

Summary of	SWCV 62 Inverter	Reg. No.	041-K001-12	
Certificate Holder				
Name	ait-deutschland GmbH			
Address	Industriestr. 3	Zip	95359	
City	Kasendorf	Country	Germany	
Certification Body	BRE Global Limited	BRE Global Limited		
Subtype title	SWCV 62 Inverter	SWCV 62 Inverter		
Heat Pump Type	Brine/Water	Brine/Water		
Refrigerant	R407c	R407c		
Mass Of Refrigerant	1.16 kg	1.16 kg		
Certification Date	12.05.2017	12.05.2017		
Testing basis	HP Keymark Scheme Tra	HP Keymark Scheme Transition Rules		

Model: SWCV 62(H)(K)3

General Data	
Power supply	3x400V 50Hz

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	3.32 kW	2.95 kW	
El input	0.68 kW	0.94 kW	
СОР	4.86	3.13	

EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	

Average Climate

EN 12102-1			
Low temperature Medium temperature			
Sound power level indoor	44 dB(A)	44 dB(A)	





EN 14825

	Low temperature	Medium temperature
η_{s}	199 %	150 %
Prated	5.50 kW	5.50 kW
SCOP	5.18	3.95
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.00 kW	5.00 kW
COP Tj = -7°C	4.37	3.06
Cdh	1.00	1.00
Pdh Tj = +2°C	3.10 kW	3.00 kW
COP Tj = +2°C	5.24	3.97
Cdh	1.00	1.00
Pdh Tj = +7°C	2.00 kW	2.00 kW
COP Tj = +7°C	5.92	4.63
Cdh	1.00	1.00
Pdh Tj = 12°C	1.30 kW	1.20 kW
COP Tj = 12°C	5.95	4.86
Cdh	0.96	0.96
Pdh Tj = Tbiv	5.40 kW	5.40 kW
COP Tj = Tbiv	4.15	2.84



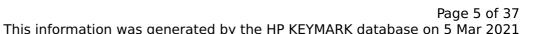


Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.40 kW	5.40 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.15	2.84
Cdh	1.00	1.00
WTOL	65 °C	65 °C
Poff	2 W	2 W
РТО	7 W	7 W
PSB	7 W	7 W
PCK	9 W	9 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2192 kWh	2878 kWh

Warmer Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{S}	202 %	151 %
Prated	5.50 kW	5.50 kW





This information was generated by the HP KEYMARK database on 5 Mar 202			
SCOP	5.24	3.97	
Tbiv	2 °C	2 °C	
TOL	2 °C	2 °C	
Pdh Tj = +2°C	5.40 kW	5.40 kW	
COP Tj = +2°C	4.15	2.84	
Cdh	1.00	1.00	
Pdh Tj = +7°C	3.60 kW	3.60 kW	
COP Tj = +7°C	5.00	3.59	
Cdh	1.00	1.00	
Pdh Tj = 12°C	1.70 kW	1.70 kW	
COP Tj = 12°C	6.15	4.86	
Cdh	1.00	1.00	
Pdh Tj = Tbiv	5.40 kW	5.40 kW	
COP Tj = Tbiv	4.15	2.84	
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.40 kW	5.40 kW	
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.15	2.84	
Cdh	1.00	1.00	
WTOL	65 °C	65 °C	
Poff	2 W	2 W	
РТО	7 W	7 W	
PSB	7 W	7 W	





PCK	9 W	9 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1402 kWh	1851 kWh

Colder Climate

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	44 dB(A)	44 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{S}	211 %	157 %
Prated	5.50 kW	5.50 kW
SCOP	5.46	4.12
Tbiv	-22 °C	-22 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	3.40 kW	3.40 kW
COP Tj = -7°C	5.17	3.77
Cdh	1.00	1.00
Pdh Tj = $+2$ °C	2.10 kW	2.10 kW





