Subtype Ecodan Eco Inverter 4/6H+300D	
Certificate Holder	Mitsubishi Electric Air Conditioning Systems Europe LTD
Address	Nettlehill Road, Houston Industrial Estate
ZIP	EH54 5EQ
City	Livingston
Country	GB
Certification Body	SZU - Strojirensky zkusebni ustav (Engineering Test Institute, Public Enterprise)
Subtype title	Ecodan Eco Inverter 4/6H+300D
Registration number	037-0093-22
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	0.8 kg
Certification Date	02.11.2022
Testing basis	HP Keymark scheme rules rev. no. 11
Testing laboratory	SZU Brno, CZ

Model SUZ-SHWM40VAH + EHST30D-M*D	
Model name	SUZ-SHWM40VAH + EHST30D-M*D
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Heat Source	Outdoor Air
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water EN 16147 | Average Climate	
Declared load profile	XL
Efficiency ηDHW	128 %
COP	3.11
Heating up time	4:08 h:min
Standby power input	32 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	417 l

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	3 kW	3.6 kW
El input	0.63 kW	1.29 kW
COP	4.77	2.79

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	172 %	124 %

Prated	5 kW	4.6 kW
SCOP	4.37	3.17
Tbiv	-10 °C	-10 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	4.5 kW	4.1 kW
COP Tj = -7°C	2.57	2.14
Cdh Tj = -7 °C	0.991	0.992
Pdh Tj = +2°C	3.2 kW	2.8 kW
COP Tj = +2°C	4.29	2.91
Cdh Tj = +2 °C	0.98	0.984
Pdh Tj = +7°C	3 kW	2.6 kW
COP Tj = +7°C	6.19	4.62
Cdh Tj = +7 °C	0.969	0.973
Pdh Tj = 12°C	3.4 kW	3 kW
COP Tj = 12°C	10.44	7.16
Cdh Tj = +12 °C	0.954	0.964
Pdh Tj = Tbiv	5 kW	4.6 kW
COP Tj = Tbiv	2.37	1.66
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5 kW	4.6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.37	1.66
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.995
WTOL	60 °C	60 °C
Poff	15 W	15 W
PTO	15 W	15 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	2366 kWh	2994 kWh

Model SUZ-SHWM40VAH + EHST30D-*M*D	
Model name	SUZ-SHWM40VAH + EHST30D-*M*D
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Heat Source	Outdoor Air
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water EN 16147 | Average Climate	
Declared load profile	XL
Efficiency ηDHW	128 %
COP	3.11
Heating up time	4:08 h:min
Standby power input	32 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	417 l

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	3 kW	3.6 kW
El input	0.63 kW	1.29 kW
COP	4.77	2.79

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	172 %	124 %

Prated	5 kW	4.6 kW
SCOP	4.37	3.17
Tbiv	-10 °C	-10 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	4.5 kW	4.1 kW
COP Tj = -7°C	2.57	2.14
Cdh Tj = -7 °C	0.991	0.992
Pdh Tj = +2°C	3.2 kW	2.8 kW
COP Tj = +2°C	4.29	2.91
Cdh Tj = +2 °C	0.98	0.984
Pdh Tj = +7°C	3 kW	2.6 kW
COP Tj = +7°C	6.19	4.62
Cdh Tj = +7 °C	0.969	0.973
Pdh Tj = 12°C	3.4 kW	3 kW
COP Tj = 12°C	10.44	7.16
Cdh Tj = +12 °C	0.954	0.964
Pdh Tj = Tbiv	5 kW	4.6 kW
COP Tj = Tbiv	2.37	1.66
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5 kW	4.6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.37	1.66
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.995
WTOL	60 °C	60 °C
Poff	15 W	15 W
PTO	15 W	15 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	2366 kWh	2994 kWh

Model SUZ-SHWM40VAH + ERST30D-*M*D	
Model name	SUZ-SHWM40VAH + ERST30D-*M*D
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Heat Source	Outdoor Air
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water	
EN 16147 | Average Climate	
Declared load profile	XL
Efficiency ηDHW	128 %
COP	3.11
Heating up time	4:08 h:min
Standby power input	32 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	417 l

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating	Low temperature	Medium temperature
Heat output	3 kW	3.6 kW
El input	0.63 kW	1.29 kW
COP	4.77	2.79

EN 12102-1 | Average Climate	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Average Climate	Low temperature	Medium temperature

