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Summary of	Ecodan Eco Inverter 6/8-200D	Reg. No.	037-0009-19	
Certificate Holder	Certificate Holder			
Name	Mitsubishi Electric Air Conditioning Systems Europe	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 6/8-200D			
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-SWM60VA + EHST20D-M*D

Configure model		
Model name	SUZ-SWM60VA + 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	6 kW	6 kW	
El input	1.24 kW	2.07 kW	
СОР	4.86	2.9	

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



EN 12102-1			
	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			
	Low temperature	Medium temperature	
η_{s}	192 %	138 %	
Prated	6.6 kW	6 kW	
SCOP	4.87	3.53	
Tbiv	2 °C	2 °C	
TOL	-20 °C	-20 °C	
Pdh Tj = +2°C	6.6 kW	6 kW	
COP Tj = +2°C	3.32	1.87	
Cdh Tj = +2 °C	0.99	1	
Pdh Tj = +7°C	4.2 kW	3.9 kW	
COP Tj = +7°C	4.18	2.94	
Cdh Tj = +7 °C	0.98	0.99	
Pdh Tj = 12°C	2 kW	1.9 kW	
COP Tj = 12°C	6.45	5	
Cdh Tj = +12 °C	0.95	0.96	





Pdh Tj = Tbiv	6.6 kW	6 kW
COP Tj = Tbiv	3.32	1.87
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.6 kW	6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.32	1.87
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.992	0.995
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	1812 kWh	2268 kWh

Average Climate

EN 12102-1			
	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





	Low temperature	Medium temperature
η_{s}	181 %	130 %
Prated	6.6 kW	6 kW
SCOP	4.61	3.33
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	5.8 kW	5.3 kW
$COP Tj = -7^{\circ}C$	3.02	2.04
Cdh Tj = -7 °C	0.99	0.99
Pdh Tj = +2°C	3.6 kW	3.2 kW
$COPTj = +2^{\circ}C$	4.48	3.27
Cdh Tj = +2 °C	0.98	0.98
Pdh Tj = +7°C	2.8 kW	2.6 kW
$COP Tj = +7^{\circ}C$	6.36	4.48
Cdh Tj = +7 °C	0.97	0.97
Pdh Tj = 12°C	2.6 kW	2.6 kW
COP Tj = 12°C	8.39	6.34
Cdh Tj = +12 °C	0.95	0.96
Pdh Tj = Tbiv	5.8 kW	5.3 kW
COP Tj = Tbiv	3.02	2.04
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.48 kW	5.09 kW





COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.66	1.9
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.994
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	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	1.12 kW	0.91 kW
Annual energy consumption Qhe	2957 kWh	3727 kWh

Domestic Hot Water (DHW)

EN 16147		
Declared load profile	L	
Efficiency ηDHW	173 %	
СОР	4.13	
Heating up time	2:00 h:min	
Standby power input	22 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	278	



Average Climate

EN 16147		
Declared load profile	L	
Efficiency ηDHW	148 %	
СОР	3.55	
Heating up time	2:33 h:min	
Standby power input	26 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	278	



Model: SUZ-SWM60VA + EHST20D-*M*D

Configure model		
Model name	SUZ-SWM60VA + 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	6 kW	6 kW
El input	1.24 kW	2.07 kW
СОР	4.86	2.9

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



EN 12102-1		
	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		
	Low temperature	Medium temperature
η_{s}	192 %	138 %
Prated	6.6 kW	6 kW
SCOP	4.87	3.53
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = +2°C	6.6 kW	6 kW
COP Tj = +2°C	3.32	1.87
Cdh Tj = +2 °C	0.99	1
Pdh Tj = +7°C	4.2 kW	3.9 kW
COP Tj = +7°C	4.18	2.94
Cdh Tj = +7 °C	0.98	0.99
Pdh Tj = 12°C	2 kW	1.9 kW
COP Tj = 12°C	6.45	5
Cdh Tj = +12 °C	0.95	0.96



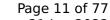


Pdh Tj = Tbiv	6.6 kW	6 kW
COP Tj = Tbiv	3.32	1.87
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.6 kW	6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.32	1.87
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.992	0.995
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	1812 kWh	2268 kWh

Average Climate

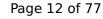
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	60 dB(A)	60 dB(A)

