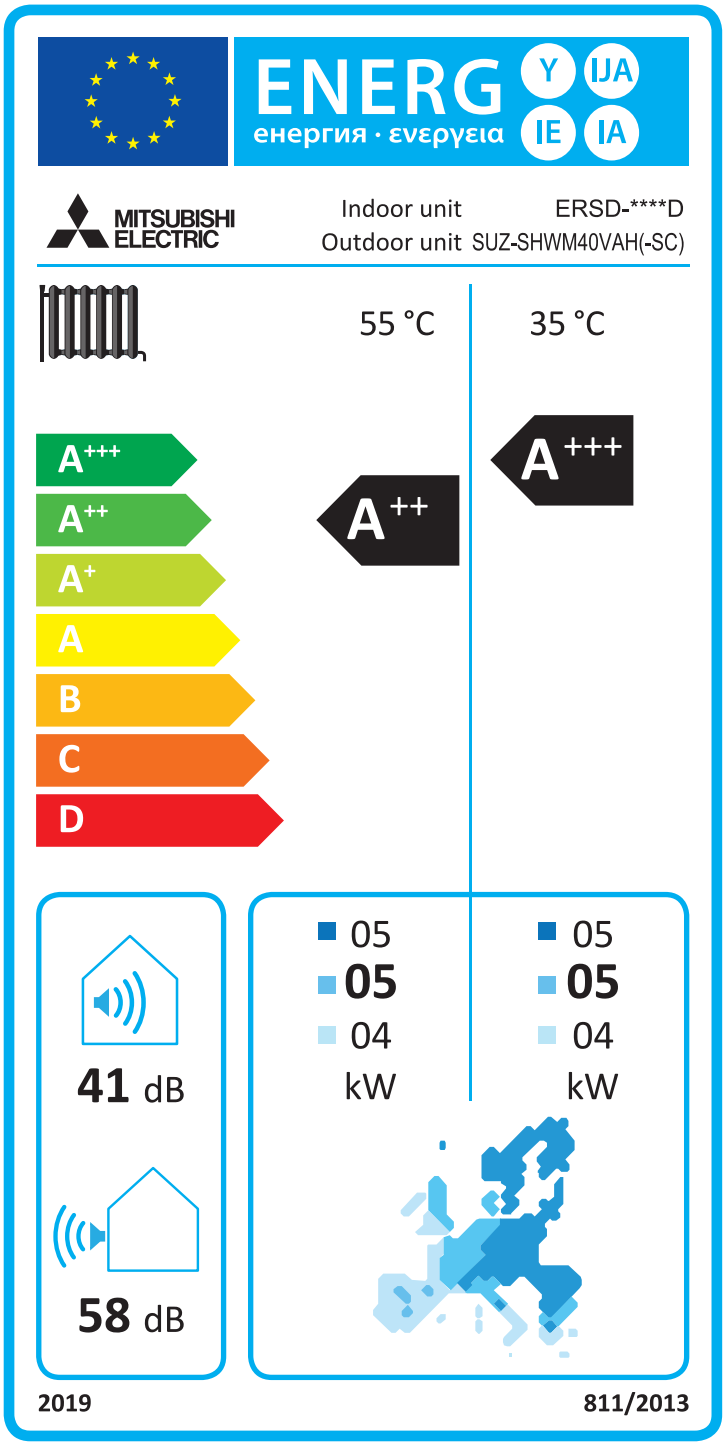
ENERG
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MITSUBISHI ELECTRIC
Indoor unit ERSD-****D
Outdoor unit SUZ-SHWM40VAH(-SC)
55 °C
35 °C
A+++
A++
A+
A
B
C
D
A++
A+++
41 dB
58 dB
05
05
04
kW
05
05
04
kW
2019
811/2013

MITSUBISHI ELECTRIC

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													For low-temperature application											
1	2	3	6	8	11	9	13	15	16	21	22	17	18	25	4	6	8	11	9	13	15	16	21	22	17	18	25
Outdoor unit	Indoor unit	Medium-temperature application	Seasonal space heating energy efficiency class	Rated heat output under average climate conditions	Seasonal space heating energy efficiency under average climate conditions	For space heating, annual energy consumption under average climate conditions	Sound power level L_{WA} indoor	Rated heat output under colder climate conditions	Rated heat output under warmer climate conditions	Seasonal space heating energy efficiency under colder climate conditions	Seasonal space heating energy efficiency under warmer climate conditions	For space heating, annual energy consumption under colder climate conditions	For space heating, annual energy consumption under warmer climate conditions	Sound power level L_{WA} outdoor	Low-temperature application	Seasonal space heating energy efficiency class	Rated heat output under average climate conditions	Seasonal space heating energy efficiency under average climate conditions	For space heating, annual energy consumption under average climate conditions	Sound power level L_{WA} indoor	Rated heat output under colder climate conditions	Rated heat output under warmer climate conditions	Seasonal space heating energy efficiency under warmer climate conditions	For space heating, annual energy consumption under colder climate conditions	For space heating, annual energy consumption under warmer climate conditions	Sound power level L_{WA} outdoor
				kW	%	kWh	dB	kW	kW	%	%	kWh	kWh	dB			kW	%	kWh	dB	kW	kW	%	%	kWh	kWh	dB
SUZ-SWM30VA	EHSD-****D	✓	A++	4	130	2230	41	3	3	112	168	2916	937	57	✓	A+++	4	191	1706	41	3	3	149	235	2077	675	57
	ERSD-****D	✓	A++	4	133	2193	41	3	3	113	177	2894	893	57	✓	A+++	4	195	1670	41	3	3	151	251	2055	630	57
SUZ-SHWM30VAH	EHSD-****D	✓	A+	4	124	2347	41	4	3	104	167	3307	940	57	✓	A+++	4	180	1802	41	4	3	138	237	2521	668	57
	ERSD-****D	✓	A++	4	126	2311	41	4	3	105	176	3285	896	57	✓	A+++	4	184	1766	41	4	3	139	254	2499	624	57
SUZ-SWM40VA2(-SC)	EHSD-****D	✓	A++	5	133	2735	41	4	4	114	175	3722	1204	57	✓	A+++	5	196	1954	41	4	4	151	246	2815	858	57
	ERSD-****D	✓	A++	5	135	2699	41	4	4	114	181	3699	1159	57	✓	A+++	5	200	1918	41	4	4	152	260	2793	814	57
SUZ-SHWM40VAH(-SC)	EHSD-****D	✓	A+	5	124	2994	41	5	4	102	161	4711	1305	58	✓	A++	5	172	2366	41	5	4	145	242	3328	872	58
	ERSD-****D	✓	A++	5	126	2939	41	5	4	102	170	4678	1239	58	✓	A+++	5	176	2311	41	5	4	147	262	3295	806	58
SUZ-SWM60VA2(-SC)	EHSD-****D	✓	A++	6	134	3615	41	5	6	106	170	4534	1854	60	✓	A+++	6	185	2681	41	5	6	155	257	3121	1231	60
	ERSD-****D	✓	A++	6	136	3560	41	5	6	107	176	4501	1787	60	✓	A+++	6	189	2626	41	5	6	157	272	3088	1165	60
SUZ-SHWM60VAH(-SC)	EHSD-****D	✓	A++	6	126	3850	41	6	6	100	167	5265	1884	60	✓	A+++	6	175	2838	41	6	6	147	230	3616	1378	60
	ERSD-****D	✓	A++	6	128	3794	41	6	6	101	173	5231	1818	60	✓	A+++	6	178	2783	41	6	6	148	241	3583	1312	60
SUZ-SWM80VA2	EHSD-****D	✓	A++	7	133	4262	41	6	8	105	171	5035	2305	60	✓	A+++	7	183	2929	41	6	8	146	234	3830	1693	60
	ERSD-****D	✓	A++	7	135	4207	41	6	8	105	176	5002	2239	60	✓	A+++	7	187	2874	41	6	8	148	243	3797	1626	60
SUZ-SWM80VAH2	EHSD-****D	✓	A++	7	128	4401	41	6	8	99	170	5311	2311	60	✓	A+++	7	175	3070	41	6	8	136	233	4101	1699	60
	ERSD-****D	✓	A++	7	130	4346	41	6	8	100	176	5278	2244	60	✓	A+++	7	178	3015	41	6	8	138	242	4068	1633	60
SUZ-SWM100VA	EHSD-****D	✓	A++	8	133	4567	41	6	9	104	175	5054	2558	62	✓	A+++	8	179	3548	41	7	9	144	229	4484	2071	62
	ERSD-****D	✓	A++	8	134	4512	41	6	9	105	179	5021	2491	62	✓	A+++	8	182	3492	41	7	9	145	237	4451	2005	62
SUZ-SWM100VAH	EHSD-****D	✓	A++	8	127	4758	41	6	9	100	175	5273	2559	62	✓	A++	8	174	3640	41	7	9	137	230	4704	2063	62
	ERSD-****D	✓	A++	8	129	4703	41	6	9	100	179	5240	2493	62	✓	A+++	8	177	3585	41	7	9	138	238	4671	1997	62