ηs	176 %	126 %
Prated	5 kW	4.6 kW
SCOP	4.47	3.23
Tbiv	-10 °C	-10 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	4.5 kW	4.1 kW
COP Tj = -7°C	2.57	2.14
Cdh Tj = -7 °C	0.991	0.992
Pdh Tj = +2°C	3.2 kW	2.8 kW
COP Tj = +2°C	4.29	2.91
Cdh Tj = +2 °C	0.98	0.984
Pdh Tj = +7°C	3 kW	2.6 kW
COP Tj = +7°C	6.19	4.62
Cdh Tj = +7 °C	0.969	0.973
Pdh Tj = 12°C	3.4 kW	3 kW
COP Tj = 12°C	10.44	7.16
Cdh Tj = +12 °C	0.954	0.964
Pdh Tj = Tbiv	5 kW	4.6 kW
COP Tj = Tbiv	2.37	1.66
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5 kW	4.6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.37	1.66
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.995
WTOL	60 °C	60 °C
Poff	15 W	15 W
PTO	15 W	15 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	2311 kWh	2939 kWh

Model SUZ-SWM60VA2 + EHST30D-M*D	
Model name	SUZ-SWM60VA2 + EHST30D-M*D
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Heat Source	Outdoor Air
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water EN 16147 | Average Climate	
Declared load profile	XL
Efficiency ηDHW	128 %
COP	3.11
Heating up time	4:08 h:min
Standby power input	32 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	417 l

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	5 kW	5 kW
El input	1.03 kW	1.81 kW
COP	4.85	2.77

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	185 %	134 %

Prated	6.1 kW	6 kW
SCOP	4.7	3.43
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	5.4 kW	5.31 kW
COP Tj = -7°C	2.79	1.95
Cdh Tj = -7 °C	0.992	0.994
Pdh Tj = +2°C	3.3 kW	3.3 kW
COP Tj = +2°C	4.73	3.42
Cdh Tj = +2 °C	0.978	0.984
Pdh Tj = +7°C	3.2 kW	2.6 kW
COP Tj = +7°C	6.22	4.72
Cdh Tj = +7 °C	0.971	0.973
Pdh Tj = 12°C	3.2 kW	3.5 kW
COP Tj = 12°C	9.9	6.95
Cdh Tj = +12 °C	0.954	0.97
Pdh Tj = Tbiv	6.1 kW	5.31 kW
COP Tj = Tbiv	2.54	1.95
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.1 kW	5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.54	1.91
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.994	0.994
WTOL	60 °C	60 °C
Poff	15 W	15 W
PTO	15 W	15 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	1 kW
Annual energy consumption Qhe	2681 kWh	3615 kWh

Model SUZ-SWM60VA2 + EHST30D-*M*D	
Model name	SUZ-SWM60VA2 + EHST30D-*M*D
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Heat Source	Outdoor Air
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water	
EN 16147 | Average Climate	
Declared load profile	XL
Efficiency ηDHW	128 %
COP	3.11
Heating up time	4:08 h:min
Standby power input	32 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	417 l

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	5 kW	5 kW
El input	1.03 kW	1.81 kW
COP	4.85	2.77

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	185 %	134 %

Prated	6.1 kW	6 kW
SCOP	4.7	3.43
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	5.4 kW	5.31 kW
COP Tj = -7°C	2.79	1.95
Cdh Tj = -7 °C	0.992	0.994
Pdh Tj = +2°C	3.3 kW	3.3 kW
COP Tj = +2°C	4.73	3.42
Cdh Tj = +2 °C	0.978	0.984
Pdh Tj = +7°C	3.2 kW	2.6 kW
COP Tj = +7°C	6.22	4.72
Cdh Tj = +7 °C	0.971	0.973
Pdh Tj = 12°C	3.2 kW	3.5 kW
COP Tj = 12°C	9.9	6.95
Cdh Tj = +12 °C	0.954	0.97
Pdh Tj = Tbiv	6.1 kW	5.31 kW
COP Tj = Tbiv	2.54	1.95
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.1 kW	5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.54	1.91
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.994	0.994
WTOL	60 °C	60 °C
Poff	15 W	15 W
PTO	15 W	15 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	1 kW
Annual energy consumption Qhe	2681 kWh	3615 kWh

Model SUZ-SWM60VA2 + ERST30D-*M*D	
Model name	SUZ-SWM60VA2 + ERST30D-*M*D
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Heat Source	Outdoor Air
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water	
EN 16147 | Average Climate	
Declared load profile	XL
Efficiency ηDHW	128 %
COP	3.11
Heating up time	4:08 h:min
Standby power input	32 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	417 l

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating	Low temperature	Medium temperature
Heat output	5 kW	5 kW
El input	1.03 kW	1.81 kW
COP	4.85	2.77

EN 12102-1 | Average Climate	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Average Climate	Low temperature	Medium temperature

