

## Subtype Ecodan Eco Inverter 6/8/10H+200D

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 6/8/10H+200D
Registration number	037-0089-22
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	1.1 kg
Certification Date	02.11.2022
Testing basis	HP Keymark scheme rules rev. no. 11

## Model SUZ-SHWM60VAH + EHST20D-M\*D

Model name	SUZ-SHWM60VAH + EHST20D-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	L
Efficiency $\eta_{DHW}$	144 %
COP	3.5
Heating up time	1:49 h:min
Standby power input	25 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	274 l

## Model SUZ-SHWM60VAH + EHST20D-\*M\*D

Model name	SUZ-SHWM60VAH + EHST20D-*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	L
Efficiency $\eta_{DHW}$	144 %
COP	3.5
Heating up time	1:49 h:min
Standby power input	25 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	274 l

## Model SUZ-SHWM60VAH + ERST20D-\*M\*D

Model name	SUZ-SHWM60VAH + ERST20D-*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	L
Efficiency $\eta_{DHW}$	144 %
COP	3.5
Heating up time	1:49 h:min
Standby power input	25 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	274 l

## Model SUZ-SHWM60VAH + EHSD-M\*D

Model name	SUZ-SHWM60VAH + EHSD-M*D
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	57 dB(A)	57 dB(A)

## EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	175 %	126 %
Prated	6.1 kW	6 kW
SCOP	4.44	3.22
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	5.4 kW	5.31 kW
COP Tj = -7°C	2.78	1.85
Cdh Tj = -7 °C	0.992	0.995
Pdh Tj = +2°C	4.1 kW	3.7 kW
COP Tj = +2°C	4.43	3.13
Cdh Tj = +2 °C	0.984	0.987
Pdh Tj = +7°C	3.4 kW	3.1 kW
COP Tj = +7°C	6.27	4.66
Cdh Tj = +7 °C	0.972	0.977
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	7.11	6.53
Cdh Tj = +12 °C	0.971	0.975
Pdh Tj = Tbiv	6.1 kW	5.31 kW

COP Tj = Tbiv	2.26	1.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.1 kW	5.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.26	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.994	0.996
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	0.2 kW
Annual energy consumption Qhe	2838 kWh	3850 kWh

## Model SUZ-SHWM60VAH + EHSD-\*M\*D

Model name	SUZ-SHWM60VAH + EHSD-*M*D
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	57 dB(A)	57 dB(A)

## EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	175 %	126 %
Prated	6.1 kW	6 kW
SCOP	4.44	3.22
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	5.4 kW	5.31 kW
COP Tj = -7°C	2.78	1.85
Cdh Tj = -7 °C	0.992	0.995
Pdh Tj = +2°C	4.1 kW	3.7 kW
COP Tj = +2°C	4.43	3.13
Cdh Tj = +2 °C	0.984	0.987
Pdh Tj = +7°C	3.4 kW	3.1 kW
COP Tj = +7°C	6.27	4.66
Cdh Tj = +7 °C	0.972	0.977
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	7.11	6.53
Cdh Tj = +12 °C	0.971	0.975
Pdh Tj = Tbiv	6.1 kW	5.31 kW

COP Tj = Tbiv	2.26	1.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.1 kW	5.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.26	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.994	0.996
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	0.2 kW
Annual energy consumption Qhe	2838 kWh	3850 kWh



## Model SUZ-SHWM60VAH + ERSD-M\*D

Model name	SUZ-SHWM60VAH + ERSD-M*D
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	57 dB(A)	57 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	178 %	128 %
Prated	6.1 kW	6 kW
SCOP	4.53	3.27
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	5.4 kW	5.31 kW
COP Tj = -7°C	2.78	1.85
Cdh Tj = -7 °C	0.992	0.995
Pdh Tj = +2°C	4.1 kW	3.7 kW
COP Tj = +2°C	4.43	3.13
Cdh Tj = +2 °C	0.984	0.987
Pdh Tj = +7°C	3.4 kW	3.1 kW
COP Tj = +7°C	6.27	4.66
Cdh Tj = +7 °C	0.972	0.977
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	7.11	6.53
Cdh Tj = +12 °C	0.971	0.975