This information was gener	acea by the Thi RETI-II	ANN database on 5 Mai 202
COP Tj = +2°C	5.91	4.51
Cdh	1.00	1.00
Pdh Tj = +7°C	1.40 kW	1.40 kW
$COP Tj = +7^{\circ}C$	6.36	5.12
Cdh	1.00	1.00
Pdh Tj = 12°C	1.30 kW	1.20 kW
COP Tj = 12°C	5.54	4.81
Cdh	0.96	0.96
Pdh Tj = Tbiv	5.40 kW	5.40 kW
COP Tj = Tbiv	4.15	2.84
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.40 kW	5.40 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.15	2.84
Cdh	1.00	1.00
WTOL	65 °C	65 °C
Poff	2 W	2 W
РТО	7 W	7 W
PSB	7 W	7 W
PCK	9 W	9 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2482 kWh	3288 kWh



Model: SWCV 62H1

General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	3.32 kW	2.95 kW
El input	0.68 kW	0.94 kW
СОР	4.86	3.13

EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	

Average Climate

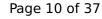
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)





EN 14825

	Low temperature	Medium temperature
η_{s}	199 %	150 %
Prated	5.50 kW	5.50 kW
SCOP	5.18	3.95
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
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COP Tj = -7°C	4.37	3.06
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Pdh Tj = +2°C	3.10 kW	3.00 kW
COP Tj = +2°C	5.24	3.97
Cdh	1.00	1.00
Pdh Tj = +7°C	2.00 kW	2.00 kW
COP Tj = +7°C	5.92	4.63
Cdh	1.00	1.00
Pdh Tj = 12°C	1.30 kW	1.20 kW
COP Tj = 12°C	5.95	4.86
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Pdh Tj = Tbiv	5.40 kW	5.40 kW
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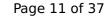


Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.40 kW	5.40 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.15	2.84
Cdh	1.00	1.00
WTOL	65 °C	65 °C
Poff	2 W	2 W
PTO	7 W	7 W
PSB	7 W	7 W
PCK	9 W	9 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2192 kWh	2878 kWh

Warmer Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_s	202 %	151 %
Prated	5.50 kW	5.50 kW





	THE GALADASE OIL 2 MAI 2021
5.24	3.97
2 °C	2 °C
2 °C	2 °C
5.40 kW	5.40 kW
4.15	2.84
1.00	1.00
3.60 kW	3.60 kW
5.00	3.59
1.00	1.00
1.70 kW	1.70 kW
6.15	4.86
1.00	1.00
5.40 kW	5.40 kW
4.15	2.84
5.40 kW	5.40 kW
4.15	2.84
1.00	1.00
65 °C	65 °C
2 W	2 W
7 W	7 W
7 W	7 W
	5.24 2 °C 2 °C 5.40 kW 4.15 1.00 3.60 kW 5.00 1.70 kW 6.15 1.00 5.40 kW 4.15 1.00 5.40 kW 4.15 7 W





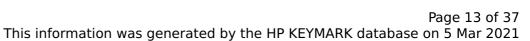
$$\operatorname{\textit{Page}}\ 12$ of 37$$ This information was generated by the HP KEYMARK database on 5 Mar 2021

PCK	9 W	9 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1402 kWh	1851 kWh

Colder Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{S}	211 %	157 %
Prated	5.50 kW	5.50 kW
SCOP	5.46	4.12
Tbiv	-22 °C	-22 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7° C	3.40 kW	3.40 kW
COP Tj = -7°C	5.17	3.77
Cdh	1.00	1.00
Pdh Tj = $+2$ °C	2.10 kW	2.10 kW