ηs	189 %	136 %
Prated	6.1 kW	6 kW
SCOP	4.8	3.48
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	5.4 kW	5.31 kW
COP Tj = -7°C	2.79	1.95
Cdh Tj = -7 °C	0.992	0.994
Pdh Tj = +2°C	3.3 kW	3.3 kW
COP Tj = +2°C	4.73	3.42
Cdh Tj = +2 °C	0.978	0.984
Pdh Tj = +7°C	3.2 kW	2.6 kW
COP Tj = +7°C	6.22	4.72
Cdh Tj = +7 °C	0.971	0.973
Pdh Tj = 12°C	3.2 kW	3.5 kW
COP Tj = 12°C	9.9	6.95
Cdh Tj = +12 °C	0.954	0.97
Pdh Tj = Tbiv	6.1 kW	5.31 kW
COP Tj = Tbiv	2.54	1.95
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.1 kW	5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.54	1.91
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.994	0.994
WTOL	60 °C	60 °C
Poff	15 W	15 W
PTO	15 W	15 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	1 kW
Annual energy consumption Qhe	2626 kWh	3560 kWh

Model SUZ-SHWM40VAH + ERST30D-*M*E	
Model name	SUZ-SHWM40VAH + ERST30D-*M*E
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Heat Source	Outdoor Air
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C, +18°C/+23°C
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water EN 16147 | Average Climate	
Declared load profile	XL
Efficiency ηDHW	128 %
COP	3.12
Heating up time	4:14 h:min
Standby power input	37.8 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	417 l

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating	Low temperature	Medium temperature
Heat output	3 kW	3.6 kW
El input	0.63 kW	1.29 kW
COP	4.77	2.79

EN 14511-2 | Cooling	+7°C/+12°C	+18°C/+23°C
El input	1.35 kW	1.19 kW
Cooling capacity	4.5	5.6
EER	3.33	4.7

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	176 %	126 %
Prated	5 kW	4.6 kW
SCOP	4.47	3.23
Tbiv	-10 °C	-10 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	4.5 kW	4.1 kW
COP Tj = -7°C	2.57	2.14
Cdh Tj = -7 °C	0.991	0.992
Pdh Tj = +2°C	3.2 kW	2.8 kW
COP Tj = +2°C	4.29	2.91
Cdh Tj = +2 °C	0.98	0.984
Pdh Tj = +7°C	3 kW	2.6 kW
COP Tj = +7°C	6.19	4.62
Cdh Tj = +7 °C	0.969	0.973
Pdh Tj = 12°C	3.4 kW	3 kW
COP Tj = 12°C	10.44	7.16
Cdh Tj = +12 °C	0.954	0.964
Pdh Tj = Tbiv	5 kW	4.6 kW
COP Tj = Tbiv	2.37	1.66
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5 kW	4.6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.37	1.66
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.995
WTOL	60 °C	60 °C
Poff	15 W	15 W
PTO	15 W	15 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	2311 kWh	2939 kWh

EN 14825 | Cooling

	+7°C/+12°C	+18°C/+23°C
Pdesignc	4.5 kW	5.6 kW
SEER	4.91	6.23
Pdc Tj = 35°C	4.5 kW	5.6 kW
EER Tj = 35°C	3.33	4.7

Cdc Tj = 35 °C	0.989	0.987
Pdc Tj = 30°C	3.32 kW	4.13 kW
EER Tj = 30°C	4.23	5.97
Cdc Tj = 30 °C	0.981	0.978
Pdc Tj = 25°C	2.13 kW	2.8 kW
EER Tj = 25°C	5.41	8.43
Cdc Tj = 25 °C	0.962	0.955
Pdc Tj = 20°C	2.1 kW	1.93 kW
EER Tj = 20°C	7.69	5.73
Cdc Tj = 20 °C	0.945	0.955
Poff	15 W	15 W
PTO	15 W	15 W
PSB	15 W	15 W
PCK	0 W	0 W
Annual energy consumption Qce	550 kWh	539 kWh

Model SUZ-SWM60VA2 + EHST30D-*M*E	
Model name	SUZ-SWM60VA2 + EHST30D-*M*E
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Heat Source	Outdoor Air
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water	
EN 16147 | Average Climate	
Declared load profile	XL
Efficiency ηDHW	128 %
COP	3.12
Heating up time	4:14 h:min
Standby power input	37.8 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	417 l

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	5 kW	5 kW
El input	1.03 kW	1.81 kW
COP	4.85	2.77

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	kW	kW
Cooling capacity		
EER		