Pdh Tj = Tbiv	6.1 kW	5.31 kW
COP Tj = Tbiv	2.26	1.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.1 kW	5.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.26	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.994	0.996
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	0.2 kW
Annual energy consumption Qhe	2783 kWh	3794 kWh

## Model SUZ-SHWM60VAH + ERSD-\*M\*D

Model name	SUZ-SHWM60VAH + ERSD-*M*D
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	57 dB(A)	57 dB(A)

## EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	178 %	128 %
Prated	6.1 kW	6 kW
SCOP	4.53	3.27
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	5.4 kW	5.31 kW
COP Tj = -7°C	2.78	1.85
Cdh Tj = -7 °C	0.992	0.995
Pdh Tj = +2°C	4.1 kW	3.7 kW
COP Tj = +2°C	4.43	3.13
Cdh Tj = +2 °C	0.984	0.987
Pdh Tj = +7°C	3.4 kW	3.1 kW
COP Tj = +7°C	6.27	4.66
Cdh Tj = +7 °C	0.972	0.977
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	7.11	6.53
Cdh Tj = +12 °C	0.971	0.975

Pdh Tj = Tbiv	6.1 kW	5.31 kW
COP Tj = Tbiv	2.26	1.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.1 kW	5.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.26	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.994	0.996
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	0.2 kW
Annual energy consumption Qhe	2783 kWh	3794 kWh

## Model SUZ-SWM80VA2 + EHST20D-M\*D

Model name	SUZ-SWM80VA2 + EHST20D-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	L
Efficiency $\eta_{DHW}$	144 %
COP	3.5
Heating up time	1:49 h:min
Standby power input	25 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	274 l

## Model SUZ-SWM80VA2 + EHST20D-\*M\*D

Model name	SUZ-SWM80VA2 + EHST20D-*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	L
Efficiency $\eta_{DHW}$	144 %
COP	3.5
Heating up time	1:49 h:min
Standby power input	25 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	274 l

## Model SUZ-SWM80VA2 + ERST20D-\*M\*D

Model name	SUZ-SWM80VA2 + ERST20D-*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	L
Efficiency $\eta_{DHW}$	144 %
COP	3.5
Heating up time	1:49 h:min
Standby power input	25 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	274 l

## Model SUZ-SWM80VA2 + EHSD-M\*D

Model name	SUZ-SWM80VA2 + EHSD-M*D
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	183 %	133 %
Prated	6.6 kW	7 kW
SCOP	4.66	3.39
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	5.9 kW	6.2 kW
COP Tj = -7°C	3.16	1.91
Cdh Tj = -7 °C	0.992	0.995
Pdh Tj = +2°C	4.4 kW	3.8 kW
COP Tj = +2°C	4.61	3.39
Cdh Tj = +2 °C	0.984	0.987
Pdh Tj = +7°C	3.4 kW	3.1 kW
COP Tj = +7°C	6.22	4.69
Cdh Tj = +7 °C	0.973	0.977
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	7.38	6.67
Cdh Tj = +12 °C	0.97	0.974
Pdh Tj = Tbiv	6.6 kW	6.2 kW



COP Tj = Tbiv	2.4	1.91
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.6 kW	5.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.4	1.68
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.995	0.996
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	1.2 kW
Annual energy consumption Qhe	2929 kWh	4262 kWh

## Model SUZ-SWM80VA2 + EHSD-\*M\*D

Model name	SUZ-SWM80VA2 + EHSD-*M*D
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

## EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	183 %	133 %
Prated	6.6 kW	7 kW
SCOP	4.66	3.39
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	5.9 kW	6.2 kW
COP Tj = -7°C	3.16	1.91
Cdh Tj = -7 °C	0.992	0.995
Pdh Tj = +2°C	4.4 kW	3.8 kW
COP Tj = +2°C	4.61	3.39
Cdh Tj = +2 °C	0.984	0.987
Pdh Tj = +7°C	3.4 kW	3.1 kW
COP Tj = +7°C	6.22	4.69
Cdh Tj = +7 °C	0.973	0.977
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	7.38	6.67
Cdh Tj = +12 °C	0.97	0.974
Pdh Tj = Tbiv	6.6 kW	6.2 kW