2.COMBINATION HEATER

		For medium-temperature application																							For low-temperature application																									
1	2	3	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Outdoor unit	Indoor unit	Medium-temperature application	Declared load profile	Seasonal space heating energy efficiency class	Water heating energy efficiency class	Rated heat output under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual electricity consumption under average climate conditions	Seasonal space heating energy efficiency under average climate conditions	Water heating energy efficiency under average climate conditions	Sound power level L_{WA} indoor	Work only during off-peak hours	Rated heat output under colder climate conditions	Rated heat output under warmer climate conditions	For space heating, annual energy consumption under colder climate conditions	For space heating, annual energy consumption under warmer climate conditions	For water heating, annual energy consumption under colder climate conditions	For water heating, annual energy consumption under warmer climate conditions	Seasonal space heating energy efficiency under colder climate conditions	Seasonal space heating energy efficiency under warmer climate conditions	Water heating energy efficiency under colder climate conditions	Water heating energy efficiency under warmer climate conditions	Sound power level L_{WA} outdoor	Low-temperature application	Declared load profile	Seasonal space heating energy efficiency class	Water heating energy efficiency class	Rated heat output under average climate conditions	For space heating, annual energy consumption under average climate conditions	For water heating, annual electricity consumption under average climate conditions	Seasonal space heating energy efficiency under average climate conditions	Water heating energy efficiency under average climate conditions	Sound power level L_{WA} indoor	Work only during off-peak hours	Rated heat output under colder climate conditions	Rated heat output under warmer climate conditions	For space heating, annual energy consumption under colder climate conditions	For space heating, annual energy consumption under warmer climate conditions	For water heating, annual energy consumption under colder climate conditions	For water heating, annual energy consumption under warmer climate conditions	Seasonal space heating energy efficiency under colder climate conditions	Seasonal space heating energy efficiency under warmer climate conditions	Water heating energy efficiency under colder climate conditions	Water heating energy efficiency under warmer climate conditions	Sound power level L_{WA} outdoor
						kW	kWh	kWh	%	%	dB		kW	kW	kWh	kWh	kWh	kWh	%	%	%	%	dB					kW	kWh	kWh	%	%	dB		kW	kW	kWh	kWh	kWh	kWh	%	%	%	%	dB
SUZ-SWM30VA	EHST17D-****D	✓	L	A++	A+	4	2230	776	130	147	41	-	3	3	2916	937	886	709	112	168	121	169	57	✓	L	A+++	A+	4	1706	776	191	147	41	-	3	3	2077	675	886	709	149	235	121	169	57
	ERST17D-****D	✓	L	A++	A+	4	2193	776	133	147	41	-	3	3	2894	893	886	709	113	177	121	169	57	✓	L	A+++	A+	4	1670	776	195	147	41	-	3	3	2055	630	886	709	151	251	121	169	57
	ERST17D-***BD	✓	L	A++	A+	4	2193	776	133	147	41	-	3	3	2894	893	886	709	113	177	121	169	57	✓	L	A+++	A+	4	1670	776	195	147	41	-	3	3	2055	630	886	709	151	251	121	169	57
	EHST20D-****D	✓	L	A++	A+	4	2230	821	130	147	41	-	3	3	2916	937	883	714	112	168	127	173	57	✓	L	A+++	A+	4	1706	821	191	147	41	-	3	3	2077	675	883	714	149	235	127	173	57
	ERST20D-****D	✓	L	A++	A+	4	2193	821	133	147	41	-	3	3	2894	893	883	714	113	177	127	173	57	✓	L	A+++	A+	4	1670	821	195	147	41	-	3	3	2055	630	883	714	151	251	127	173	57
	EHST30D-****D	✓	XL	A++	A+	4	2230	1356	130	127	41	-	3	3	2916	937	1574	1129	112	168	109	153	57	✓	XL	A+++	A+	4	1706	1356	191	127	41	-	3	3	2077	675	1574	1129	149	235	109	153	57
	ERST30D-****D	✓	XL	A++	A+	4	2193	1356	133	127	41	-	3	3	2894	893	1574	1129	113	177	109	153	57	✓	XL	A+++	A+	4	1670	1356	195	127	41	-	3	3	2055	630	1574	1129	151	251	109	153	57
SUZ-SHWM30VAH	EHST17D-****D	✓	L	A+	A+	4	2347	776	124	147	41	-	4	3	3307	940	886	709	104	167	121	169	57	✓	L	A+++	A+	4	1802	776	180	147	41	-	4	3	2521	668	886	709	138	237	121	169	57
	ERST17D-****D	✓	L	A++	A+	4	2311	776	126	147	41	-	4	3	3285	896	886	709	105	176	121	169	57	✓	L	A+++	A+	4	1766	776	184	147	41	-	4	3	2499	624	886	709	139	254	121	169	57
	ERST17D-***BD	✓	L	A++	A+	4	2311	776	126	147	41	-	4	3	3285	896	886	709	105	176	121	169	57	✓	L	A+++	A+	4	1766	776	184	147	41	-	4	3	2499	624	886	709	139	254	121	169	57
	EHST20D-****D	✓	L	A+	A+	4	2347	821	124	147	41	-	4	3	3307	940	883	714	104	167	127	173	57	✓	L	A+++	A+	4	1802	821	180	147	41	-	4	3	2521	668	883	714	138	237	127	173	57
	ERST20D-****D	✓	L	A++	A+	4	2311	821	126	147	41	-	4	3	3285	896	883	714	105	176	127	173	57	✓	L	A+++	A+	4	1766	821	184	147	41	-	4	3	2499	624	883	714	139	254	127	173	57
	EHST30D-****D	✓	XL	A+	A+	4	2347	1356	124	127	41	-	4	3	3307	940	1574	1129	104	167	109	153	57	✓	XL	A+++	A+	4	1802	1356	180	127	41	-	4	3	2521	668	1574	1129	138	237	109	153	57
	ERST30D-****D	✓	XL	A++	A+	4	2311	1356	126	127	41	-	4	3	3285	896	1574	1129	105	176	109	153	57	✓	XL	A+++	A+	4	1766	1356	184	127	41	-	4	3	2499	624	1574	1129	139	254	109	153	57
SUZ-SWM40VA2(-SC)	EHST17D-****D	✓	L	A++	A+	5	2735	776	133	147	41	-	4	4	3722	1204	886	709	114	175	121	169	57	✓	L	A+++	A+	5	1954	776	196	147	41	-	4	4	2815	858	886	709	151	246	121	169	57
	ERST17D-****D	✓	L	A++	A+	5	2699	776	135	147	41	-	4	4	3699	1159	886	709	114	181	121	169	57	✓	L	A+++	A+	5	1918	776	200	147	41	-	4	4	2793	814	886	709	152	260	121	169	57
	ERST17D-***BD	✓	L	A++	A+	5	2699	776	135	147	41	-	4	4	3699	1159	886	709	114	181	121	169	57	✓	L	A+++	A+	5	1918	776	200	147	41	-	4	4	2793	814	886	709	152	260	121	169	57
	EHST20D-****D	✓	L	A++	A+	5	2735	821	133	147	41	-	4	4	3722	1204	883	714	114	175	127	173	57	✓	L	A+++	A+	5	1954	821	196	147	41	-	4	4	2815	858	883	714	151	246	127	173	57
	ERST20D-****D	✓	L	A++	A+	5	2699	821	135	147	41	-	4	4	3699	1159	883	714	114	181	127	173	57	✓	L	A+++	A+	5	1918	821	200	147	41	-	4	4	2793	814	883	714	152	260	127	173	57
	EHST30D-****D	✓	XL	A++	A+	5	2735	1356	133	127	41	-	4	4	3722	1204	1574	1129	114	175	109	153	57	✓	XL	A+++	A+	5	1954	1356	196	127	41	-	4	4	2815	858	1574	1129	151	246	109	153	57
	ERST30D-****D	✓	XL	A++	A+	5	2699	1356	135	127	41	-	4	4	3699	1159	1574	1129	114	181	109	153	57	✓	XL	A+++	A+	5	1918	1356	200	127	41	-	4	4	2793	814	1574	1129	152	260	109	153	57
SUZ-SHWM40VAH(-SC)	EHST17D-****D	✓	L	A+	A+	5	2994	832	124	139	41	-	5	4	4711	1305	892	646	102	161	120	167	58	✓	L	A++	A+	5	2366	832	172	139	41	-	5	4	3328	872	892	646	145	242	120	167	58
	ERST17D-****D	✓	L	A++	A+	5	2939	832	126	139	41	-	5	4	4678	1239	892	646	102	170	120	167	58	✓	L	A+++	A+	5	2311	832	176	139	41	-	5	4	3295	806	892	646	147	262	120	167	58
	ERST17D-***BD	✓	L	A++	A+	5	2939	832	126	139	41	-	5	4	4678	1239	892	646	102	170	120	167	58	✓	L	A+++	A+	5	2311	832	176	139	41	-	5	4	3295	806	892	646	147	262	120	167	58
	EHST20D-****D	✓	L	A+	A+	5	2994	831	124	142	41	-	5	4	4711	1305	921	713	102	161	123	174	58	✓	L	A++	A+	5	2366	831	172	142	41	-	5	4	3328	872	921	713	145	242	123	174	58
	ERST20D-****D	✓	L	A++	A+	5	2939	831	126	142	41	-	5	4	4678	1239	921	713	102	170	123	174	58	✓	L	A+++	A+	5	2311	831	176	142	41	-	5	4	3295	806	921	713	147	262	123	174	58
	EHST30D-****D	✓	XL	A+	A+	5	2994	1374	124	125	41	-	5	4	4711	1305	1875	1137	102	161	91	152	58	✓	XL	A++	A+	5	2366	1374	172	125	41	-	5	4	3328	872	1875	1137	145	242	91	152	58
	ERST30D-****D	✓	XL	A++	A+	5	2939	1374	126	125	41	-	5	4	4678	1239	1875	1137	102	170	91	152	58	✓	XL	A+++	A+	5	2311	1374	176	125	41	-	5	4	3295	806	1875	1137	147	262	91	152	58
SUZ-SWM60VA2(-SC)	EHST17D-****D	✓	L	A++	A+	6	3615	832	134	139	41	-	5	6	4534	1854	892	646	106	170	120	167	60	✓	L	A+++	A+	6	2681	832	185	139	41	-	5	6	3121	1231	892	646	155	257	120	167	60
	ERST17D-****D	✓	L	A++	A+	6	3560	832	136	139	41	-	5	6	4501	1787	892	646	107	176	120	167	60	✓	L	A+++	A+	6	2626	832	189	139	41	-	5	6	3088	1165	892	646	157	272	120	167	60
	ERST17D-***BD	✓	L	A++	A+	6	3560	832	136	139	41	-	5	6	4501	1787	892	646	107	176	120	167	60	✓	L	A+++	A+	6	2626	832	189	139	41	-	5	6	3088	1165	892	646	157	272	120	167	60
	EHST20D-****D	✓	L	A++	A+	6	3615	831	134	142	41	-	5	6	4534	1854	921	713	106	170	123	174	60	✓	L	A+++	A+	6	2681	831	185	142	41	-	5	6	3121	1231	921	713	155	257	123	174	60
	ERST20D-****D	✓	L	A++	A+	6	3560	831	136	142	41	-	5	6	4501	1787	921	713	107	176	123	174	60	✓	L	A+++	A+	6	2626	831	189	142	41	-	5	6	3088	1165	921	713	157	272	123	174	60
	EHST30D-****D	✓	XL	A++	A+	6	3615	1374	134	125	41	-	5	6	4534	1854	1875	1137	106	170	91	152	60	✓	XL	A+++	A+	6	2681	1374	185	125	41	-	5	6	3121	1231	1875	1137	155	257	91	152	60
	ERST30D-****D	✓	XL	A++	A+	6	3560	1374	136	125	41	-	5	6	4501	1787	1875	1137	107	176	91	152	60	✓	XL	A+++	A+	6	2626	1374	189	125	41	-	5	6	3088	1165	1875	1137	157	272	91	152	60
SUZ-SHWM60VAH(-SC)	EHST17D-****D	✓	L	A++	A+	6	3850	758	126	140	41	-	6	6	5265	1884	891	740	100	167	118	166	60	✓	L	A+++	A+	6	2838	758	175	140	41	-	6	6	3616	1378	891	740	147	230	118	166	60
	ERST17D-****D	✓	L	A++	A+	6	3794	758	128	140	41	-	6	6	5231	1818	891	740	101	173	118	166	60	✓	L	A+++	A+	6	2783	758	178	140	41	-	6	6	3583	1312	891	740	148	241	118	166	60
	ERST17D-***BD	✓	L	A++	A+	6	3794	758	128	140	41	-	6	6	5231	1818	891	740	101	173	118	166	60	✓	L	A+++	A+	6	2783	758	178	140	41	-	6	6	3583	1312	891	740	148	241	118	166	60
	EHST20D-****D	✓	L	A++	A+	6	3850	747	126	142	41	-	6	6	5265	1884	944	676	100	167	112	159	60	✓	L	A+++	A+	6	2838	747	175	142	41	-	6	6	3616	1378	944	676	147	230	112	159	60
	ERST20D-****D	✓	L	A++	A+	6	3794	747	128	142	41	-	6	6	5231	1818	944	676	101	173	112	159	60	✓	L	A+++	A+	6	2783	747	178	142	41	-	6	6	3583	1312	944	676	148	241	112	159	60
	EHST30D-****D	✓	XL	A++	A+	6	3850	1243	126	139	41	-	6	6	5265	1884	1868	1087	100	167	92	159	60	✓	XL	A+++	A+	6	2838	1243	175	139	41	-	6	6	3616	1378	1868	1087	147	230	92	159	60
	ERST30D-****D	✓	XL	A++	A+	6	3794	1243	128	139	41	-	6	6	5231	1818	1868	1087	101	173	92	159	60	✓	XL	A+++	A+	6	2783	1243	178	139	41	-	6	6	3583	1312	1868	1087	148	241	92	159	60
SUZ-SWM80VA2	EHST17D-****D	✓	L	A++	A+	7	4262	758	133	140	41	-	6	8	5035	2305	891	740	105	171	118	166	60	✓	L	A+++	A+	7	2929	758	183	140	41	-	6	8	3830	1693	891	740	146	234	118	166	60
	ERST17D-****D	✓	L	A++	A+	7	4207	758	135	140	41	-	6	8	5002	2239	891	740	105	176	118	166	60	✓	L	A+++	A+	7	2874	758	187	140	41	-	6	8	3797	1626	891	740	148	243	118	166	60
	ERST17D-***BD	✓	L	A++	A+	7	4207	758	135	140	41	-	6	8	5002	2239	891	740	105	176	118	166	60	✓	L	A+++	A+	7	2874	758	187	140	41	-	6	8	3797	1626	891	740	148	243	118	166	60
	EHST20D-****D	✓	L	A++	A+	7	4262	747	133	142	41	-	6	8	5035	2305	944	676	105	171	112	159	60	✓	L	A+++	A+	7	2929	747	183	142	41	-	6	8	3830	1693	944	676	146	234	112	159	60
	ERST20D-****D	✓	L	A++	A+	7	4207	747	135	142	41	-	6	8	5002	2239	944	676	105	176	112	159	60	✓	L	A+++	A+	7	2874	747	187	142	41	-	6	8	3797	1626	944	676	148	243	112	159	60
	EHST30D-****D	✓	XL	A++	A+	7	4262	1243	133	139	41	-	6	8	5035	2305	1868	1087	105	171	92	159	60	✓	XL	A+++	A+	7	2929	1243	183	139	41	-	6	8	3830	1693	1868	1087	146	234	92	159	60
	ERST30D-****D	✓	XL	A++	A+	7	4207	1243	135	139	41	-	6	8	5002	2239	1868	1087	105	176	92	159	60	✓	XL	A+++	A+	7	2874	1243	187	139	41	-	6	8	3797	1626	1868	1087	148	243	92	159	60
SUZ-SWM80VAH2	EHST17D-****D	✓	L	A++	A+	7	4401	758	128	140	41	-	6	8	5311	2311	891	740	99	170	118	166	60	✓	L	A+++	A+	7	3070	758	175	140	41	-	6	8	4101	1699	891	740	136	233	118	166	60
	ERST17D-****D	✓	L	A++	A+	7	4346	758	130	140	41	-	6	8	5278	2244	891	740	100	176	118	166	60	✓	L	A+++	A+	7	3015	758	178	140	41	-	6	8	4068	1633	891	740	138	242	118	166	60
	ERST17D-***BD	✓	L	A++	A+	7	4346	758	130	140	41	-	6	8	5278	2244	891	740	100	176	118	166	60	✓	L	A+++	A+	7	3015	758	178	140	41	-	6	8	4068	1633	891	740	138	242	118	166	60
	EHST20D-****D	✓	L	A++	A+	7	4401	747	128	142	41	-	6	8	5311	2311	944	676	99	170	112	159	60	✓	L	A+++	A+	7	3070	747	175	142	41	-	6	8	4101	1699	944	676	136	233	112	159	60
	ERST20D-****D	✓	L	A++	A+	7	4346	747	130	142	41	-	6	8	5278	2244	944	676	100	176	112	159	60	✓	L	A+++	A+	7	3015	747	178	142	41	-	6	8	4068	1633	944	676	138	242	112	159	60
	EHST30D-****D	✓	XL	A++	A+	7	4401	1243	128	139	41	-	6	8	5311	2311	1868	1087	99	170	92	159	60	✓	XL	A+++	A+	7	3070	1243	175	139	41	-	6	8	4101	1699	1868	1087	136	233	92	159	60
	ERST30D-****D	✓	XL	A++	A+	7	4346	1243	130	139	41	-	6	8	5278	2244	1868	1087	100	176	92	159	60	✓	XL	A+++	A+	7	3015	1243	178	139	41	-	6	8	4068	1633	1868	1087	138	242	92	159	60
SUZ-SWM100VA	EHST17D-****D	✓	L	A++	A+	8	4567	758	133	140	41	-	6	9	5054	2558	891	740	104	175	118	166	62	✓	L	A+++	A+	8	3548	758	179	140	41	-	7	9	4484	2071	891	740	144	229	118	166	62
	ERST17D-****D	✓	L	A++	A+	8	4512	758	134	140	41	-	6	9	5021	2491	891	740	105	179	118	166	62	✓	L	A+++	A+	8	3492	758	182	140	41	-	7	9	4451	2005	891	740	145	237	118	166	62
	ERST17D-***BD	✓	L	A

