	Qelec	5.350	kWh		•		
Annual electricity consumption	AEC	1176	kWh				
Contact details							
MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS MAN				Manisa OSB 4.Kisim Kecilikoyosb Mah. Ahmet Nazif Zor	lu Bulvari No:19	Yunusemre – I	Manisa, Turkey
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