COP Tj = Tbiv	2.4	1.91
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.6 kW	5.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.4	1.68
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.995	0.996
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	1.2 kW
Annual energy consumption Qhe	2929 kWh	4262 kWh

## Model SUZ-SWM80VA2 + ERSD-M\*D

Model name	SUZ-SWM80VA2 + ERSD-M*D
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	187 %	135 %
Prated	6.6 kW	7 kW
SCOP	4.74	3.44
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	5.9 kW	6.2 kW
COP Tj = -7°C	3.16	1.91
Cdh Tj = -7 °C	0.992	0.995
Pdh Tj = +2°C	4.4 kW	3.8 kW
COP Tj = +2°C	4.61	3.39
Cdh Tj = +2 °C	0.984	0.987
Pdh Tj = +7°C	3.4 kW	3.1 kW
COP Tj = +7°C	6.22	4.69
Cdh Tj = +7 °C	0.973	0.977
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	7.38	6.67
Cdh Tj = +12 °C	0.97	0.974

Pdh Tj = Tbiv	6.6 kW	6.2 kW
COP Tj = Tbiv	2.4	1.91
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.6 kW	5.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.4	1.68
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.995	0.996
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	1.2 kW
Annual energy consumption Qhe	2874 kWh	4207 kWh

## Model SUZ-SWM80VA2 + ERSD-\*M\*D

Model name	SUZ-SWM80VA2 + ERSD-*M*D
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	187 %	135 %
Prated	6.6 kW	7 kW
SCOP	4.74	3.44
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	5.9 kW	6.2 kW
COP Tj = -7°C	3.16	1.91
Cdh Tj = -7 °C	0.992	0.995
Pdh Tj = +2°C	4.4 kW	3.8 kW
COP Tj = +2°C	4.61	3.39
Cdh Tj = +2 °C	0.984	0.987
Pdh Tj = +7°C	3.4 kW	3.1 kW
COP Tj = +7°C	6.22	4.69
Cdh Tj = +7 °C	0.973	0.977
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	7.38	6.67
Cdh Tj = +12 °C	0.97	0.974

Pdh Tj = Tbiv	6.6 kW	6.2 kW
COP Tj = Tbiv	2.4	1.91
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.6 kW	5.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.4	1.68
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.995	0.996
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	1.2 kW
Annual energy consumption Qhe	2874 kWh	4207 kWh

## Model SUZ-SWM80VAH2 + EHST20D-M\*D

Model name	SUZ-SWM80VAH2 + EHST20D-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	L
Efficiency $\eta_{DHW}$	144 %
COP	3.5
Heating up time	1:49 h:min
Standby power input	25 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	274 l



## Model SUZ-SWM80VAH2 + EHST20D-\*M\*D

Model name	SUZ-SWM80VAH2 + EHST20D-*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	L
Efficiency $\eta_{DHW}$	144 %
COP	3.5
Heating up time	1:49 h:min
Standby power input	25 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	274 l

## Model SUZ-SWM80VAH2 + ERST20D-\*M\*D

Model name	SUZ-SWM80VAH2 + ERST20D-*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	L
Efficiency $\eta_{DHW}$	144 %
COP	3.5
Heating up time	1:49 h:min
Standby power input	25 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	274 l

## Model SUZ-SWM80VAH2 + EHSD-M\*D

Model name	SUZ-SWM80VAH2 + EHSD-M*D
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	175 %	128 %
Prated	6.6 kW	7 kW
SCOP	4.44	3.29
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	5.9 kW	6.2 kW
COP Tj = -7°C	2.86	1.81
Cdh Tj = -7 °C	0.993	0.996
Pdh Tj = +2°C	4.4 kW	3.8 kW
COP Tj = +2°C	4.35	3.25
Cdh Tj = +2 °C	0.985	0.987
Pdh Tj = +7°C	3.4 kW	3.1 kW
COP Tj = +7°C	6.22	4.69
Cdh Tj = +7 °C	0.973	0.977
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	7.38	6.67
Cdh Tj = +12 °C	0.97	0.974
Pdh Tj = Tbiv	6.6 kW	6.2 kW