EN 14825





	Low temperature	Medium temperature
ης	181 %	130 %
Prated	6.6 kW	6 kW
SCOP	4.61	3.33
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7 °C	5.8 kW	5.3 kW
COP Tj = -7 °C	3.02	2.04
Cdh Tj = -7 °C	0.99	0.99
Pdh Tj = $+2$ °C	3.6 kW	3.2 kW
$COP Tj = +2^{\circ}C$	4.48	3.27
Cdh Tj = +2 °C	0.98	0.98
Pdh Tj = $+7^{\circ}$ C	2.8 kW	2.6 kW
$COP Tj = +7^{\circ}C$	6.36	4.48
Cdh Tj = $+7$ °C	0.97	0.97
Pdh Tj = 12°C	2.6 kW	2.6 kW
COP Tj = 12°C	8.39	6.34
Cdh Tj = $+12$ °C	0.95	0.96
Pdh Tj = Tbiv	5.8 kW	5.3 kW
COP Tj = Tbiv	3.02	2.04
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.48 kW	5.09 kW





COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.66	1.9
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	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	1.12 kW	0.91 kW
Annual energy consumption Qhe	2957 kWh	3727 kWh

Domestic Hot Water (DHW)

EN 16147		
Declared load profile	L	
Efficiency ηDHW	173 %	
СОР	4.13	
Heating up time	2:00 h:min	
Standby power input	22 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	278	



Average Climate

EN 16147	
Declared load profile	L
Efficiency ηDHW	148 %
СОР	3.55
Heating up time	2:33 h:min
Standby power input	26 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	278



Model: SUZ-SWM60VA + EHSD-M*D

Configure model		
Model name	SUZ-SWM60VA + 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	6 kW	6 kW
El input	1.24 kW	2.07 kW
СОР	4.86	2.9

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



EN 12102-1		
	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		
	Low temperature	e Medium temperature
η_{s}	192 %	138 %
Prated	6.6 kW	6 kW
SCOP	4.87	3.53
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = +2°C	6.6 kW	6 kW
COP Tj = +2°C	3.32	1.87
Cdh Tj = +2 °C	0.99	1
Pdh Tj = $+7^{\circ}$ C	4.2 kW	3.9 kW
$COP Tj = +7^{\circ}C$	4.18	2.94
Cdh Tj = +7 °C	0.98	0.99
Pdh Tj = 12°C	2 kW	1.9 kW
COP Tj = 12°C	6.45	5
Cdh Tj = +12 °C	0.95	0.96



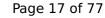


Pdh Tj = Tbiv	6.6 kW	6 kW
COP Tj = Tbiv	3.32	1.87
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.6 kW	6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.32	1.87
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.992	0.995
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	1812 kWh	2268 kWh

Average Climate

EN 12102-1		
	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





	Low temperature	Medium temperature
η_{s}	181 %	130 %
Prated	6.6 kW	6 kW
SCOP	4.61	3.33
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	5.8 kW	5.3 kW
$COP Tj = -7^{\circ}C$	3.02	2.04
Cdh Tj = -7 °C	0.99	0.99
Pdh Tj = +2°C	3.6 kW	3.2 kW
$COPTj = +2^{\circ}C$	4.48	3.27
Cdh Tj = +2 °C	0.98	0.98
Pdh Tj = +7°C	2.8 kW	2.6 kW
$COP Tj = +7^{\circ}C$	6.36	4.48
Cdh Tj = +7 °C	0.97	0.97
Pdh Tj = 12°C	2.6 kW	2.6 kW
COP Tj = 12°C	8.39	6.34
Cdh Tj = +12 °C	0.95	0.96
Pdh Tj = Tbiv	5.8 kW	5.3 kW
COP Tj = Tbiv	3.02	2.04
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.48 kW	5.09 kW



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COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.66	1.9
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.994
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	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	1.12 kW	0.91 kW
Annual energy consumption Qhe	2957 kWh	3727 kWh



Model: SUZ-SWM60VA + EHSD-*M*D

Configure model		
Model name	SUZ-SWM60VA + 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	6 kW	6 kW
El input	1.24 kW	2.07 kW
СОР	4.86	2.9

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



EN 12102-1		
	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		
	Low temperature	e Medium temperature
η_{s}	192 %	138 %
Prated	6.6 kW	6 kW
SCOP	4.87	3.53
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = +2°C	6.6 kW	6 kW
COP Tj = +2°C	3.32	1.87
Cdh Tj = +2 °C	0.99	1
Pdh Tj = $+7^{\circ}$ C	4.2 kW	3.9 kW
$COP Tj = +7^{\circ}C$	4.18	2.94
Cdh Tj = +7 °C	0.98	0.99
Pdh Tj = 12°C	2 kW	1.9 kW
COP Tj = 12°C	6.45	5
Cdh Tj = +12 °C	0.95	0.96





