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Summary of	Ecodan Eco Inverter 4-200D	Reg. No.	037-0008-19
Certificate Holder			
Name	Mitsubishi Electric Air Conditioning Systems Europe LTD		
Address	Nettlehill Road, Houston Industrial Estate	Zip	EH54 5EQ
City	Livingston	Country	United Kingdom
Certification Body	SZU - Strojirensky zkusebni ustav (Engineering Test Institute, Public Enterprise)		
Subtype title	Ecodan Eco Inverter 4-200D		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	1.2 kg		
Certification Date	15.10.2019		
Testing basis	HP Keymark scheme rules rev. no. 6		

Model: SUZ-SWM40VA + EHST20D-M*D

Configure model	
Model name	SUZ-SWM40VA + EHST20D-M*D
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	Warmer Climate
Reversibility	No
Cooling mode application (optional)	n/a

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4 kW	4.5 kW
El input	0.77 kW	1.72 kW
COP	5.2	2.61

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

Warmer Climate

This information was generated by the HP KEYMARK database on 21 Jun 2022

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	216 %	155 %
Prated	5.1 kW	4.6 kW
SCOP	5.46	3.94
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = +2°C	5.1 kW	4.6 kW
COP Tj = +2°C	3.25	1.85
Cdh Tj = +2 °C	0.99	0.99
Pdh Tj = +7°C	3.3 kW	3 kW
COP Tj = +7°C	5.28	3.51
Cdh Tj = +7 °C	0.98	0.98
Pdh Tj = 12°C	1.9 kW	1.9 kW
COP Tj = 12°C	7.04	5.59
Cdh Tj = +12 °C	0.94	0.96

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Pdh Tj = Tbiv	5.1 kW	4.6 kW
COP Tj = Tbiv	3.25	1.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.1 kW	4.6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.25	1.85
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.99	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	0 kW
Annual energy consumption Qhe	1247 kWh	1560 kWh

Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825

This information was generated by the HP KEYMARK database on 21 Jun 2022

	Low temperature	Medium temperature
η_s	180 %	129 %
Prated	5.1 kW	4.6 kW
SCOP	4.58	3.29
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	4.5 kW	4.1 kW
COP Tj = -7°C	2.88	2.02
Cdh Tj = -7 °C	0.99	0.99
Pdh Tj = +2°C	2.7 kW	2.5 kW
COP Tj = +2°C	4.5	3.2
Cdh Tj = +2 °C	0.98	0.98
Pdh Tj = +7°C	2.6 kW	2.6 kW
COP Tj = +7°C	6.5	4.64
Cdh Tj = +7 °C	0.96	0.97
Pdh Tj = 12°C	2.6 kW	2.3 kW
COP Tj = 12°C	8.97	6.57
Cdh Tj = +12 °C	0.95	0.96
Pdh Tj = Tbiv	4.5 kW	4.1 kW
COP Tj = Tbiv	2.88	2.02
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.36 kW	4.05 kW

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COP $T_j = TOL$ or COP $T_j = T_{designh}$ if $TOL < T_{designh}$	2.59	1.91
Cdh $T_j = TOL$ or Pdh $T_j = T_{designh}$ if $TOL < T_{designh}$	0.991	0.993
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	0.74 kW	0.55 kW
Annual energy consumption Qhe	2301 kWh	2888 kWh

Domestic Hot Water (DHW)

Warmer Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	173 %
COP	4.13
Heating up time	2:22 h:min
Standby power input	22 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	278 l

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	159 %
COP	3.8
Heating up time	2:51 h:min
Standby power input	24 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	278 l

Model: SUZ-SWM40VA + EHST20D-*M*D

Configure model	
Model name	SUZ-SWM40VA + EHST20D-*M*D
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	Warmer Climate
Reversibility	No
Cooling mode application (optional)	n/a

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4 kW	4.5 kW
El input	0.77 kW	1.72 kW
COP	5.2	2.61

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

Warmer Climate

This information was generated by the HP KEYMARK database on 21 Jun 2022

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
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EN 14825

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COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.25	1.85
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.99	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	0 kW
Annual energy consumption Qhe	1247 kWh	1560 kWh