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COP Tj = +2°C	5.91	4.51
Cdh	1.00	1.00
Pdh Tj = $+7^{\circ}$ C	1.40 kW	1.40 kW
COP Tj = +7°C	6.36	5.12
Cdh	1.00	1.00
Pdh Tj = 12°C	1.30 kW	1.20 kW
COP Tj = 12°C	5.54	4.81
Cdh	0.96	0.96
Pdh Tj = Tbiv	5.40 kW	5.40 kW
COP Tj = Tbiv	4.15	2.84
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.40 kW	5.40 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.15	2.84
Cdh	1.00	1.00
WTOL	65 °C	65 °C
Poff	2 W	2 W
РТО	7 W	7 W
PSB	7 W	7 W
PCK	9 W	9 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2482 kWh	3288 kWh



Model: WZSV 62(H)(K)3M

General Data		
Power supply	3x230V 50Hz	

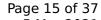
Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	3.32 kW	2.95 kW	
El input	0.68 kW	0.94 kW	
СОР	4.86	3.13	

EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	

Average Climate

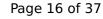
EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	44 dB(A)	44 dB(A)	





EN 14825

	Low temperature	Medium temperature
η_{s}	199 %	150 %
Prated	5.50 kW	5.50 kW
SCOP	5.18	3.95
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.00 kW	5.00 kW
COP Tj = -7°C	4.37	3.06
Cdh	1.00	1.00
Pdh Tj = +2°C	3.10 kW	3.00 kW
COP Tj = +2°C	5.24	3.97
Cdh	1.00	1.00
Pdh Tj = +7°C	2.00 kW	2.00 kW
COP Tj = +7°C	5.92	4.63
Cdh	1.00	1.00
Pdh Tj = 12°C	1.30 kW	1.20 kW
COP Tj = 12°C	5.95	4.86
Cdh	0.96	0.96
Pdh Tj = Tbiv	5.40 kW	5.40 kW
COP Tj = Tbiv	4.15	2.84



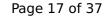


Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.40 kW	5.40 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.15	2.84
Cdh	1.00	1.00
WTOL	65 °C	65 °C
Poff	2 W	2 W
РТО	7 W	7 W
PSB	7 W	7 W
PCK	9 W	9 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2192 kWh	2878 kWh

Warmer Climate

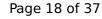
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)

EN 14825			
		Low temperature	Medium temperature
η_{s}		202 %	151 %
Prated		5.50 kW	5.50 kW
			1





	THE GALADASE OIL 2 MAI 2021
5.24	3.97
2 °C	2 °C
2 °C	2 °C
5.40 kW	5.40 kW
4.15	2.84
1.00	1.00
3.60 kW	3.60 kW
5.00	3.59
1.00	1.00
1.70 kW	1.70 kW
6.15	4.86
1.00	1.00
5.40 kW	5.40 kW
4.15	2.84
5.40 kW	5.40 kW
4.15	2.84
1.00	1.00
65 °C	65 °C
2 W	2 W
7 W	7 W
7 W	7 W
	5.24 2 °C 2 °C 5.40 kW 4.15 1.00 3.60 kW 5.00 1.70 kW 6.15 1.00 5.40 kW 4.15 1.00 5.40 kW 4.15 7 W





PCK	9 W	9 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1402 kWh	1851 kWh

Colder Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{S}	211 %	157 %
Prated	5.50 kW	5.50 kW
SCOP	5.46	4.12
Tbiv	-22 °C	-22 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	3.40 kW	3.40 kW
COP Tj = -7°C	5.17	3.77
Cdh	1.00	1.00
Pdh Tj = $+2$ °C	2.10 kW	2.10 kW





 $$\operatorname{\textit{Page}}\ 19$ of 37$$ This information was generated by the HP KEYMARK database on 5 Mar 2021

$COP Tj = +2^{\circ}C$	5.91	4.51
Cdh	1.00	1.00
Pdh Tj = $+7^{\circ}$ C	1.40 kW	1.40 kW
$COP Tj = +7^{\circ}C$	6.36	5.12
Cdh	1.00	1.00
Pdh Tj = 12°C	1.30 kW	1.20 kW
COP Tj = 12°C	5.54	4.81
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COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.15	2.84
Cdh	1.00	1.00
WTOL	65 °C	65 °C
Poff	2 W	2 W
РТО	7 W	7 W
PSB	7 W	7 W
PCK	9 W	9 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2482 kWh	3288 kWh