Pdh Tj = Tbiv	6.6 kW	6 kW
COP Tj = Tbiv	3.32	1.87
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.6 kW	6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.32	1.87
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.992	0.995
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	1812 kWh	2268 kWh

Average Climate

EN 12102-1		
	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





	Low temperature	Medium temperature
η_{s}	181 %	130 %
Prated	6.6 kW	6 kW
SCOP	4.61	3.33
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	5.8 kW	5.3 kW
$COP Tj = -7^{\circ}C$	3.02	2.04
Cdh Tj = -7 °C	0.99	0.99
Pdh Tj = +2°C	3.6 kW	3.2 kW
$COPTj = +2^{\circ}C$	4.48	3.27
Cdh Tj = +2 °C	0.98	0.98
Pdh Tj = +7°C	2.8 kW	2.6 kW
$COP Tj = +7^{\circ}C$	6.36	4.48
Cdh Tj = +7 °C	0.97	0.97
Pdh Tj = 12°C	2.6 kW	2.6 kW
COP Tj = 12°C	8.39	6.34
Cdh Tj = +12 °C	0.95	0.96
Pdh Tj = Tbiv	5.8 kW	5.3 kW
COP Tj = Tbiv	3.02	2.04
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.48 kW	5.09 kW



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

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.66	1.9
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.994
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.12 kW	0.91 kW
Annual energy consumption Qhe	2957 kWh	3727 kWh



Model: SUZ-SWM60VA + ERST20D-*M*D

Configure model		
Model name	SUZ-SWM60VA + 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	6 kW	6 kW
El input	1.24 kW	2.07 kW
СОР	4.86	2.9

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



EN 12102-1		
	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		
	Low temperature	Medium temperature
η_{s}	198 %	142 %
Prated	6.6 kW	6 kW
SCOP	5.02	3.61
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = +2°C	6.6 kW	6 kW
COP Tj = +2°C	3.32	1.87
Cdh Tj = +2 °C	0.99	1
Pdh Tj = $+7^{\circ}$ C	4.2 kW	3.9 kW
COP Tj = +7°C	4.12	2.89
Cdh Tj = +7 °C	0.98	0.99
Pdh Tj = 12°C	2 kW	1.9 kW
COP Tj = 12°C	6.45	5.01
Cdh Tj = +12 °C	0.95	0.96





Pdh Tj = Tbiv	6.6 kW	6 kW
COP Tj = Tbiv	3.32	1.87
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.6 kW	6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.32	1.87
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.992	0.995
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	1757 kWh	2218 kWh

Average Climate

EN 12102-1		
	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





	Low temperature	Medium temperature
η_{s}	187 %	133 %
Prated	6.6 kW	6 kW
SCOP	4.74	3.41
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7° C	5.8 kW	5.3 kW
COP Tj = -7° C	3.02	2.04
Cdh Tj = -7 °C	0.99	0.99
Pdh Tj = $+2$ °C	3.6 kW	3.2 kW
COP Tj = +2°C	4.56	3.33
Cdh Tj = $+2$ °C	0.98	0.98
Pdh Tj = $+7^{\circ}$ C	2.8 kW	2.6 kW
$COP Tj = +7^{\circ}C$	6.36	4.48
Cdh Tj = $+7$ °C	0.97	0.97
Pdh Tj = 12°C	2.6 kW	2.6 kW
COP Tj = 12°C	8.39	6.34
Cdh Tj = +12 °C	0.95	0.96
Pdh Tj = Tbiv	5.8 kW	5.3 kW
COP Tj = Tbiv	3.02	2.04
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.48 kW	5.09 kW





COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.66	1.9
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.994
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	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	1.12 kW	0.91 kW
Annual energy consumption Qhe	2876 kWh	3638 kWh

Domestic Hot Water (DHW)

EN 16147	
Declared load profile	L
Efficiency ηDHW	173 %
СОР	4.13
Heating up time	2:00 h:min
Standby power input	22 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	278



Average Climate

EN 16147	
Declared load profile	L
Efficiency ηDHW	148 %
СОР	3.55
Heating up time	2:33 h:min
Standby power input	26 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	278



Model: SUZ-SWM60VA + ERSD-M*D

Configure model		
Model name	SUZ-SWM60VA + 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	6 kW	6 kW
El input	1.24 kW	2.07 kW
СОР	4.86	2.9