COP Tj = Tbiv	2.23	1.81
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.6 kW	5.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.23	1.58
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.995	0.996
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	1.2 kW
Annual energy consumption Qhe	3070 kWh	4401 kWh

## Model SUZ-SWM80VAH2 + EHSD-\*M\*D

Model name	SUZ-SWM80VAH2 + EHSD-*M*D
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

## EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	175 %	128 %
Prated	6.6 kW	7 kW
SCOP	4.44	3.29
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	5.9 kW	6.2 kW
COP Tj = -7°C	2.86	1.81
Cdh Tj = -7 °C	0.993	0.996
Pdh Tj = +2°C	4.4 kW	3.8 kW
COP Tj = +2°C	4.35	3.25
Cdh Tj = +2 °C	0.985	0.987
Pdh Tj = +7°C	3.4 kW	3.1 kW
COP Tj = +7°C	6.22	4.69
Cdh Tj = +7 °C	0.973	0.977
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	7.38	6.67
Cdh Tj = +12 °C	0.97	0.974
Pdh Tj = Tbiv	6.6 kW	6.2 kW

COP Tj = Tbiv	2.23	1.81
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.6 kW	5.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.23	1.58
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.995	0.996
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	1.2 kW
Annual energy consumption Qhe	3070 kWh	4401 kWh

## Model SUZ-SWM80VAH2 + ERSD-M\*D

Model name	SUZ-SWM80VAH2 + ERSD-M*D
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	178 %	130 %
Prated	6.6 kW	7 kW
SCOP	4.52	3.33
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	5.9 kW	6.2 kW
COP Tj = -7°C	2.86	1.81
Cdh Tj = -7 °C	0.993	0.996
Pdh Tj = +2°C	4.4 kW	3.8 kW
COP Tj = +2°C	4.35	3.25
Cdh Tj = +2 °C	0.985	0.987
Pdh Tj = +7°C	3.4 kW	3.1 kW
COP Tj = +7°C	6.22	4.69
Cdh Tj = +7 °C	0.973	0.977
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	7.38	6.67
Cdh Tj = +12 °C	0.97	0.974

Pdh Tj = Tbiv	6.6 kW	6.2 kW
COP Tj = Tbiv	2.23	1.81
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.6 kW	5.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.23	1.58
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.995	0.996
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	1.2 kW
Annual energy consumption Qhe	3015 kWh	4346 kWh



## Model SUZ-SWM80VAH2 + ERSD-\*M\*D

Model name	SUZ-SWM80VAH2 + ERSD-*M*D
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

## EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	178 %	130 %
Prated	6.6 kW	7 kW
SCOP	4.52	3.33
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	5.9 kW	6.2 kW
COP Tj = -7°C	2.86	1.81
Cdh Tj = -7 °C	0.993	0.996
Pdh Tj = +2°C	4.4 kW	3.8 kW
COP Tj = +2°C	4.35	3.25
Cdh Tj = +2 °C	0.985	0.987
Pdh Tj = +7°C	3.4 kW	3.1 kW
COP Tj = +7°C	6.22	4.69
Cdh Tj = +7 °C	0.973	0.977
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	7.38	6.67
Cdh Tj = +12 °C	0.97	0.974

Pdh Tj = Tbiv	6.6 kW	6.2 kW
COP Tj = Tbiv	2.23	1.81
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.6 kW	5.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.23	1.58
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.995	0.996
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	1.2 kW
Annual energy consumption Qhe	3015 kWh	4346 kWh

## Model SUZ-SWM100VA + EHST20D-M\*D

Model name	SUZ-SWM100VA + EHST20D-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	L
Efficiency $\eta_{DHW}$	144 %
COP	3.5
Heating up time	1:49 h:min
Standby power input	25 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	274 l

## Model SUZ-SWM100VA + EHST20D-\*M\*D

Model name	SUZ-SWM100VA + EHST20D-*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	L
Efficiency $\eta_{DHW}$	144 %
COP	3.5
Heating up time	1:49 h:min
Standby power input	25 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	274 l

## Model SUZ-SWM100VA + ERST20D-\*M\*D

Model name	SUZ-SWM100VA + ERST20D-*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	L
Efficiency $\eta_{DHW}$	144 %
COP	3.5
Heating up time	1:49 h:min
Standby power input	25 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	274 l