	English	Deutsch	Français	Italiano	Español
	Nederlands	Svenska	Dansk	Português	Ελληνικά
	suomi	Čeština	Български	Polski	-
1	Outdoor unit	Außengerät	unité extérieure	unità esterna	unidad exterior
	buitenunit	Utomhusenhet	Udendørs enhed	unidade exterior	Εξωτερική μονάδα
	Ulkoyksikkö	Venkovní jednotka	Външно тяло	jednostka zewnętrzna	-
2	Indoor unit	Innengerät	unité intérieure	unità interna	unidad interior
	binnenunit	Inomhusenhet	Indendørs enhed	unidade interior	Εσωτερική μονάδα
	Sisäyksikkö	Vnitřní jednotka	Вътрешно тяло	jednostka wewnętrzna	-
3	Medium-temperature application	Mitteltemperaturanwendung	l'application à moyenne température	le applicazioni a media temperatura	la aplicación de media temperatura
	middentemperatuur-toepassing	mediumtemperaturapplikation	middeltemperaturanvendelsen	a aplicação a média temperatura	η εφαρμογή σε μέση θερμοκρασία
	keskilämpötilan sovellus	střednĕteplotní aplikace	среднотемпературното приложение	zastosowania w średnich temperaturach	-
4	Low-temperature application	Niedertemperaturanwendung	l'application à basse température	le applicazioni a bassa temperatura	la aplicación de baja temperatura
	lagetemperatuur-toepassing	lågtemperaturapplikation	lavtemperaturanvendelsen	a aplicação a baixa temperatura	η εφαρμογή σε χαμηλή θερμοκρασία
	matalanlämpötilan sovellus	nízkoteplotní aplikace	нискотемпературни приложения	zastosowania w niskich temperaturach	-
5	Declared load profile	Angegebenes Lastprofil	Profil de soutirage déclaré	Profilo di carico dichiarato	Perfil de carga declarado
	Opgegeven capaciteitsprofiel	Deklarerad belastningsprofil	Angivet forbrugsprofil	Perfil de carga declarado	Δηλωμένο προφίλ φορτίου
	Ilmoitettu kuormitusprofiili	Deklarovaný zátěžový profil	Обявен товаров профил	Deklarowany profil obciążeń	-
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	la classe di efficienza energetica stagionale del riscaldamento d'ambiente	la clase de eficiencia energética estacional de calefacción
	de seizoensgebonden energie-efficiëntieklasse voor ruimteverwarming	säsongsrelaterade energieffektivitetsklass vid rumsuppvärmning	klassen for årsvirkningsgrad ved rumopvarmning	A classe de eficiência energética do aquecimento ambiente sazonal	η τάξη ενεργειακής απόδοσης της εποχιακής θέρμανσης χώρου
	tilalämmityksen kausittainen energiatehokkuusluokka	třída sezonní energetické účinnosti vytápění	класът на сезонната отоплителна енергийна ефективност	klasa sezonowej efektywności energetycznej ogrzewania pomieszczeń	-
7	Water heating energy efficiency class	die Klasse für die Warmwasserbereitungs-Energieeffizienz	la classe d'efficacité énergétique, pour le chauffage de l'eau	la classe di efficienza energetica del riscaldamento dell'acqua	la clase de eficiencia energética del caldeo de agua
	de energie-efficiëntieklasse voor waterverwarming	energieffektivitetsklass vid vattenuppvärmning	klassen for årsvirkningsgrad ved vandopvarmning	A classe de eficiência energética do aquecimento de água	η τάξη ενεργειακής απόδοσης θέρμανσης νερού
	vedenlämmityksen energiatehokkuusluokka	třída energetické účinnosti ohřevu vody	класът на енергийната ефективност при подгряване на вода	klasa efektywności energetycznej podgrzewania wody	-
8	Rated heat output under average climate conditions	die Wärmenennleistung bei durchschnittlichen Klimaverhältnissen	la puissance thermique nominale dans les conditions climatiques moyennes	la potenza termica nominale(in condizioni climatiche medie)	la potencia calorífica nominal(en condiciones climáticas medias)
	de nominale warmteafgifte(onder gemiddelde klimaatomstandigheden)	Den nominella avgivna värmeeffekten(under genomsnittliga klimatförhållanden)	den nominelle nytteeffekt(under gennemsnitlige klimaforhold)	A potência calorífica nominal(em condições climáticas médias)	η ονομαστική θερμική ισχύς(υπό μέσες κλιματικές συνθήκες)
	nimellislämpöteho(keskimääräisissä ilmasto-olosuhteissa)	jmenovitý tepelný výkon(za průměrných klimatických podmínek)	номиналната топлинна мощност(при средни климатични условия)	znamionowa moc cieplna(w warunkach klimatu umiarkowanego)	-
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)	per il riscaldamento d'ambiente, il consumo annuo di energia(in condizioni climatiche medie)	para calentar espacios, el consumo anual de energía(en condiciones climáticas medias)
	voor ruimteverwarming, het jaarlijkse energieverbruik(onder gemiddelde klimaatomstandigheden)	För rumsuppvärmning, årlig energiförbrukning(vid genomsnittliga klimatförhållanden)	for rumopvarmning det årlige energiforbrug(under gennemsnitlige klimaforhold)	Para o aquecimento ambiente, o consumo anual de energia(em condições climáticas médias)	για τη θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας(υπό μέσες κλιματικές συνθήκες)
	tilalämmityksestä vuotuinen energiankulutus(keskimääräisissä ilmasto-olosuhteissa)	pro vytápění – roční spotřeba energie za průměrných klimatických podmínek	за отопление, годишното потребление на енергия(при средни климатични условия)	w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii(w warunkach klimatu umiarkowanego)	-
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)	per il riscaldamento dell'acqua, il consumo annuo di energia(in condizioni climatiche medie)	para calentar agua, el consumo anual de electricidad(en condiciones climáticas medias)
	voor waterverwarming, het jaarlijkse elektriciteitsverbruik(onder gemiddelde klimaatomstandigheden)	För vattenuppvärmning, årlig elförbrukning(vid genomsnittliga klimatförhållanden)	for vandopvarmning det årlige elforbrug(under gennemsnitlige klimaforhold)	para o aquecimento de água, o consumo anual de eletricidade(em condições climáticas médias)	για την θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας(υπό μέσες κλιματικές συνθήκες)
	vedenlämmityksestä vuotuinen sähkönkulutus(keskimääräisissä ilmasto-olosuhteissa)	pro ohřev vody – roční spotřeba elektrické energie za průměrných klimatických podmínek	за подгряване на вода, годишното потребление(при средни климатични условия)	w odniesieniu do podgrzewania wody, roczne zużycie energii elektrycznej(w warunkach klimatu umiarkowanego)	-
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)	l'efficienza energetica stagionale di riscaldamento d'ambiente(in condizioni climatiche medie)	la eficiencia energética estacional de calefacción(en condiciones climáticas medias)
	de seizoensgebonden energie-efficiëntie voor ruimteverwarming(onder gemiddelde klimaatomstandigheden)	Säsongsmedelverkningsgrad för rumsuppvärmning(vid genomsnittliga klimatförhållanden)	årsvirkningsgraden ved rumopvarmning(under gennemsnitlige klimaforhold)	A eficiência energética do aquecimento ambiente sazonal(em condições climáticas médias)	η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου(υπό μέσες κλιματικές συνθήκες)
	tilalämmityksen kausittainen energiatehokkuus(keskimääräisissä ilmasto-olosuhteissa)	sezonní energetická účinnost vytápění za průměrných klimatických podmínek	сезонната енергийна ефективност при отопление(при средни климатични условия)	sezonowa efektywność energetyczna ogrzewania pomieszczeń(w warunkach klimatu umiarkowanego)	-
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)	l'efficienza energetica di riscaldamento dell'acqua(in condizioni climatiche medie)	la eficiencia energética del caldeo de agua(en condiciones climáticas medias)
	de energie-efficiëntie voor waterverwarming(onder gemiddelde klimaatomstandigheden)	Energieffektivitet vid vattenuppvärmning(vid genomsnittliga klimatförhållanden)	energieffektiviteten ved vandopvarmning(under gennemsnitlige klimaforhold)	a eficiência energética do aquecimento de água(em condições climáticas médias)	η ενεργειακή απόδοση θέρμανσης νερού(υπό μέσες κλιματικές συνθήκες)
	vedenlämmityksen energiatehokkuus(keskimääräisissä ilmasto-olosuhteissa)	energetická účinnost ohřevu vody za průměrných klimatických podmínek	енергийната ефективност при подгряване на вода(при средни климатични условия)	efektywność energetyczna podgrzewania wody(w warunkach klimatu umiarkowanego)	-
13	Sound power level L_{WA} indoor	der Schallleistungspegel L_{WA}, in Gebäuden	le niveau de puissance acoustique L_{WA} , à l'intérieur	il livello di potenza sonora L_{WA} all'interno	el nivel de potencia acústica L_{WA} en interiores
	het geluidsvermogensniveau L_{WA} binnen	Ljudeffektnivå L_{WA} i inomhus	lydeffektniveauet L_{WA} i inde	O nível de potência sonora L_{WA} no interior	η στάθμη ηχητικής ισχύος L_{WA} εσωτερικού χώρου
	äänitehotaso L_{WA} sisällä	hladina akustického výkonu L_{WA} ve vnitřním prostoru	нивото на звуковата мощност L_{WA} на закрито	poziom mocy akustycznej L_{WA} w pomieszczeniu	-
14	Work only during off-peak hours	dass ein ausschließlicher Betrieb des Kombiheizgerätes zu Schwachlastzeiten	fonctionner qu'en heures creuses	funzione soltanto durante le ore morte	funcionar solamente durante las horas de baja demanda
	werken uitsluitend in de daluren	drivas uteslutande under perioder med låg belastning	fungere uden for spidsbelastningsperioder	de funcionar unicamente fora das horas de pico	λειτουργία μόνο εκτός των ωρών αιχμής
	toimimaan ainoastaan kulutushuippujen ulkopuolella	provozu pouze mimo špičku	работи само в часовете извън върховото натоварване	pracować jedynie w godzinach poza szczytowym obciążeniem	-
15	Rated heat output under colder climate conditions	die Wärmenennleistung bei kälteren Klimaverhältnissen	la puissance thermique nominale, dans les conditions climatiques plus froides	la potenza termica nominale, in condizioni climatiche più fredde	la potencia calorífica nominal en condiciones climáticas más frías