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



EN 12102-1			
	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		
	Low temperature	Medium temperature
η_{s}	198 %	142 %
Prated	6.6 kW	6 kW
SCOP	5.02	3.61
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = +2°C	6.6 kW	6 kW
COP Tj = +2°C	3.32	1.87
Cdh Tj = +2 °C	0.99	1
Pdh Tj = $+7^{\circ}$ C	4.2 kW	3.9 kW
COP Tj = +7°C	4.12	2.89
Cdh Tj = +7 °C	0.98	0.99
Pdh Tj = 12°C	2 kW	1.9 kW
COP Tj = 12°C	6.45	5.01
Cdh Tj = +12 °C	0.95	0.96



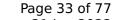


Pdh Tj = Tbiv	6.6 kW	6 kW
COP Tj = Tbiv	3.32	1.87
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.6 kW	6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.32	1.87
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.992	0.995
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	1757 kWh	2218 kWh

Average Climate

EN 12102-1			
	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





	Low temperature	Medium temperature
η_{s}	187 %	133 %
Prated	6.6 kW	6 kW
SCOP	4.74	3.41
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7° C	5.8 kW	5.3 kW
COP Tj = -7° C	3.02	2.04
Cdh Tj = -7 °C	0.99	0.99
Pdh Tj = $+2$ °C	3.6 kW	3.2 kW
COP Tj = +2°C	4.56	3.33
Cdh Tj = $+2$ °C	0.98	0.98
Pdh Tj = $+7^{\circ}$ C	2.8 kW	2.6 kW
$COP Tj = +7^{\circ}C$	6.36	4.48
Cdh Tj = $+7$ °C	0.97	0.97
Pdh Tj = 12°C	2.6 kW	2.6 kW
COP Tj = 12°C	8.39	6.34
Cdh Tj = +12 °C	0.95	0.96
Pdh Tj = Tbiv	5.8 kW	5.3 kW
COP Tj = Tbiv	3.02	2.04
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.48 kW	5.09 kW



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COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.66	1.9
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.994
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.12 kW	0.91 kW
Annual energy consumption Qhe	2876 kWh	3638 kWh



Model: SUZ-SWM60VA + ERSD-*M*D

Configure model		
Model name	SUZ-SWM60VA + ERSD-*M*D	
Application	Heating (medium temp)	
nits 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	6 kW	6 kW	
El input	1.24 kW	2.07 kW	
СОР	4.86	2.9	

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



EN 12102-1		
	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		
	Low temperature	Medium temperature
η_{s}	198 %	142 %
Prated	6.6 kW	6 kW
SCOP	5.02	3.61
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = $+2$ °C	6.6 kW	6 kW
COP Tj = +2°C	3.32	1.87
Cdh Tj = +2 °C	0.99	1
Pdh Tj = $+7$ °C	4.2 kW	3.9 kW
$COPTj = +7^{\circ}C$	4.12	2.89
Cdh Tj = +7 °C	0.98	0.99
Pdh Tj = 12°C	2 kW	1.9 kW
COP Tj = 12°C	6.45	5.01
Cdh Tj = +12 °C	0.95	0.96



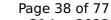


Pdh Tj = Tbiv	6.6 kW	6 kW
COP Tj = Tbiv	3.32	1.87
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.6 kW	6 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.32	1.87
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.992	0.995
WTOL	60 °C	60 °C
Poff	15 W	15 W
PTO	15 W	15 W
PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0 kW	0 kW
Annual energy consumption Qhe	1757 kWh	2218 kWh

Average Climate

EN 12102-1		
	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





	Low temperature	Medium temperature
η_{s}	187 %	133 %
Prated	6.6 kW	6 kW
SCOP	4.74	3.41
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7° C	5.8 kW	5.3 kW
COP Tj = -7° C	3.02	2.04
Cdh Tj = -7 °C	0.99	0.99
Pdh Tj = $+2$ °C	3.6 kW	3.2 kW
COP Tj = +2°C	4.56	3.33
Cdh Tj = +2 °C	0.98	0.98
Pdh Tj = $+7^{\circ}$ C	2.8 kW	2.6 kW
$COP Tj = +7^{\circ}C$	6.36	4.48
Cdh Tj = $+7$ °C	0.97	0.97
Pdh Tj = 12°C	2.6 kW	2.6 kW
COP Tj = 12°C	8.39	6.34
Cdh Tj = +12 °C	0.95	0.96
Pdh Tj = Tbiv	5.8 kW	5.3 kW
COP Tj = Tbiv	3.02	2.04
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.48 kW	5.09 kW