## Model SUZ-SWM100VA + EHSD-M\*D

Model name	SUZ-SWM100VA + EHSD-M*D
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	179 %	133 %
Prated	7.8 kW	7.5 kW
SCOP	4.54	3.39
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	6.9 kW	6.63 kW
COP Tj = -7°C	2.99	1.8
Cdh Tj = -7 °C	0.993	0.996
Pdh Tj = +2°C	4.5 kW	4.1 kW
COP Tj = +2°C	4.57	3.41
Cdh Tj = +2 °C	0.985	0.988
Pdh Tj = +7°C	3.4 kW	3.5 kW
COP Tj = +7°C	5.84	4.79
Cdh Tj = +7 °C	0.974	0.979
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	6.98	6.9
Cdh Tj = +12 °C	0.972	0.973
Pdh Tj = Tbiv	7.8 kW	6.63 kW

COP Tj = Tbiv	2.34	1.8
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.8 kW	6.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.34	1.69
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.995	0.996
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	1.4 kW
Annual energy consumption Qhe	3548 kWh	4567 kWh

## Model SUZ-SWM100VA + EHSD-\*M\*D

Model name	SUZ-SWM100VA + EHSD-*M*D
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

## EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	179 %	133 %
Prated	7.8 kW	7.5 kW
SCOP	4.54	3.39
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	6.9 kW	6.63 kW
COP Tj = -7°C	2.99	1.8
Cdh Tj = -7 °C	0.993	0.996
Pdh Tj = +2°C	4.5 kW	4.1 kW
COP Tj = +2°C	4.57	3.41
Cdh Tj = +2 °C	0.985	0.988
Pdh Tj = +7°C	3.4 kW	3.5 kW
COP Tj = +7°C	5.84	4.79
Cdh Tj = +7 °C	0.974	0.979
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	6.98	6.9
Cdh Tj = +12 °C	0.972	0.973
Pdh Tj = Tbiv	7.8 kW	6.63 kW



COP Tj = Tbiv	2.34	1.8
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.8 kW	6.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.34	1.69
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.995	0.996
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	1.4 kW
Annual energy consumption Qhe	3548 kWh	4567 kWh

## Model SUZ-SWM100VA + ERSD-M\*D

Model name	SUZ-SWM100VA + ERSD-M*D
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	182 %	134 %
Prated	7.8 kW	7.5 kW
SCOP	4.61	3.43
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	6.9 kW	6.63 kW
COP Tj = -7°C	2.99	1.8
Cdh Tj = -7 °C	0.993	0.996
Pdh Tj = +2°C	4.5 kW	4.1 kW
COP Tj = +2°C	4.57	3.41
Cdh Tj = +2 °C	0.985	0.988
Pdh Tj = +7°C	3.4 kW	3.5 kW
COP Tj = +7°C	5.84	4.79
Cdh Tj = +7 °C	0.974	0.979
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	6.98	6.9
Cdh Tj = +12 °C	0.972	0.973

Pdh Tj = Tbiv	7.8 kW	6.63 kW
COP Tj = Tbiv	2.34	1.8
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.8 kW	6.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.34	1.69
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.995	0.996
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	1.4 kW
Annual energy consumption Qhe	3492 kWh	4512 kWh

## Model SUZ-SWM100VA + ERSD-\*M\*D

Model name	SUZ-SWM100VA + ERSD-*M*D
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

## EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	182 %	134 %
Prated	7.8 kW	7.5 kW
SCOP	4.61	3.43
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	6.9 kW	6.63 kW
COP Tj = -7°C	2.99	1.8
Cdh Tj = -7 °C	0.993	0.996
Pdh Tj = +2°C	4.5 kW	4.1 kW
COP Tj = +2°C	4.57	3.41
Cdh Tj = +2 °C	0.985	0.988
Pdh Tj = +7°C	3.4 kW	3.5 kW
COP Tj = +7°C	5.84	4.79
Cdh Tj = +7 °C	0.974	0.979
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	6.98	6.9
Cdh Tj = +12 °C	0.972	0.973