Model: PWZSV 62H3S

General Data	
Power supply	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	3.32 kW	2.95 kW
El input	0.68 kW	0.94 kW
СОР	4.86	3.13

EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	

Average Climate

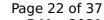
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)





EN 14825

	Low temperature	Medium temperature
η_{s}	199 %	150 %
Prated	5.50 kW	5.50 kW
SCOP	5.18	3.95
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COP Tj = +7°C	5.92	4.63
Cdh	1.00	1.00
Pdh Tj = 12°C	1.30 kW	1.20 kW
COP Tj = 12°C	5.95	4.86
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Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.40 kW	5.40 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.15	2.84
Cdh	1.00	1.00
WTOL	65 °C	65 °C
Poff	2 W	2 W
РТО	7 W	7 W
PSB	7 W	7 W
PCK	9 W	9 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2192 kWh	2878 kWh

Warmer Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_s	202 %	151 %
Prated	5.50 kW	5.50 kW





	THE GALADASE OIL 2 MAI 2021
5.24	3.97
2 °C	2 °C
2 °C	2 °C
5.40 kW	5.40 kW
4.15	2.84
1.00	1.00
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5.40 kW	5.40 kW
4.15	2.84
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4.15	2.84
1.00	1.00
65 °C	65 °C
2 W	2 W
7 W	7 W
7 W	7 W
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 $$\operatorname{\textit{Page}}\xspace$ 24 of 37 This information was generated by the HP KEYMARK database on 5 Mar 2021

PCK	9 W	9 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1402 kWh	1851 kWh

Colder Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{S}	211 %	157 %
Prated	5.50 kW	5.50 kW
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COP Tj = -7°C	5.17	3.77
Cdh	1.00	1.00
Pdh Tj = $+2$ °C	2.10 kW	2.10 kW





This information was gener	accuby the Hi KETMA	TIN database on 5 Mai 2021
COP Tj = +2°C	5.91	4.51
Cdh	1.00	1.00
Pdh Tj = +7°C	1.40 kW	1.40 kW
$COPTj = +7^{\circ}C$	6.36	5.12
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Cdh	1.00	1.00
WTOL	65 °C	65 °C
Poff	2 W	2 W
РТО	7 W	7 W
PSB	7 W	7 W
PCK	9 W	9 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2482 kWh	3288 kWh



Model: PWZSV 62H2S

	General Data	
Power supply	3x230V 50Hz	

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	3.32 kW	2.95 kW	
El input	0.68 kW	0.94 kW	
СОР	4.86	3.13	

EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	

Average Climate

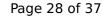
EN 12102-1			
Low temperature Medium temperature			
Sound power level indoor	44 dB(A)	44 dB(A)	





EN 14825

	Low temperature	Medium temperature
η_{s}	199 %	150 %
Prated	5.50 kW	5.50 kW
SCOP	5.18	3.95
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.00 kW	5.00 kW
COP Tj = -7°C	4.37	3.06
Cdh	1.00	1.00
Pdh Tj = +2°C	3.10 kW	3.00 kW
COP Tj = +2°C	5.24	3.97
Cdh	1.00	1.00
Pdh Tj = +7°C	2.00 kW	2.00 kW
COP Tj = +7°C	5.92	4.63
Cdh	1.00	1.00
Pdh Tj = 12°C	1.30 kW	1.20 kW
COP Tj = 12°C	5.95	4.86
Cdh	0.96	0.96
Pdh Tj = Tbiv	5.40 kW	5.40 kW
COP Tj = Tbiv	4.15	2.84





Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.40 kW	5.40 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.15	2.84
Cdh	1.00	1.00
WTOL	65 °C	65 °C
Poff	2 W	2 W
РТО	7 W	7 W
PSB	7 W	7 W
PCK	9 W	9 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2192 kWh	2878 kWh