	de nominale warmteafgifte, onder koudere klimaatomstandigheden	Nominell avgiven värmeeffekt vid kallare klimatförhållanden	den nominelle nytteeffekt under koldere klimaforhold	A potência calorífica nominal em condições climáticas mais frias	η ονομαστική θερμική ισχύς υπό ψυχρότερες κλιματικές συνθήκες
	nimellislämpöteho, kylmissä ilmasto-olosuhteissa	jmenovitý tepelný výkon za chladnějších klimatických podmínek	номиналната топлинна мощност при по-студени климатични условия	znamionowa moc cieplna w warunkach klimatu chłodnego	-
16	Rated heat output under warmer climate conditions	die Wärmenennleistung bei wärmeren Klimaverhältnissen	la puissance thermique nominale, dans les conditions climatiques plus chaudes	la potenza termica nominale, in condizioni climatiche più calde	la potencia calorífica nominal en condiciones climáticas más cálidas
	de nominale warmteafgifte, onder warmere klimaatomstandigheden	Nominell avgiven värmeeffekt vid varmare klimatförhållanden	den nominelle nytteeffekt under varmere klimaforhold	A potência calorífica nominal em condições climáticas mais quentes	η ονομαστική θερμική ισχύς υπό θερμότερες κλιματικές συνθήκες
	nimellislämpöteho, lämpimissä ilmasto-olosuhteissa	jmenovitý tepelný výkon za teplejších klimatických podmínek	номиналната топлинна мощност при по-топли климатични условия	znamionowa moc cieplna w warunkach klimatu ciepłego	-
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	per il riscaldamento d'ambiente, il consumo annuo di energia, in condizioni climatiche più fredde	para calentar espacios, el consumo anual de energía en condiciones climáticas más frías
	voor ruimteverwarming, het jaarlijkse energieverbruik onder koudere klimaatomstandigheden	För rumsuppvärmning, årlig energiförbrukning under kallare klimatförhållanden	for rumopvarmning det årlige energiforbrug under koldere klimaforhold	Para o aquecimento ambiente, o consumo anual de energia em condições climáticas mais frias	για θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας υπό ψυχρότερες κλιματικές συνθήκες
	tilalämmityksestä vuotuinen energiankulutus kylmissä ilmasto-olosuhteissa	pro vytápění – roční spotřeba energie za chladnější klimatických podmínek	за отопление, годишното потребление на енергия при по-студени климатични условия	w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii w warunkach klimatu chłodnego	-
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	per il riscaldamento d'ambiente, il consumo annuo di energia, in condizioni climatiche più calde	para calentar espacios, el consumo anual de energía en condiciones climáticas más cálidas
	voor ruimteverwarming, het jaarlijkse energieverbruik onder warmere klimaatomstandigheden	För rumsuppvärmning, årlig energiförbrukning under varmare klimatförhållanden	for rumopvarmning det årlige energiforbrug under varmere klimaforhold	Para o aquecimento ambiente, o consumo anual de energia em condições climáticas mais quentes	για θέρμανση χώρου, η ετήσια κατανάλωση ενέργειας υπό θερμότερες κλιματικές συνθήκες
	tilalämmityksestä vuotuinen energiankulutus lämpimissä ilmasto-olosuhteissa	pro vytápění – roční spotřeba energie za teplejších klimatických podmínek	за отопление, годишното потребление на енергия при по-топли климатични условия	w odniesieniu do ogrzewania pomieszczeń, roczne zużycie energii w warunkach klimatu ciepłego	-
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	per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più fredde	para calentar agua, el consumo anual de electricidad en condiciones climáticas más frías
	voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder koudere klimaatomstandigheden	För vattenuppvärmning, årlig elförbrukning under kallare klimatförhållanden	for vandopvarmning det årlige elforbrug under koldere klimaforhold	para o aquecimento de água, o consumo anual de eletricidade em condições climáticas mais frias	για θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας υπό ψυχρότερες κλιματικές συνθήκες
	vedenlämmityksestä vuotuinen sähkönkulutus kylmissä ilmasto-olosuhteissa	pro ohřev vody – roční spotřeba elektrické energie za chladnější klimatických podmínek	за подгряване на вода, годишното потребление на електроенергия при по-студени климатични условия	w odniesieniu do podgrzewania wody, roczne zużycie energii elektrycznej w warunkach klimatu chłodnego	-
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	per il riscaldamento dell'acqua, il consumo annuo di energia, in condizioni climatiche più calde	para calentar agua, el consumo anual de electricidad en condiciones climáticas más cálidas
	voor waterverwarming, het jaarlijkse elektriciteitsverbruik onder warmere klimaatomstandigheden	För vattenuppvärmning, årlig elförbrukning under varmare klimatförhållanden	for vandopvarmning det årlige elforbrug under varmere klimaforhold	para o aquecimento de água, o consumo anual de eletricidade em condições climáticas mais quentes	για θέρμανση νερού, η ετήσια κατανάλωση ηλεκτρικής ενέργειας υπό θερμότερες κλιματικές συνθήκες
	vedenlämmityksestä vuotuinen sähkönkulutus lämpimissä ilmasto-olosuhteissa	pro ohřev vody – roční spotřeba elektrické energie za teplejších klimatických podmínek	за подгряване на вода, годишното потребление на електроенергия при по-топли климатични условия	w odniesieniu do podgrzewania wody, roczne zużycie energii elektrycznej w warunkach klimatu ciepłego	-
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	l'efficienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più fredde	la eficiencia energética estacional de calefacción en condiciones climáticas más frías
	de seizoensgebonden energie-efficiëntie voor ruimteverwarming onder koudere klimaatomstandigheden	Säsongsmedelverkningsgrad för rumsuppvärmning under kallare klimatförhållanden	årsvirkningsgraden ved rumopvarmning under koldere klimaforhold	A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais frias	η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου υπό ψυχρότερες κλιματικές συνθήκες
	tilalämmityksen kausittainen energiatehokkuus kylmissä ilmasto-olosuhteissa	sezonní energetická účinnost vytápění za chladnějších klimatických podmínek	сезонната енергийна ефективност при отопление при по-студени климатични условия	sezonowa efektywność energetyczna ogrzewania pomieszczeń w warunkach klimatu chłodnego	-
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	l'efficienza energetica stagionale di riscaldamento d'ambiente in condizioni climatiche più calde	la eficiencia energética estacional de calefacción en condiciones climáticas más cálidas
	de seizoensgebonden energie-efficiëntie voor ruimteverwarming onder warmere klimaatomstandigheden	Säsongsmedelverkningsgrad för rumsuppvärmning under varmare klimatförhållanden	årsvirkningsgraden ved rumopvarmning under varmere klimaforhold	A eficiência energética do aquecimento ambiente sazonal em condições climáticas mais quentes	η ενεργειακή απόδοση της εποχιακής θέρμανσης χώρου υπό θερμότερες κλιματικές συνθήκες
	tilalämmityksen kausittainen energiatehokkuus lämpimissä ilmasto-olosuhteissa	sezonní energetická účinnost vytápění za teplejších klimatických podmínek	сезонната енергийна ефективност при отопление при по-топли климатични условия	sezonowa efektywność energetyczna ogrzewania pomieszczeń w warunkach klimatu ciepłego	-
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	l'efficienza energetica di riscaldamento dell'acqua in condizioni climatiche più fredde	la eficiencia energética de caldeo de agua en condiciones climáticas más frías
	de energie-efficiëntie voor waterverwarming onder koudere klimaatomstandigheden	Energieffektivitet vid vattenuppvärmning under kallare klimatförhållanden	energieffektiviteten ved vandopvarmning under koldere klimaforhold	a eficiência energética do aquecimento de água em condições climáticas mais frias	η ενεργειακή απόδοση της θέρμανσης νερού υπό ψυχρότερες κλιματικές συνθήκες
	vedenlämmityksen energiatehokkuus kylmissä ilmasto-olosuhteissa	energetická účinnost ohřevu vody za chladnějších klimatických podmínek	енергийната ефективност при подгряване на вода при по-студени климатични условия	efektywność energetyczna podgrzewania wody w warunkach klimatu chłodnego	-
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	l'efficienza energetica di riscaldamento dell'acqua in condizioni climatiche più calde	la eficiencia energética de caldeo de agua en condiciones climáticas más cálidas
	de energie-efficiëntie voor waterverwarming onder warmere klimaatomstandigheden	Energieffektivitet vid vattenuppvärmning under varmare klimatförhållanden	energieffektiviteten ved vandopvarmning under varmere klimaforhold	a eficiência energética do aquecimento de água em condições climáticas mais quentes	η ενεργειακή απόδοση της θέρμανσης νερού υπό θερμότερες κλιματικές συνθήκες
	vedenlämmityksen energiatehokkuus lämpimissä ilmasto-olosuhteissa	energetická účinnost ohřevu vody za teplejších klimatických podmínek	енергийната ефективност при подгряване на вода при по-топли климатични условия	efektywność energetyczna podgrzewania wody w warunkach klimatu ciepłego	-
25	Sound power level L_{WA} outdoor	der Schallleistungspegel L_{WA} im Freien	le niveau de puissance acoustique L_{WA} à l'extérieur	il livello di potenza sonora L_{WA} all'esterno	el nivel de potencia acústica L_{WA} en exteriores
	het geluidsvermogensniveau L_{WA} buiten	Ljudeffektnivån L_{WA} i utomhus	lydeffektniveau L_{WA} i ude	O nível de potência sonora L_{WA} no exterior	η στάθμη ηχητικής ισχύος L_{WA} εξωτερικού χώρου
	äänitehotaso L_{WA} ulkona	hladina akustického výkonu L_{WA} ve venkovním prostoru	нивото на звуковата мощност L_{WA} на открито	poziom mocy akustycznej L_{WA} na zewnątrz	-