Pdh Tj = Tbiv	7.8 kW	6.63 kW
COP Tj = Tbiv	2.34	1.8
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.8 kW	6.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.34	1.69
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.995	0.996
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	1.4 kW
Annual energy consumption Qhe	3492 kWh	4512 kWh

## Model SUZ-SWM100VAH + EHST20D-M\*D

Model name	SUZ-SWM100VAH + EHST20D-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	L
Efficiency $\eta_{DHW}$	144 %
COP	3.5
Heating up time	1:49 h:min
Standby power input	25 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	274 l

## Model SUZ-SWM100VAH + EHST20D-\*M\*D

Model name	SUZ-SWM100VAH + EHST20D-*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	L
Efficiency $\eta_{DHW}$	144 %
COP	3.5
Heating up time	1:49 h:min
Standby power input	25 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	274 l

## Model SUZ-SWM100VAH + ERST20D-\*M\*D

Model name	SUZ-SWM100VAH + ERST20D-*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	L
Efficiency $\eta_{DHW}$	144 %
COP	3.5
Heating up time	1:49 h:min
Standby power input	25 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	274 l



## Model SUZ-SWM100VAH + EHSD-M\*D

Model name	SUZ-SWM100VAH + EHSD-M*D
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	174 %	127 %
Prated	7.8 kW	7.5 kW
SCOP	4.43	3.26
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	6.9 kW	6.63 kW
COP Tj = -7°C	2.79	1.68
Cdh Tj = -7 °C	0.994	0.996
Pdh Tj = +2°C	4.5 kW	4.1 kW
COP Tj = +2°C	4.43	3.23
Cdh Tj = +2 °C	0.985	0.988
Pdh Tj = +7°C	3.4 kW	3.5 kW
COP Tj = +7°C	5.89	4.8
Cdh Tj = +7 °C	0.974	0.979
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	7.04	6.78
Cdh Tj = +12 °C	0.971	0.974
Pdh Tj = Tbiv	7.8 kW	6.63 kW

COP Tj = Tbiv	2.22	1.68
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.8 kW	6.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.22	1.59
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.996	0.996
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	1.4 kW
Annual energy consumption Qhe	3640 kWh	4758 kWh

## Model SUZ-SWM100VAH + EHSD-\*M\*D

Model name	SUZ-SWM100VAH + EHSD-*M*D
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

## EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	174 %	127 %
Prated	7.8 kW	7.5 kW
SCOP	4.43	3.26
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	6.9 kW	6.63 kW
COP Tj = -7°C	2.79	1.68
Cdh Tj = -7 °C	0.994	0.996
Pdh Tj = +2°C	4.5 kW	4.1 kW
COP Tj = +2°C	4.43	3.23
Cdh Tj = +2 °C	0.985	0.988
Pdh Tj = +7°C	3.4 kW	3.5 kW
COP Tj = +7°C	5.89	4.8
Cdh Tj = +7 °C	0.974	0.979
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	7.04	6.78
Cdh Tj = +12 °C	0.971	0.974
Pdh Tj = Tbiv	7.8 kW	6.63 kW

COP Tj = Tbiv	2.22	1.68
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.8 kW	6.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.22	1.59
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.996	0.996
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	1.4 kW
Annual energy consumption Qhe	3640 kWh	4758 kWh

## Model SUZ-SWM100VAH + ERSD-M\*D

Model name	SUZ-SWM100VAH + ERSD-M*D
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	177 %	129 %
Prated	7.8 kW	7.5 kW
SCOP	4.5	3.29
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	6.9 kW	6.63 kW
COP Tj = -7°C	2.79	1.68
Cdh Tj = -7 °C	0.994	0.996
Pdh Tj = +2°C	4.5 kW	4.1 kW
COP Tj = +2°C	4.43	3.23
Cdh Tj = +2 °C	0.985	0.988
Pdh Tj = +7°C	3.4 kW	3.5 kW
COP Tj = +7°C	5.89	4.8
Cdh Tj = +7 °C	0.974	0.979
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	7.04	6.78
Cdh Tj = +12 °C	0.971	0.974