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COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.66	1.9
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	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	1.12 kW	0.91 kW
Annual energy consumption Qhe	2876 kWh	3638 kWh



Model: SUZ-SWM80VA + EHST20D-M*D

Configure model		
Model name	SUZ-SWM80VA + 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	7.5 kW	7.5 kW
El input	1.6 kW	2.68 kW
СОР	4.7	2.8

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



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	135 %
Prated	7.10 kW	7.10 kW
SCOP	4.73	3.46
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = +2°C	7.10 kW	7.10 kW
COP Tj = +2°C	3.30	1.76
Cdh Tj = +2 °C	0.990	1.000
Pdh Tj = $+7^{\circ}$ C	4.60 kW	4.60 kW
$COP Tj = +7^{\circ}C$	4.02	2.79
Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	2.00 kW	2.00 kW
COP Tj = 12°C	6.25	5.00
Cdh Tj = +12 °C	0.950	0.960





Pdh Tj = Tbiv	7.10 kW	7.10 kW
COP Tj = Tbiv	3.30	1.76
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.10 kW	7.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.30	1.76
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.996
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2005 kWh	2743 kWh

Average Climate

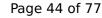
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825





	Low temperature	Medium temperature
ης	182 %	131 %
Prated	7.1 kW	7.1 kW
SCOP	4.62	3.35
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7° C	6.3 kW	6.3 kW
COP Tj = -7° C	2.95	2
Cdh Tj = -7 °C	0.99	1
Pdh Tj = $+2$ °C	3.8 kW	3.8 kW
COP Tj = +2°C	4.57	3.39
Cdh Tj = +2 °C	0.98	0.99
Pdh Tj = $+7^{\circ}$ C	2.7 kW	2.5 kW
$COP Tj = +7^{\circ}C$	6.14	4.24
Cdh Tj = $+7$ °C	0.97	0.98
Pdh Tj = 12°C	2.6 kW	2.6 kW
COP Tj = 12°C	8.39	6.34
Cdh Tj = +12 °C	0.95	0.96
Pdh Tj = Tbiv	6.3 kW	6.3 kW
COP Tj = Tbiv	2.95	2
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.95 kW	5.95 kW





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This information was	generated by the	HP KEYMARK	database on 2	21 Jun 2022

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.64	1.92
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.995
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.15 kW	1.15 kW
Annual energy consumption Qhe	3175 kWh	4378 kWh

Domestic Hot Water (DHW)

EN 16147		
Declared load profile	L	
Efficiency ηDHW	173 %	
СОР	4.13	
Heating up time	2:00 h:min	
Standby power input	22 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	278	



Average Climate

EN 16147		
Declared load profile	L	
Efficiency ηDHW	148 %	
СОР	3.55	
Heating up time	2:33 h:min	
Standby power input	26 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	278	



Model: SUZ-SWM80VA + EHST20D-*M*D

Configure model		
Model name	SUZ-SWM80VA + 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	7.5 kW	7.5 kW	
El input	1.6 kW	2.68 kW	
СОР	4.7	2.8	

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



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	135 %
Prated	7.10 kW	7.10 kW
SCOP	4.73	3.46
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = +2°C	7.10 kW	7.10 kW
COP Tj = +2°C	3.30	1.76
Cdh Tj = +2 °C	0.990	1.000
Pdh Tj = $+7^{\circ}$ C	4.60 kW	4.60 kW
$COP Tj = +7^{\circ}C$	4.02	2.79
Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	2.00 kW	2.00 kW
COP Tj = 12°C	6.25	5.00
Cdh Tj = +12 °C	0.950	0.960





	1	
Pdh Tj = Tbiv	7.10 kW	7.10 kW
COP Tj = Tbiv	3.30	1.76
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.10 kW	7.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.30	1.76
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.996
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	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	0.00 kW	0.00 kW
Annual energy consumption Qhe	2005 kWh	2743 kWh

Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825





	Low temperature	Medium temperature
η_{s}	182 %	131 %
Prated	7.1 kW	7.1 kW
SCOP	4.62	3.35
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7°C	6.3 kW	6.3 kW
$COPTj = -7^{\circ}C$	2.95	2
Cdh Tj = -7 °C	0.99	1
Pdh Tj = +2°C	3.8 kW	3.8 kW
COP Tj = +2°C	4.57	3.39
Cdh Tj = +2 °C	0.98	0.99
Pdh Tj = +7°C	2.7 kW	2.5 kW
$COP Tj = +7^{\circ}C$	6.14	4.24
Cdh Tj = +7 °C	0.97	0.98
Pdh Tj = 12°C	2.6 kW	2.6 kW
COP Tj = 12°C	8.39	6.34
Cdh Tj = +12 °C	0.95	0.96
Pdh Tj = Tbiv	6.3 kW	6.3 kW
COP Tj = Tbiv	2.95	2
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.95 kW	5.95 kW





COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.64	1.92
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.995
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.15 kW	1.15 kW
Annual energy consumption Qhe	3175 kWh	4378 kWh

Domestic Hot Water (DHW)

EN 16147		
Declared load profile	L	
Efficiency ηDHW	173 %	
СОР	4.13	
Heating up time	2:00 h:min	
Standby power input	22 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	278	



Average Climate

EN 16147		
Declared load profile	L	
Efficiency ηDHW	148 %	
СОР	3.55	
Heating up time	2:33 h:min	
Standby power input	26 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	278	



Model: SUZ-SWM80VA + EHSD-M*D

Configure model		
Model name	SUZ-SWM80VA + 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	7.5 kW	7.5 kW
El input	1.6 kW	2.68 kW
СОР	4.7	2.8

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



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	135 %
Prated	7.10 kW	7.10 kW
SCOP	4.73	3.46
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = +2°C	7.10 kW	7.10 kW
COP Tj = +2°C	3.30	1.76
Cdh Tj = +2 °C	0.990	1.000
Pdh Tj = +7°C	4.60 kW	4.60 kW
COP Tj = +7°C	4.02	2.79
Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	2.00 kW	2.00 kW
COP Tj = 12°C	6.25	5.00
Cdh Tj = +12 °C	0.950	0.960



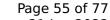


	1	
Pdh Tj = Tbiv	7.10 kW	7.10 kW
COP Tj = Tbiv	3.30	1.76
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.10 kW	7.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.30	1.76
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.996
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2005 kWh	2743 kWh

Average Climate

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	41 dB(A)	41 dB(A)	
Sound power level outdoor	62 dB(A)	62 dB(A)	

EN 14825





	Low temperature	Medium temperature
ης	182 %	131 %
Prated	7.1 kW	7.1 kW
SCOP	4.62	3.35
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7° C	6.3 kW	6.3 kW
COP Tj = -7° C	2.95	2
Cdh Tj = -7 °C	0.99	1
Pdh Tj = $+2$ °C	3.8 kW	3.8 kW
COP Tj = +2°C	4.57	3.39
Cdh Tj = +2 °C	0.98	0.99
Pdh Tj = $+7^{\circ}$ C	2.7 kW	2.5 kW
$COP Tj = +7^{\circ}C$	6.14	4.24
Cdh Tj = $+7$ °C	0.97	0.98
Pdh Tj = 12°C	2.6 kW	2.6 kW
COP Tj = 12°C	8.39	6.34
Cdh Tj = +12 °C	0.95	0.96
Pdh Tj = Tbiv	6.3 kW	6.3 kW
COP Tj = Tbiv	2.95	2
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.95 kW	5.95 kW



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COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.64	1.92
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.995
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.15 kW	1.15 kW
Annual energy consumption Qhe	3175 kWh	4378 kWh



Model: SUZ-SWM80VA + EHSD-*M*D

Configure model		
Model name	SUZ-SWM80VA + 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

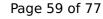
EN 14511-2			
Low temperature Medium temperature			
Heat output	7.5 kW	7.5 kW	
El input	1.6 kW	2.68 kW	
СОР	4.7	2.8	

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



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	135 %
Prated	7.10 kW	7.10 kW
SCOP	4.73	3.46
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = +2°C	7.10 kW	7.10 kW
COP Tj = +2°C	3.30	1.76
Cdh Tj = +2 °C	0.990	1.000
Pdh Tj = +7°C	4.60 kW	4.60 kW
COP Tj = +7°C	4.02	2.79
Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	2.00 kW	2.00 kW
COP Tj = 12°C	6.25	5.00
Cdh Tj = +12 °C	0.950	0.960





	1	
Pdh Tj = Tbiv	7.10 kW	7.10 kW
COP Tj = Tbiv	3.30	1.76
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.10 kW	7.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.30	1.76
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.996
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	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	0.00 kW	0.00 kW
Annual energy consumption Qhe	2005 kWh	2743 kWh

Average Climate

EN 12102-1				
Low temperature Medium temperature				
Sound power level indoor	41 dB(A)	41 dB(A)		
Sound power level outdoor	62 dB(A)	62 dB(A)		