Average Climate

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	Low temperature	Medium temperature
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Cdh Tj = -7 °C	0.99	0.99
Pdh Tj = +2°C	2.7 kW	2.5 kW
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Pdh Tj = Tbiv	4.5 kW	4.1 kW
COP Tj = Tbiv	2.88	2.02
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.36 kW	4.05 kW

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COP $T_j = TOL$ or COP $T_j = T_{designh}$ if $TOL < T_{designh}$	2.59	1.91
Cdh $T_j = TOL$ or Pdh $T_j = T_{designh}$ if $TOL < T_{designh}$	0.991	0.993
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	0.74 kW	0.55 kW
Annual energy consumption Qhe	2301 kWh	2888 kWh

Domestic Hot Water (DHW)

Warmer Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	173 %
COP	4.13
Heating up time	2:22 h:min
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Reference hot water temperature	52.5 °C
Mixed water at 40°C	278 l

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	159 %
COP	3.8
Heating up time	2:51 h:min
Standby power input	24 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	278 l

Model: SUZ-SWM40VA + EHSD-M*D

Configure model	
Model name	SUZ-SWM40VA + EHSD-M*D
Application	Heating (medium temp)
Units	Indoor + Outdoor
Climate Zone	Warmer Climate
Reversibility	No
Cooling mode application (optional)	n/a

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4 kW	4.5 kW
El input	0.77 kW	1.72 kW
COP	5.2	2.61

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

Warmer Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	216 %	155 %
Prated	5.1 kW	4.6 kW
SCOP	5.46	3.94
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = +2°C	5.1 kW	4.6 kW
COP Tj = +2°C	3.25	1.85
Cdh Tj = +2 °C	0.99	0.99
Pdh Tj = +7°C	3.3 kW	3 kW
COP Tj = +7°C	5.28	3.51
Cdh Tj = +7 °C	0.98	0.98
Pdh Tj = 12°C	1.9 kW	1.9 kW
COP Tj = 12°C	7.04	5.59
Cdh Tj = +12 °C	0.94	0.96

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Pdh Tj = Tbiv	5.1 kW	4.6 kW
COP Tj = Tbiv	3.25	1.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.1 kW	4.6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.25	1.85
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.99	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	0 kW
Annual energy consumption Qhe	1247 kWh	1560 kWh

Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825

This information was generated by the HP KEYMARK database on 21 Jun 2022

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η_s	180 %	129 %
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SCOP	4.58	3.29
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	4.5 kW	4.1 kW
COP Tj = -7°C	2.88	2.02
Cdh Tj = -7 °C	0.99	0.99
Pdh Tj = +2°C	2.7 kW	2.5 kW
COP Tj = +2°C	4.5	3.2
Cdh Tj = +2 °C	0.98	0.98
Pdh Tj = +7°C	2.6 kW	2.6 kW
COP Tj = +7°C	6.5	4.64
Cdh Tj = +7 °C	0.96	0.97
Pdh Tj = 12°C	2.6 kW	2.3 kW
COP Tj = 12°C	8.97	6.57
Cdh Tj = +12 °C	0.95	0.96
Pdh Tj = Tbiv	4.5 kW	4.1 kW
COP Tj = Tbiv	2.88	2.02
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.36 kW	4.05 kW

This information was generated by the HP KEYMARK database on 21 Jun 2022

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.59	1.91
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.991	0.993
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	0.74 kW	0.55 kW
Annual energy consumption Qhe	2301 kWh	2888 kWh

Model: SUZ-SWM40VA + EHSD-*M*D

Configure model	
Model name	SUZ-SWM40VA + EHSD-*M*D
Application	Heating (medium temp)
Units	Indoor + Outdoor
Climate Zone	Warmer Climate
Reversibility	No
Cooling mode application (optional)	n/a

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4 kW	4.5 kW
El input	0.77 kW	1.72 kW
COP	5.2	2.61