Pdh Tj = Tbiv	7.8 kW	6.63 kW
COP Tj = Tbiv	2.22	1.68
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.8 kW	6.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.22	1.59
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.996	0.996
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	1.4 kW
Annual energy consumption Qhe	3585 kWh	4703 kWh

## Model SUZ-SWM100VAH + ERSD-\*M\*D

Model name	SUZ-SWM100VAH + ERSD-*M*D
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	177 %	129 %
Prated	7.8 kW	7.5 kW
SCOP	4.5	3.29
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	6.9 kW	6.63 kW
COP Tj = -7°C	2.79	1.68
Cdh Tj = -7 °C	0.994	0.996
Pdh Tj = +2°C	4.5 kW	4.1 kW
COP Tj = +2°C	4.43	3.23
Cdh Tj = +2 °C	0.985	0.988
Pdh Tj = +7°C	3.4 kW	3.5 kW
COP Tj = +7°C	5.89	4.8
Cdh Tj = +7 °C	0.974	0.979
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	7.04	6.78
Cdh Tj = +12 °C	0.971	0.974

Pdh Tj = Tbiv	7.8 kW	6.63 kW
COP Tj = Tbiv	2.22	1.68
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.8 kW	6.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.22	1.59
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.996	0.996
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	1.4 kW
Annual energy consumption Qhe	3585 kWh	4703 kWh



## Model SUZ-SHWM60VAH + ERST20D-\*M\*E

Model name	SUZ-SHWM60VAH + ERST20D-*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	L
Efficiency $\eta_{DHW}$	148 %
COP	3.58
Heating up time	2:11 h:min
Standby power input	25.4 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	274 l

## Model SUZ-SHWM60VAH + ERSD-\*M\*E

Model name	SUZ-SHWM60VAH + ERSD-*M*E
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	57 dB(A)	57 dB(A)

## EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	178 %	128 %
Prated	6.1 kW	6 kW
SCOP	4.53	3.27
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	5.4 kW	5.31 kW
COP Tj = -7°C	2.78	1.85
Cdh Tj = -7 °C	0.992	0.995
Pdh Tj = +2°C	4.1 kW	3.7 kW
COP Tj = +2°C	4.43	3.13
Cdh Tj = +2 °C	0.984	0.987
Pdh Tj = +7°C	3.4 kW	3.1 kW
COP Tj = +7°C	6.27	4.66
Cdh Tj = +7 °C	0.972	0.977
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	7.11	6.53
Cdh Tj = +12 °C	0.971	0.975

Pdh Tj = Tbiv	6.1 kW	5.31 kW
COP Tj = Tbiv	2.26	1.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.1 kW	5.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.26	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.994	0.996
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	0.2 kW
Annual energy consumption Qhe	2783 kWh	3794 kWh

## Model SUZ-SWM80VA2 + EHST20D-\*M\*E

Model name	SUZ-SWM80VA2 + EHST20D-*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	L
Efficiency $\eta_{DHW}$	148 %
COP	3.58
Heating up time	2:11 h:min
Standby power input	25.4 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	274 l

## Model SUZ-SWM80VA2 + ERST20D-\*M\*E

Model name	SUZ-SWM80VA2 + ERST20D-*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	L
Efficiency $\eta_{DHW}$	148 %
COP	3.58
Heating up time	2:11 h:min
Standby power input	25.4 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	274 l

## Model SUZ-SWM80VA2 + EHSD-\*M\*E

Model name	SUZ-SWM80VA2 + EHSD-*M*E
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	183 %	133 %
Prated	6.6 kW	7 kW
SCOP	4.66	3.39
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	5.9 kW	6.2 kW
COP Tj = -7°C	3.16	1.91
Cdh Tj = -7 °C	0.992	0.995
Pdh Tj = +2°C	4.4 kW	3.8 kW
COP Tj = +2°C	4.61	3.39
Cdh Tj = +2 °C	0.984	0.987
Pdh Tj = +7°C	3.4 kW	3.1 kW
COP Tj = +7°C	6.22	4.69
Cdh Tj = +7 °C	0.973	0.977
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	7.38	6.67
Cdh Tj = +12 °C	0.97	0.974
Pdh Tj = Tbiv	6.6 kW	6.2 kW