EN 14825





	Low temperature	Medium temperature
ης	182 %	131 %
Prated	7.1 kW	7.1 kW
SCOP	4.62	3.35
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7° C	6.3 kW	6.3 kW
COP Tj = -7° C	2.95	2
Cdh Tj = -7 °C	0.99	1
Pdh Tj = $+2$ °C	3.8 kW	3.8 kW
COP Tj = +2°C	4.57	3.39
Cdh Tj = +2 °C	0.98	0.99
Pdh Tj = $+7^{\circ}$ C	2.7 kW	2.5 kW
$COP Tj = +7^{\circ}C$	6.14	4.24
Cdh Tj = $+7$ °C	0.97	0.98
Pdh Tj = 12°C	2.6 kW	2.6 kW
COP Tj = 12°C	8.39	6.34
Cdh Tj = +12 °C	0.95	0.96
Pdh Tj = Tbiv	6.3 kW	6.3 kW
COP Tj = Tbiv	2.95	2
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.95 kW	5.95 kW



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COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.64	1.92
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.995
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	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	1.15 kW	1.15 kW
Annual energy consumption Qhe	3175 kWh	4378 kWh



Model: SUZ-SWM80VA + ERST20D-*M*D

Configure model		
Model name	SUZ-SWM80VA + 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	7.5 kW	7.5 kW
El input	1.6 kW	2.68 kW
СОР	4.7	2.8

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



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	191 %	138 %
Prated	7.10 kW	7.10 kW
SCOP	4.85	3.52
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = +2°C	7.10 kW	7.10 kW
COP Tj = +2°C	3.21	1.76
Cdh Tj = +2 °C	0.990	1.000
Pdh Tj = $+7^{\circ}$ C	4.60 kW	4.60 kW
$COP Tj = +7^{\circ}C$	3.97	2.75
Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	2.00 kW	2.00 kW
COP Tj = 12°C	6.25	5.00
Cdh Tj = +12 °C	0.950	0.960



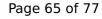


Pdh Tj = Tbiv	7.10 kW	7.10 kW
COP Tj = Tbiv	3.30	1.76
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.10 kW	7.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.30	1.76
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.996
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1954 kWh	2695 kWh

Average Climate

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	41 dB(A)	41 dB(A)	
Sound power level outdoor	62 dB(A)	62 dB(A)	

EN 14825





	Low temperature	Medium temperature
η_{s}	187 %	133 %
Prated	7.1 kW	7.1 kW
SCOP	4.74	3.41
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7° C	6.3 kW	6.3 kW
COP Tj = -7° C	3	2.06
Cdh Tj = -7 °C	0.99	1
Pdh Tj = $+2$ °C	3.8 kW	3.8 kW
COP Tj = +2°C	4.62	3.39
Cdh Tj = $+2$ °C	0.98	0.99
Pdh Tj = $+7^{\circ}$ C	2.7 kW	2.5 kW
$COP Tj = +7^{\circ}C$	6.14	4.24
Cdh Tj = $+7$ °C	0.97	0.98
Pdh Tj = 12°C	2.6 kW	2.6 kW
COP Tj = 12°C	8.39	6.34
Cdh Tj = +12 °C	0.95	0.96
Pdh Tj = Tbiv	6.3 kW	6.3 kW
COP Tj = Tbiv	3	2.06
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.95 kW	5.95 kW





		- 3
This information was generated by	y the HP KEYMARK	database on 21 Jun 2022

COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.64	1.92
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.995
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.15 kW	1.15 kW
Annual energy consumption Qhe	3094 kWh	4301 kWh

Domestic Hot Water (DHW)

EN 16147		
Declared load profile	L	
Efficiency ηDHW	173 %	
СОР	4.13	
Heating up time	2:00 h:min	
Standby power input	22 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	278	



Average Climate

EN 16147		
Declared load profile	L	
Efficiency ηDHW	148 %	
COP	3.55	
Heating up time	2:33 h:min	
Standby power input	26 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	278	



Model: SUZ-SWM80VA + ERSD-M*D

Configure model		
Model name	SUZ-SWM80VA + 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

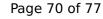
EN 14511-2			
Low temperature Medium temperature			
Heat output	7.5 kW	7.5 kW	
El input	1.6 kW	2.68 kW	
СОР	4.7	2.8	