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature

Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	185 %	134 %
Prated	6.1 kW	6 kW
SCOP	4.7	3.43
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	5.4 kW	5.31 kW
COP Tj = -7°C	2.79	1.95
Cdh Tj = -7 °C	0.992	0.994
Pdh Tj = +2°C	3.3 kW	3.3 kW
COP Tj = +2°C	4.73	3.42
Cdh Tj = +2 °C	0.978	0.984
Pdh Tj = +7°C	3.2 kW	2.6 kW
COP Tj = +7°C	6.22	4.72
Cdh Tj = +7 °C	0.971	0.973
Pdh Tj = 12°C	3.2 kW	3.5 kW
COP Tj = 12°C	9.9	6.95
Cdh Tj = +12 °C	0.954	0.97
Pdh Tj = Tbiv	6.1 kW	5.31 kW
COP Tj = Tbiv	2.54	1.95
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.1 kW	5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.54	1.91
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.994	0.994
WTOL	60 °C	60 °C
Poff	15 W	15 W
PTO	15 W	15 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	1 kW
Annual energy consumption Qhe	2681 kWh	3615 kWh

EN 14825 | Cooling

	+7°C/+12°C	+18°C/+23°C
Pdesignc	kW	kW
SEER		
Pdc Tj = 35°C	kW	kW
EER Tj = 35°C		
Cdc Tj = 35 °C		

Pdc Tj = 30°C	kW	kW
EER Tj = 30°C		
Cdc Tj = 30 °C		
Pdc Tj = 25°C	kW	kW
EER Tj = 25°C		
Cdc Tj = 25 °C		
Pdc Tj = 20°C	kW	kW
EER Tj = 20°C		
Cdc Tj = 20 °C		
Poff	W	W
PTO	W	W
PSB	W	W
PCK	W	W
Annual energy consumption Qce	kWh	kWh

Model SUZ-SWM60VA2 + ERST30D-*M*E	
Model name	SUZ-SWM60VA2 + ERST30D-*M*E
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Heat Source	Outdoor Air
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C, +18°C/+23°C
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water EN 16147 | Average Climate	
Declared load profile	XL
Efficiency ηDHW	128 %
COP	3.12
Heating up time	4:14 h:min
Standby power input	37.8 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	417 l

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating	Low temperature	Medium temperature
Heat output	5 kW	5 kW
El input	1.03 kW	1.81 kW
COP	4.85	2.77

EN 14511-2 | Cooling	+7°C/+12°C	+18°C/+23°C
El input	1.57 kW	1.29 kW
Cooling capacity	5	6
EER	3.18	4.65

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	56 dB(A)	56 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	189 %	136 %
Prated	6.1 kW	6 kW
SCOP	4.8	3.48
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	5.4 kW	5.31 kW
COP Tj = -7°C	2.79	1.95
Cdh Tj = -7 °C	0.992	0.994
Pdh Tj = +2°C	3.3 kW	3.3 kW
COP Tj = +2°C	4.73	3.42
Cdh Tj = +2 °C	0.978	0.984
Pdh Tj = +7°C	3.2 kW	2.6 kW
COP Tj = +7°C	6.22	4.72
Cdh Tj = +7 °C	0.971	0.973
Pdh Tj = 12°C	3.2 kW	3.5 kW
COP Tj = 12°C	9.9	6.95
Cdh Tj = +12 °C	0.954	0.97
Pdh Tj = Tbiv	6.1 kW	5.31 kW
COP Tj = Tbiv	2.54	1.95
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.1 kW	5 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.54	1.91
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.994	0.994
WTOL	60 °C	60 °C
Poff	15 W	15 W
PTO	15 W	15 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	1 kW
Annual energy consumption Qhe	2626 kWh	3560 kWh

EN 14825 | Cooling

	+7°C/+12°C	+18°C/+23°C
Pdesignc	5 kW	6 kW
SEER	4.93	6.17
Pdc Tj = 35°C	5 kW	6 kW
EER Tj = 35°C	3.18	4.65

Cdc Tj = 35 °C	0.99	0.988
Pdc Tj = 30°C	3.68 kW	4.42 kW
EER Tj = 30°C	4.2	5.94
Cdc Tj = 30 °C	0.983	0.98
Pdc Tj = 25°C	2.37 kW	2.84 kW
EER Tj = 25°C	5.53	8.28
Cdc Tj = 25 °C	0.965	0.956
Pdc Tj = 20°C	2.1 kW	1.93 kW
EER Tj = 20°C	7.5	5.6
Cdc Tj = 20 °C	0.946	0.956
Poff	15 W	15 W
PTO	15 W	15 W
PSB	15 W	15 W
PCK	0 W	0 W
Annual energy consumption Qce	609 kWh	583 kWh