COP Tj = Tbiv	2.4	1.91
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.6 kW	5.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.4	1.68
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.995	0.996
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	1.2 kW
Annual energy consumption Qhe	2929 kWh	4262 kWh

## Model SUZ-SWM80VA2 + ERSD-\*M\*E

Model name	SUZ-SWM80VA2 + ERSD-*M*E
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

## EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	187 %	135 %
Prated	6.6 kW	7 kW
SCOP	4.74	3.44
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	5.9 kW	6.2 kW
COP Tj = -7°C	3.16	1.91
Cdh Tj = -7 °C	0.992	0.995
Pdh Tj = +2°C	4.4 kW	3.8 kW
COP Tj = +2°C	4.61	3.39
Cdh Tj = +2 °C	0.984	0.987
Pdh Tj = +7°C	3.4 kW	3.1 kW
COP Tj = +7°C	6.22	4.69
Cdh Tj = +7 °C	0.973	0.977
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	7.38	6.67
Cdh Tj = +12 °C	0.97	0.974



Pdh Tj = Tbiv	6.6 kW	6.2 kW
COP Tj = Tbiv	2.4	1.91
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.6 kW	5.8 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.4	1.68
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.995	0.996
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	1.2 kW
Annual energy consumption Qhe	2874 kWh	4207 kWh

## Model SUZ-SWM100VA + EHST20D-\*M\*E

Model name	SUZ-SWM100VA + EHST20D-*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	L
Efficiency $\eta_{DHW}$	148 %
COP	3.58
Heating up time	2:11 h:min
Standby power input	25.4 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	274 l

## Model SUZ-SWM100VA + ERST20D-\*M\*E

Model name	SUZ-SWM100VA + ERST20D-*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	L
Efficiency $\eta_{DHW}$	148 %
COP	3.58
Heating up time	2:11 h:min
Standby power input	25.4 W
Reference hot water temperature	51.5 °C
Mixed water at 40°C	274 l

## Model SUZ-SWM100VA + EHSD-\*M\*E

Model name	SUZ-SWM100VA + EHSD-*M*E
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	179 %	133 %
Prated	7.8 kW	7.5 kW
SCOP	4.54	3.39
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	6.9 kW	6.63 kW
COP Tj = -7°C	2.99	1.8
Cdh Tj = -7 °C	0.993	0.996
Pdh Tj = +2°C	4.5 kW	4.1 kW
COP Tj = +2°C	4.57	3.41
Cdh Tj = +2 °C	0.985	0.988
Pdh Tj = +7°C	3.4 kW	3.5 kW
COP Tj = +7°C	5.84	4.79
Cdh Tj = +7 °C	0.974	0.979
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	6.98	6.9
Cdh Tj = +12 °C	0.972	0.973
Pdh Tj = Tbiv	7.8 kW	6.63 kW

COP Tj = Tbiv	2.34	1.8
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.8 kW	6.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.34	1.69
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.995	0.996
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	1.4 kW
Annual energy consumption Qhe	3548 kWh	4567 kWh

## Model SUZ-SWM100VA + ERSD-\*M\*E

Model name	SUZ-SWM100VA + ERSD-*M*E
Application	Heating (medium 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 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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	182 %	134 %
Prated	7.8 kW	7.5 kW
SCOP	4.61	3.43
Tbiv	-10 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	6.9 kW	6.63 kW
COP Tj = -7°C	2.99	1.8
Cdh Tj = -7 °C	0.993	0.996
Pdh Tj = +2°C	4.5 kW	4.1 kW
COP Tj = +2°C	4.57	3.41
Cdh Tj = +2 °C	0.985	0.988
Pdh Tj = +7°C	3.4 kW	3.5 kW
COP Tj = +7°C	5.84	4.79
Cdh Tj = +7 °C	0.974	0.979
Pdh Tj = 12°C	3.7 kW	3.9 kW
COP Tj = 12°C	6.98	6.9
Cdh Tj = +12 °C	0.972	0.973

Pdh Tj = Tbiv	7.8 kW	6.63 kW
COP Tj = Tbiv	2.34	1.8
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.8 kW	6.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.34	1.69
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.995	0.996
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	1.4 kW
Annual energy consumption Qhe	3492 kWh	4512 kWh