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

Warmer Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	216 %	155 %
Prated	5.1 kW	4.6 kW
SCOP	5.46	3.94
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = +2°C	5.1 kW	4.6 kW
COP Tj = +2°C	3.25	1.85
Cdh Tj = +2 °C	0.99	0.99
Pdh Tj = +7°C	3.3 kW	3 kW
COP Tj = +7°C	5.28	3.51
Cdh Tj = +7 °C	0.98	0.98
Pdh Tj = 12°C	1.9 kW	1.9 kW
COP Tj = 12°C	7.04	5.59
Cdh Tj = +12 °C	0.94	0.96

This information was generated by the HP KEYMARK database on 21 Jun 2022

Pdh Tj = Tbiv	5.1 kW	4.6 kW
COP Tj = Tbiv	3.25	1.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.1 kW	4.6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.25	1.85
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.99	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	0 kW
Annual energy consumption Qhe	1247 kWh	1560 kWh

Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825

This information was generated by the HP KEYMARK database on 21 Jun 2022

	Low temperature	Medium temperature
η_s	180 %	129 %
Prated	5.1 kW	4.6 kW
SCOP	4.58	3.29
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	4.5 kW	4.1 kW
COP Tj = -7°C	2.88	2.02
Cdh Tj = -7 °C	0.99	0.99
Pdh Tj = +2°C	2.7 kW	2.5 kW
COP Tj = +2°C	4.5	3.2
Cdh Tj = +2 °C	0.98	0.98
Pdh Tj = +7°C	2.6 kW	2.6 kW
COP Tj = +7°C	6.5	4.64
Cdh Tj = +7 °C	0.96	0.97
Pdh Tj = 12°C	2.6 kW	2.3 kW
COP Tj = 12°C	8.97	6.57
Cdh Tj = +12 °C	0.95	0.96
Pdh Tj = Tbiv	4.5 kW	4.1 kW
COP Tj = Tbiv	2.88	2.02
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.36 kW	4.05 kW

This information was generated by the HP KEYMARK database on 21 Jun 2022

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.59	1.91
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.991	0.993
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	0.74 kW	0.55 kW
Annual energy consumption Qhe	2301 kWh	2888 kWh

Model: SUZ-SWM40VA + ERST20D-*M*D

Configure model	
Model name	SUZ-SWM40VA + ERST20D-*M*D
Application	Heating + DHW + low temp
Units	Indoor + Outdoor
Climate Zone	Warmer Climate
Reversibility	Yes
Cooling mode application (optional)	n/a

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4 kW	4.5 kW
El input	0.77 kW	1.72 kW
COP	5.2	2.61

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

Warmer Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	225 %	160 %
Prated	5.1 kW	4.6 kW
SCOP	5.7	4.08
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = +2°C	5.1 kW	4.6 kW
COP Tj = +2°C	3.13	1.85
Cdh Tj = +2 °C	0.99	0.99
Pdh Tj = +7°C	3.3 kW	3 kW
COP Tj = +7°C	5.18	3.45
Cdh Tj = +7 °C	0.98	0.98
Pdh Tj = 12°C	1.9 kW	1.9 kW
COP Tj = 12°C	7.04	5.59
Cdh Tj = +12 °C	0.94	0.96

This information was generated by the HP KEYMARK database on 21 Jun 2022

Pdh Tj = Tbiv	5.1 kW	4.6 kW
COP Tj = Tbiv	3.13	1.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.1 kW	4.6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.13	1.85
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.991	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	0 kW
Annual energy consumption Qhe	1195 kWh	1506 kWh

Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825

This information was generated by the HP KEYMARK database on 21 Jun 2022

	Low temperature	Medium temperature
η_s	187 %	132 %
Prated	5.1 kW	4.6 kW
SCOP	4.75	3.39
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	4.5 kW	4.1 kW
COP Tj = -7°C	2.92	2.04
Cdh Tj = -7 °C	0.99	0.99
Pdh Tj = +2°C	2.7 kW	2.5 kW
COP Tj = +2°C	4.58	3.25
Cdh Tj = +2 °C	0.98	0.98
Pdh Tj = +7°C	2.6 kW	2.6 kW
COP Tj = +7°C	6.5	4.64
Cdh Tj = +7 °C	0.96	0.97
Pdh Tj = 12°C	2.6 kW	2.3 kW
COP Tj = 12°C	8.97	6.57
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Pdh Tj = Tbiv	4.5 kW	4.1 kW
COP Tj = Tbiv	2.92	2.04
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.36 kW	4.05 kW