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SHWM40VAH(-SC)
	Indoor unit:	ERSD-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.6	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j			
Tj = - 7 °C	Pdh	4.1	kW
Degradation co-efficient (**)	Cdh	0.99	-
Tj = + 2 °C	Pdh	2.8	kW
Degradation co-efficient (**)	Cdh	0.98	-
Tj = + 7 °C	Pdh	2.6	kW
Degradation co-efficient (**)	Cdh	0.97	-
Tj = +12 °C	Pdh	3.0	kW
Degradation co-efficient (**)	Cdh	0.96	-
Tj = bivalent temperature	Pdh	4.6	kW
Tj = operation limit temperature (***)	Pdh	4.6	kW
Bivalent temperature	Tbiv	-10	°C
Reference design conditions for space heating	Tdesignh	-10	°C
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.015	kW
Thermostat-off mode	P_{TO}	0.015	kW
Standby mode	P_{SB}	0.015	kW
Crankcase heater mode	P_{CK}	0.000	kW
Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L_{WA}	41 / 58	dBA
Annual energy consumption	Q_{HE}	2939	kWh
For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Qelec	-	kWh
Annual electricity consumption	AEC	-	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	126	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	COPd	2.14	-
Tj = + 2 °C	COPd	2.91	-
Tj = + 7 °C	COPd	4.62	-
Tj = +12 °C	COPd	7.16	-
Tj = bivalent temperature	COPd	1.66	-
Tj = operation limit temperature (***)	COPd	1.66	-
Operation limit temperature	TOL	-25	°C
Heating water operating limit temperature	WTOL	60	°C
Supplementary heater			
Rated heat output (*)	Psup	0.0	kW
Type of energy input		Electrical	
Rated air flow rate, outdoors	-	1810	m^3/h
Water heating energy efficiency	ηwh	-	%