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



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	191 %	138 %
Prated	7.10 kW	7.10 kW
SCOP	4.85	3.52
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = +2°C	7.10 kW	7.10 kW
COP Tj = +2°C	3.21	1.76
Cdh Tj = +2 °C	0.990	1.000
Pdh Tj = $+7^{\circ}$ C	4.60 kW	4.60 kW
$COP Tj = +7^{\circ}C$	3.97	2.75
Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	2.00 kW	2.00 kW
COP Tj = 12°C	6.25	5.00
Cdh Tj = +12 °C	0.950	0.960



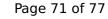


Pdh Tj = Tbiv	7.10 kW	7.10 kW
COP Tj = Tbiv	3.30	1.76
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.10 kW	7.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.30	1.76
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.996
WTOL	60 °C	60 °C
Poff	15 W	15 W
PTO	15 W	15 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1954 kWh	2695 kWh

Average Climate

EN 12102-1				
Low temperature Medium temperature				
Sound power level indoor	41 dB(A)	41 dB(A)		
Sound power level outdoor	62 dB(A)	62 dB(A)		

EN 14825





	Low temperature	Medium temperature
η_{s}	187 %	133 %
Prated	7.1 kW	7.1 kW
SCOP	4.74	3.41
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7° C	6.3 kW	6.3 kW
COP Tj = -7° C	3	2.06
Cdh Tj = -7 °C	0.99	1
Pdh Tj = $+2$ °C	3.8 kW	3.8 kW
COP Tj = +2°C	4.62	3.39
Cdh Tj = $+2$ °C	0.98	0.99
Pdh Tj = $+7^{\circ}$ C	2.7 kW	2.5 kW
$COP Tj = +7^{\circ}C$	6.14	4.24
Cdh Tj = $+7$ °C	0.97	0.98
Pdh Tj = 12°C	2.6 kW	2.6 kW
COP Tj = 12°C	8.39	6.34
Cdh Tj = +12 °C	0.95	0.96
Pdh Tj = Tbiv	6.3 kW	6.3 kW
COP Tj = Tbiv	3	2.06
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.95 kW	5.95 kW



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COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.64	1.92
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.995
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.15 kW	1.15 kW
Annual energy consumption Qhe	3094 kWh	4301 kWh



Model: SUZ-SWM80VA + ERSD-*M*D

Configure model			
Model name	SUZ-SWM80VA + 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	7.5 kW	7.5 kW		
El input	1.6 kW	2.68 kW		
СОР	4.7	2.8		

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



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	191 %	138 %
Prated	7.10 kW	7.10 kW
SCOP	4.85	3.52
Tbiv	2 °C	2 °C
TOL	-20 °C	-20 °C
Pdh Tj = +2°C	7.10 kW	7.10 kW
COP Tj = +2°C	3.21	1.76
Cdh Tj = +2 °C	0.990	1.000
Pdh Tj = +7°C	4.60 kW	4.60 kW
COP Tj = +7°C	3.97	2.75
Cdh Tj = +7 °C	0.990	0.990
Pdh Tj = 12°C	2.00 kW	2.00 kW
COP Tj = 12°C	6.25	5.00
Cdh Tj = +12 °C	0.950	0.960



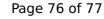


Pdh Tj = Tbiv	7.10 kW	7.10 kW
COP Tj = Tbiv	3.30	1.76
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.10 kW	7.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.30	1.76
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.996
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1954 kWh	2695 kWh

Average Climate

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	41 dB(A)	41 dB(A)	
Sound power level outdoor	62 dB(A)	62 dB(A)	

EN 14825





	Low temperature	Medium temperature
η_{s}	187 %	133 %
Prated	7.1 kW	7.1 kW
SCOP	4.74	3.41
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-20 °C
Pdh Tj = -7° C	6.3 kW	6.3 kW
COP Tj = -7° C	3	2.06
Cdh Tj = -7 °C	0.99	1
Pdh Tj = $+2$ °C	3.8 kW	3.8 kW
$COP Tj = +2^{\circ}C$	4.62	3.39
Cdh Tj = +2 °C	0.98	0.99
Pdh Tj = $+7$ °C	2.7 kW	2.5 kW
$COPTj = +7^{\circ}C$	6.14	4.24
Cdh Tj = $+7$ °C	0.97	0.98
Pdh Tj = 12°C	2.6 kW	2.6 kW
COP Tj = 12°C	8.39	6.34
Cdh Tj = +12 °C	0.95	0.96
Pdh Tj = Tbiv	6.3 kW	6.3 kW
COP Tj = Tbiv	3	2.06
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.95 kW	5.95 kW



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COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.64	1.92
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.993	0.995
WTOL	60 °C	60 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.15 kW	1.15 kW
Annual energy consumption Qhe	3094 kWh	4301 kWh