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COP $T_j = TOL$ or COP $T_j = T_{designh}$ if $TOL < T_{designh}$	2.59	1.91
Cdh $T_j = TOL$ or Pdh $T_j = T_{designh}$ if $TOL < T_{designh}$	0.991	0.993
WTOL	60 °C	60 °C
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Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.74 kW	0.55 kW
Annual energy consumption Qhe	2220 kWh	2806 kWh

Domestic Hot Water (DHW)

Warmer Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	173 %
COP	4.13
Heating up time	2:22 h:min
Standby power input	22 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	278 l

Average Climate

EN 16147	
Declared load profile	L
Efficiency η_{DHW}	159 %
COP	3.8
Heating up time	2:51 h:min
Standby power input	24 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	278 l

Model: SUZ-SWM40VA + ERSD-M*D

Configure model	
Model name	SUZ-SWM40VA + ERSD-M*D
Application	Heating (medium temp)
Units	Indoor + Outdoor
Climate Zone	Warmer Climate
Reversibility	Yes
Cooling mode application (optional)	n/a

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	4 kW	4.5 kW
El input	0.77 kW	1.72 kW
COP	5.2	2.61

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

Warmer Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	225 %	160 %
Prated	5.1 kW	4.6 kW
SCOP	5.7	4.08
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = +2°C	5.1 kW	4.6 kW
COP Tj = +2°C	3.13	1.85
Cdh Tj = +2 °C	0.99	0.99
Pdh Tj = +7°C	3.3 kW	3 kW
COP Tj = +7°C	5.18	3.45
Cdh Tj = +7 °C	0.98	0.98
Pdh Tj = 12°C	1.9 kW	1.9 kW
COP Tj = 12°C	7.04	5.59
Cdh Tj = +12 °C	0.94	0.96

This information was generated by the HP KEYMARK database on 21 Jun 2022

Pdh Tj = Tbiv	5.1 kW	4.6 kW
COP Tj = Tbiv	3.13	1.85
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.1 kW	4.6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.13	1.85
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.991	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	0 kW
Annual energy consumption Qhe	1195 kWh	1506 kWh

Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825

This information was generated by the HP KEYMARK database on 21 Jun 2022

	Low temperature	Medium temperature
η_s	187 %	132 %
Prated	5.1 kW	4.6 kW
SCOP	4.75	3.39
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	4.5 kW	4.1 kW
COP Tj = -7°C	2.92	2.04
Cdh Tj = -7 °C	0.99	0.99
Pdh Tj = +2°C	2.7 kW	2.5 kW
COP Tj = +2°C	4.58	3.25
Cdh Tj = +2 °C	0.98	0.98
Pdh Tj = +7°C	2.6 kW	2.6 kW
COP Tj = +7°C	6.5	4.64
Cdh Tj = +7 °C	0.96	0.97
Pdh Tj = 12°C	2.6 kW	2.3 kW
COP Tj = 12°C	8.97	6.57
Cdh Tj = +12 °C	0.95	0.96
Pdh Tj = Tbiv	4.5 kW	4.1 kW
COP Tj = Tbiv	2.92	2.04
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.36 kW	4.05 kW

This information was generated by the HP KEYMARK database on 21 Jun 2022

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.59	1.91
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.991	0.993
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	0.74 kW	0.55 kW
Annual energy consumption Qhe	2220 kWh	2806 kWh

Model: SUZ-SWM40VA + ERSD-*M*D

Configure model	
Model name	SUZ-SWM40VA + ERSD-*M*D
Application	Heating (medium temp)
Units	Indoor + Outdoor
Climate Zone	Warmer Climate
Reversibility	Yes
Cooling mode application (optional)	n/a

General Data	
Power supply	1x230V 50Hz

Heating

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El input	0.77 kW	1.72 kW
COP	5.2	2.61

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Defrost test	passed
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Warmer Climate

EN 12102-1

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Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	1195 kWh	1506 kWh

Average Climate

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