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 Assuarance Department
THAILAND

・ 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.

This information is based on EU regulation No 811/2013 and No 813/2013.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SHWM40VAH(-SC)
	Indoor unit:	ERSD-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	5.0	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j			
Tj = - 7 °C	Pdh	4.5	kW
Degradation co-efficient (**)	Cdh	0.99	-
Tj = + 2 °C	Pdh	3.2	kW
Degradation co-efficient (**)	Cdh	0.98	-
Tj = + 7 °C	Pdh	3.0	kW
Degradation co-efficient (**)	Cdh	0.97	-
Tj = +12 °C	Pdh	3.4	kW
Degradation co-efficient (**)	Cdh	0.95	-
Tj = bivalent temperature	Pdh	5.0	kW
Tj = operation limit temperature (***)	Pdh	5.0	kW
Bivalent temperature	Tbiv	-10	°C
Reference design conditions for space heating	Tdesignh	-10	°C
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.015	kW
Thermostat-off mode	P_{TO}	0.015	kW
Standby mode	P_{SB}	0.015	kW
Crankcase heater mode	P_{CK}	0.000	kW
Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L_{WA}	41 / 58	dBA
Annual energy consumption	Q_{HE}	2311	kWh
For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Qelec	-	kWh
Annual electricity consumption	AEC	-	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	176	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	COPd	2.57	-
Tj = + 2 °C	COPd	4.29	-
Tj = + 7 °C	COPd	6.19	-
Tj = +12 °C	COPd	10.44	-
Tj = bivalent temperature	COPd	2.37	-
Tj = operation limit temperature (***)	COPd	2.37	-
Operation limit temperature	TOL	-25	°C
Heating water operating limit temperature	WTOL	60	°C
Supplementary heater			
Rated heat output (*)	Psup	0.0	kW
Type of energy input		Electrical	
Rated air flow rate, outdoors	-	1810	m^3/h
Water heating energy efficiency	ηwh	-	%

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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.

This information is based on EU regulation No 811/2013 and No 813/2013.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SHWM40VAH(-SC)
	Indoor unit:	ERSD-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	5.0	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j			
Tj = - 7 °C	Pdh	3.2	kW
Degradation co-efficient (**)	Cdh	0.99	-
Tj = + 2 °C	Pdh	2.8	kW
Degradation co-efficient (**)	Cdh	0.98	-
Tj = + 7 °C	Pdh	3.0	kW
Degradation co-efficient (**)	Cdh	0.98	-
Tj = +12 °C	Pdh	3.3	kW
Degradation co-efficient (**)	Cdh	0.96	-
Tj = bivalent temperature	Pdh	4.1	kW
Tj = operation limit temperature (***)	Pdh	3.7	kW
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	4.1	kW
Bivalent temperature	Tbiv	-15	°C
Reference design conditions for space heating	Tdesignh	-22	°C
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.015	kW
Thermostat-off mode	P_{TO}	0.015	kW
Standby mode	P_{SB}	0.015	kW
Crankcase heater mode	P_{CK}	0.000	kW
Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L_{WA}	41 / 58	dBA
Annual energy consumption	Q_{HE}	4678	kWh
For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Qelec	-	kWh
Annual electricity consumption	AEC	-	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	102	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	COPd	2.26	-
Tj = + 2 °C	COPd	3.16	-
Tj = + 7 °C	COPd	4.76	-
Tj = +12 °C	COPd	9.81	-
Tj = bivalent temperature	COPd	1.31	-
Tj = operation limit temperature (***)	COPd	1.25	-
Tj = – 15 °C (if TOL < – 20 °C)	COPd	1.31	-
Operation limit temperature	TOL	-25	°C
Heating water operating limit temperature	WTOL	60	°C
Supplementary heater			
Rated heat output (*)	Psup	5.0	kW
Type of energy input		Electrical	
Rated air flow rate, outdoors	-	1810	m^3/h
Water heating energy efficiency	ηwh	-	%

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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.

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PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SHWM40VAH(-SC)
	Indoor unit:	ERSD-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	5.0	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j			
Tj = - 7 °C	Pdh	3.1	kW
Degradation co-efficient (**)	Cdh	0.98	-
Tj = + 2 °C	Pdh	2.8	kW
Degradation co-efficient (**)	Cdh	0.98	-
Tj = + 7 °C	Pdh	3.1	kW
Degradation co-efficient (**)	Cdh	0.97	-
Tj = +12 °C	Pdh	3.0	kW
Degradation co-efficient (**)	Cdh	0.95	-
Tj = bivalent temperature	Pdh	4.1	kW
Tj = operation limit temperature (***)	Pdh	4.2	kW
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	4.1	kW
Bivalent temperature	Tbiv	-15	°C
Reference design conditions for space heating	Tdesignh	-22	°C
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.015	kW
Thermostat-off mode	P_{TO}	0.015	kW
Standby mode	P_{SB}	0.015	kW
Crankcase heater mode	P_{CK}	0.000	kW
Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L_{WA}	41 / 58	dBA
Annual energy consumption	Q_{HE}	3295	kWh
For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Qelec	-	kWh
Annual electricity consumption	AEC	-	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	147	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	COPd	3.27	-
Tj = + 2 °C	COPd	4.52	-
Tj = + 7 °C	COPd	6.38	-
Tj = +12 °C	COPd	9.73	-
Tj = bivalent temperature	COPd	1.86	-
Tj = operation limit temperature (***)	COPd	1.80	-
Tj = – 15 °C (if TOL < – 20 °C)	COPd	1.86	-
Operation limit temperature	TOL	-25	°C
Heating water operating limit temperature	WTOL	60	°C
Supplementary heater			
Rated heat output (*)	Psup	0.8	kW
Type of energy input		Electrical	
Rated air flow rate, outdoors	-	1810	m^3/h
Water heating energy efficiency	ηwh	-	%

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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.

This information is based on EU regulation No 811/2013 and No 813/2013.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SHWM40VAH(-SC)
	Indoor unit:	ERSD-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		medium-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.0	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j			
Tj = - 7 °C	Pdh	-	kW
Degradation co-efficient (**)	Cdh	-	-
Tj = + 2 °C	Pdh	4.0	kW
Degradation co-efficient (**)	Cdh	0.99	-
Tj = + 7 °C	Pdh	3.3	kW
Degradation co-efficient (**)	Cdh	0.98	-
Tj = +12 °C	Pdh	2.9	kW
Degradation co-efficient (**)	Cdh	0.97	-
Tj = bivalent temperature	Pdh	4.0	kW
Tj = operation limit temperature (***)	Pdh	4.0	kW
Bivalent temperature	Tbiv	2	°C
Reference design conditions for space heating	Tdesignh	2	°C
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.015	kW
Thermostat-off mode	P_{TO}	0.015	kW
Standby mode	P_{SB}	0.015	kW
Crankcase heater mode	P_{CK}	0.000	kW
Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L_{WA}	41 / 58	dBA
Annual energy consumption	Q_{HE}	1239	kWh
For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Qelec	-	kWh
Annual electricity consumption	AEC	-	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	170	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	COPd	-	-
Tj = + 2 °C	COPd	2.26	-
Tj = + 7 °C	COPd	3.50	-
Tj = +12 °C	COPd	6.22	-
Tj = bivalent temperature	COPd	2.26	-
Tj = operation limit temperature (***)	COPd	2.26	-
Operation limit temperature	TOL	-25	°C
Heating water operating limit temperature	WTOL	60	°C
Supplementary heater			
Rated heat output (*)	Psup	0.0	kW
Type of energy input		Electrical	
Rated air flow rate, outdoors	-	1810	m^3/h
Water heating energy efficiency	ηwh	-	%

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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.

This information is based on EU regulation No 811/2013 and No 813/2013.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SHWM40VAH(-SC)
	Indoor unit:	ERSD-****D
Air-to-water heat pump:		yes
Water-to-water heat pump:		no
Brine-to-water heat pump:		no
Low-temperature heat pump:		no
Equipped with a supplementary heater:		yes
Heat pump combination heater:		no
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.0	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j			
Tj = - 7 °C	Pdh	-	kW
Degradation co-efficient (**)	Cdh	-	-
Tj = + 2 °C	Pdh	4.0	kW
Degradation co-efficient (**)	Cdh	0.99	-
Tj = + 7 °C	Pdh	3.4	kW
Degradation co-efficient (**)	Cdh	0.98	-
Tj = +12 °C	Pdh	3.3	kW
Degradation co-efficient (**)	Cdh	0.96	-
Tj = bivalent temperature	Pdh	4.0	kW
Tj = operation limit temperature (***)	Pdh	4.0	kW
Bivalent temperature	Tbiv	2	°C
Reference design conditions for space heating	Tdesignh	2	°C
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.015	kW
Thermostat-off mode	P_{TO}	0.015	kW
Standby mode	P_{SB}	0.015	kW
Crankcase heater mode	P_{CK}	0.000	kW
Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L_{WA}	41 / 58	dBA
Annual energy consumption	Q_{HE}	806	kWh
For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Qelec	-	kWh
Annual electricity consumption	AEC	-	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	262	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	COPd	-	-
Tj = + 2 °C	COPd	3.58	-
Tj = + 7 °C	COPd	5.49	-
Tj = +12 °C	COPd	9.75	-
Tj = bivalent temperature	COPd	3.58	-
Tj = operation limit temperature (***)	COPd	3.58	-
Operation limit temperature	TOL	-25	°C
Heating water operating limit temperature	WTOL	60	°C
Supplementary heater			
Rated heat output (*)	Psup	0.0	kW
Type of energy input		Electrical	
Rated air flow rate, outdoors	-	1810	m^3/h
Water heating energy efficiency	ηwh	-	%

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;

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

Tadashi SAITO
Manager, Quality Assuarance Department
THAILAND

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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.

This information is based on EU regulation No 811/2013 and No 813/2013.

PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SHWM40VAH(-SC)
	Indoor unit:	ERSD-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:		no
Parameters for		medium-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.6	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j			
Tj = - 7 °C	Pdh	4.1	kW
Degradation co-efficient (**)	Cdh	0.99	-
Tj = + 2 °C	Pdh	2.8	kW
Degradation co-efficient (**)	Cdh	0.98	-
Tj = + 7 °C	Pdh	2.6	kW
Degradation co-efficient (**)	Cdh	0.97	-
Tj = +12 °C	Pdh	3.0	kW
Degradation co-efficient (**)	Cdh	0.96	-
Tj = bivalent temperature	Pdh	4.6	kW
Tj = operation limit temperature (***)	Pdh	4.6	kW
Bivalent temperature	Tbiv	-10	°C
Reference design conditions for space heating	Tdesignh	-10	°C
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.015	kW
Thermostat-off mode	P_{TO}	0.015	kW
Standby mode	P_{SB}	0.015	kW
Crankcase heater mode	P_{CK}	0.000	kW
Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L_{WA}	41 / 58	dBA
Annual energy consumption	Q_{HE}	2939	kWh
For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Qelec	-	kWh
Annual electricity consumption	AEC	-	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	126	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	COPd	2.14	-
Tj = + 2 °C	COPd	2.91	-
Tj = + 7 °C	COPd	4.62	-
Tj = +12 °C	COPd	7.16	-
Tj = bivalent temperature	COPd	1.66	-
Tj = operation limit temperature (***)	COPd	1.66	-
Operation limit temperature	TOL	-25	°C
Heating water operating limit temperature	WTOL	60	°C
Supplementary heater			
Rated heat output (*)	Psup	0.0	kW
Type of energy input		Electrical	
Rated air flow rate, outdoors	-	1810	m^3/h
Water heating energy efficiency	ηwh	-	%

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PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SHWM40VAH(-SC)
	Indoor unit:	ERSD-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:		no
Parameters for		low-temperature application.
Parameters for		average climate conditions.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	5.0	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j			
Tj = - 7 °C	Pdh	4.5	kW
Degradation co-efficient (**)	Cdh	0.99	-
Tj = + 2 °C	Pdh	3.2	kW
Degradation co-efficient (**)	Cdh	0.98	-
Tj = + 7 °C	Pdh	3.0	kW
Degradation co-efficient (**)	Cdh	0.97	-
Tj = +12 °C	Pdh	3.4	kW
Degradation co-efficient (**)	Cdh	0.95	-
Tj = bivalent temperature	Pdh	5.0	kW
Tj = operation limit temperature (***)	Pdh	5.0	kW
Bivalent temperature	Tbiv	-10	°C
Reference design conditions for space heating	Tdesignh	-10	°C
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.015	kW
Thermostat-off mode	P_{TO}	0.015	kW
Standby mode	P_{SB}	0.015	kW
Crankcase heater mode	P_{CK}	0.000	kW
Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L_{WA}	41 / 58	dBA
Annual energy consumption	Q_{HE}	2311	kWh
For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Qelec	-	kWh
Annual electricity consumption	AEC	-	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	176	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	COPd	2.57	-
Tj = + 2 °C	COPd	4.29	-
Tj = + 7 °C	COPd	6.19	-
Tj = +12 °C	COPd	10.44	-
Tj = bivalent temperature	COPd	2.37	-
Tj = operation limit temperature (***)	COPd	2.37	-
Operation limit temperature	TOL	-25	°C
Heating water operating limit temperature	WTOL	60	°C
Supplementary heater			
Rated heat output (*)	Psup	0.0	kW
Type of energy input		Electrical	
Rated air flow rate, outdoors	-	1810	m^3/h
Water heating energy efficiency	ηwh	-	%

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PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SHWM40VAH(-SC)
	Indoor unit:	ERSD-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:		no
Parameters for		medium-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	5.0	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j			
Tj = - 7 °C	Pdh	3.2	kW
Degradation co-efficient (**)	Cdh	0.99	-
Tj = + 2 °C	Pdh	2.8	kW
Degradation co-efficient (**)	Cdh	0.98	-
Tj = + 7 °C	Pdh	3.0	kW
Degradation co-efficient (**)	Cdh	0.98	-
Tj = +12 °C	Pdh	3.3	kW
Degradation co-efficient (**)	Cdh	0.96	-
Tj = bivalent temperature	Pdh	4.1	kW
Tj = operation limit temperature (***)	Pdh	3.7	kW
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	4.1	kW
Bivalent temperature	Tbiv	-15	°C
Reference design conditions for space heating	Tdesignh	-22	°C
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.015	kW
Thermostat-off mode	P_{TO}	0.015	kW
Standby mode	P_{SB}	0.015	kW
Crankcase heater mode	P_{CK}	0.000	kW
Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L_{WA}	41 / 58	dBA
Annual energy consumption	Q_{HE}	4678	kWh
For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Qelec	-	kWh
Annual electricity consumption	AEC	-	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	102	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	COPd	2.26	-
Tj = + 2 °C	COPd	3.16	-
Tj = + 7 °C	COPd	4.76	-
Tj = +12 °C	COPd	9.81	-
Tj = bivalent temperature	COPd	1.31	-
Tj = operation limit temperature (***)	COPd	1.25	-
Tj = – 15 °C (if TOL < – 20 °C)	COPd	1.31	-
Operation limit temperature	TOL	-25	°C
Heating water operating limit temperature	WTOL	60	°C
Supplementary heater			
Rated heat output (*)	Psup	5.0	kW
Type of energy input		Electrical	
Rated air flow rate, outdoors	-	1810	m^3/h
Water heating energy efficiency	ηwh	-	%

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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.

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PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SHWM40VAH(-SC)
	Indoor unit:	ERSD-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:		no
Parameters for		low-temperature application.
Parameters for		colder climate conditions.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	5.0	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j			
Tj = - 7 °C	Pdh	3.1	kW
Degradation co-efficient (**)	Cdh	0.98	-
Tj = + 2 °C	Pdh	2.8	kW
Degradation co-efficient (**)	Cdh	0.98	-
Tj = + 7 °C	Pdh	3.1	kW
Degradation co-efficient (**)	Cdh	0.97	-
Tj = +12 °C	Pdh	3.0	kW
Degradation co-efficient (**)	Cdh	0.95	-
Tj = bivalent temperature	Pdh	4.1	kW
Tj = operation limit temperature (***)	Pdh	4.2	kW
Tj = – 15 °C (if TOL < – 20 °C)	Pdh	4.1	kW
Bivalent temperature	Tbiv	-15	°C
Reference design conditions for space heating	Tdesignh	-22	°C
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.015	kW
Thermostat-off mode	P_{TO}	0.015	kW
Standby mode	P_{SB}	0.015	kW
Crankcase heater mode	P_{CK}	0.000	kW
Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L_{WA}	41 / 58	dBA
Annual energy consumption	Q_{HE}	3295	kWh
For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Qelec	-	kWh
Annual electricity consumption	AEC	-	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	147	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	COPd	3.27	-
Tj = + 2 °C	COPd	4.52	-
Tj = + 7 °C	COPd	6.38	-
Tj = +12 °C	COPd	9.73	-
Tj = bivalent temperature	COPd	1.86	-
Tj = operation limit temperature (***)	COPd	1.80	-
Tj = – 15 °C (if TOL < – 20 °C)	COPd	1.86	-
Operation limit temperature	TOL	-25	°C
Heating water operating limit temperature	WTOL	60	°C
Supplementary heater			
Rated heat output (*)	Psup	0.8	kW
Type of energy input		Electrical	
Rated air flow rate, outdoors	-	1810	m^3/h
Water heating energy efficiency	ηwh	-	%

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

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PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SHWM40VAH(-SC)
	Indoor unit:	ERSD-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:		no
Parameters for		medium-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.0	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j			
Tj = - 7 °C	Pdh	-	kW
Degradation co-efficient (**)	Cdh	-	-
Tj = + 2 °C	Pdh	4.0	kW
Degradation co-efficient (**)	Cdh	0.99	-
Tj = + 7 °C	Pdh	3.3	kW
Degradation co-efficient (**)	Cdh	0.98	-
Tj = +12 °C	Pdh	2.9	kW
Degradation co-efficient (**)	Cdh	0.97	-
Tj = bivalent temperature	Pdh	4.0	kW
Tj = operation limit temperature (***)	Pdh	4.0	kW
Bivalent temperature	Tbiv	2	°C
Reference design conditions for space heating	Tdesignh	2	°C
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.015	kW
Thermostat-off mode	P_{TO}	0.015	kW
Standby mode	P_{SB}	0.015	kW
Crankcase heater mode	P_{CK}	0.000	kW
Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L_{WA}	41 / 58	dBA
Annual energy consumption	Q_{HE}	1239	kWh
For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Qelec	-	kWh
Annual electricity consumption	AEC	-	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	170	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	COPd	-	-
Tj = + 2 °C	COPd	2.26	-
Tj = + 7 °C	COPd	3.50	-
Tj = +12 °C	COPd	6.22	-
Tj = bivalent temperature	COPd	2.26	-
Tj = operation limit temperature (***)	COPd	2.26	-
Operation limit temperature	TOL	-25	°C
Heating water operating limit temperature	WTOL	60	°C
Supplementary heater			
Rated heat output (*)	Psup	0.0	kW
Type of energy input		Electrical	
Rated air flow rate, outdoors	-	1810	m^3/h
Water heating energy efficiency	ηwh	-	%

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PRODUCT INFORMATION / TECHNICAL DOCUMENTATION

Model(s):	Outdoor unit:	SUZ-SHWM40VAH(-SC)
	Indoor unit:	ERSD-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:		no
Parameters for		low-temperature application.
Parameters for		warmer climate conditions.

Item	Symbol	Value	Unit
Rated heat output (*)	Prated	4.0	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j			
Tj = - 7 °C	Pdh	-	kW
Degradation co-efficient (**)	Cdh	-	-
Tj = + 2 °C	Pdh	4.0	kW
Degradation co-efficient (**)	Cdh	0.99	-
Tj = + 7 °C	Pdh	3.4	kW
Degradation co-efficient (**)	Cdh	0.98	-
Tj = +12 °C	Pdh	3.3	kW
Degradation co-efficient (**)	Cdh	0.96	-
Tj = bivalent temperature	Pdh	4.0	kW
Tj = operation limit temperature (***)	Pdh	4.0	kW
Bivalent temperature	Tbiv	2	°C
Reference design conditions for space heating	Tdesignh	2	°C
Power consumption in modes other than active mode			
Off mode	P_{OFF}	0.015	kW
Thermostat-off mode	P_{TO}	0.015	kW
Standby mode	P_{SB}	0.015	kW
Crankcase heater mode	P_{CK}	0.000	kW
Other items			
Capacity control		variable	
Sound power level, indoors/outdoors	L_{WA}	41 / 58	dBA
Annual energy consumption	Q_{HE}	806	kWh
For heat pump combination heater:			
Declared load profile		-	
Daily electricity consumption	Qelec	-	kWh
Annual electricity consumption	AEC	-	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	262	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7 °C	COPd	-	-
Tj = + 2 °C	COPd	3.58	-
Tj = + 7 °C	COPd	5.49	-
Tj = +12 °C	COPd	9.75	-
Tj = bivalent temperature	COPd	3.58	-
Tj = operation limit temperature (***)	COPd	3.58	-
Operation limit temperature	TOL	-25	°C
Heating water operating limit temperature	WTOL	60	°C
Supplementary heater			
Rated heat output (*)	Psup	0.0	kW
Type of energy input		Electrical	
Rated air flow rate, outdoors	-	1810	m^3/h
Water heating energy efficiency	ηwh	-	%

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

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・ 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.

This information is based on EU regulation No 811/2013 and No 813/2013.