Warmer Climate

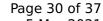
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{S}	202 %	151 %
Prated	5.50 kW	5.50 kW





	THE GALADASE OIL 2 MAI 2021
5.24	3.97
2 °C	2 °C
2 °C	2 °C
5.40 kW	5.40 kW
4.15	2.84
1.00	1.00
3.60 kW	3.60 kW
5.00	3.59
1.00	1.00
1.70 kW	1.70 kW
6.15	4.86
1.00	1.00
5.40 kW	5.40 kW
4.15	2.84
5.40 kW	5.40 kW
4.15	2.84
1.00	1.00
65 °C	65 °C
2 W	2 W
7 W	7 W
7 W	7 W
	5.24 2 °C 2 °C 5.40 kW 4.15 1.00 3.60 kW 5.00 1.70 kW 6.15 1.00 5.40 kW 4.15 1.00 5.40 kW 4.15 7 W



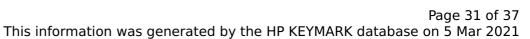


PCK	9 W	9 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1402 kWh	1851 kWh

Colder Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	211 %	157 %
Prated	5.50 kW	5.50 kW
SCOP	5.46	4.12
Tbiv	-22 °C	-22 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	3.40 kW	3.40 kW
COP Tj = -7°C	5.17	3.77
Cdh	1.00	1.00
Pdh Tj = +2°C	2.10 kW	2.10 kW





This information was gene	acca by the Hi KETMA	ANN database on 5 Mai 202
$COP Tj = +2^{\circ}C$	5.91	4.51
Cdh	1.00	1.00
Pdh Tj = +7°C	1.40 kW	1.40 kW
$COP Tj = +7^{\circ}C$	6.36	5.12
Cdh	1.00	1.00
Pdh Tj = 12°C	1.30 kW	1.20 kW
COP Tj = 12°C	5.54	4.81
Cdh	0.96	0.96
Pdh Tj = Tbiv	5.40 kW	5.40 kW
COP Tj = Tbiv	4.15	2.84
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.40 kW	5.40 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.15	2.84
Cdh	1.00	1.00
WTOL	65 °C	65 °C
Poff	2 W	2 W
РТО	7 W	7 W
PSB	7 W	7 W
PCK	9 W	9 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2482 kWh	3288 kWh

Model: PWZSV 62H1S

General Data	
Power supply 1x230V 50Hz	

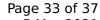
Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	3.32 kW	2.95 kW
El input	0.68 kW	0.94 kW
СОР	4.86	3.13

EN 14511-4		
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed	
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	

Average Climate

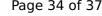
EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)





EN 14825

	Low temperature	Medium temperature
η_{s}	199 %	150 %
Prated	5.50 kW	5.50 kW
SCOP	5.18	3.95
Tbiv	-10 °C	-10 °C
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Cdh	1.00	1.00
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Cdh	1.00	1.00
Pdh Tj = 12°C	1.30 kW	1.20 kW
COP Tj = 12°C	5.95	4.86
Cdh	0.96	0.96
Pdh Tj = Tbiv	5.40 kW	5.40 kW
COP Tj = Tbiv	4.15	2.84





 $$\operatorname{\textit{Page}}\ 34\ \text{of}\ 37$$ This information was generated by the HP KEYMARK database on 5 Mar 2021

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.40 kW	5.40 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	4.15	2.84
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WTOL	65 °C	65 °C
Poff	2 W	2 W
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Warmer Climate

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	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	44 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{S}	202 %	151 %
Prated	5.50 kW	5.50 kW
	<u> </u>	I.





	THE GALADASE OIL 2 MAI 2021
5.24	3.97
2 °C	2 °C
2 °C	2 °C
5.40 kW	5.40 kW
4.15	2.84
1.00	1.00
3.60 kW	3.60 kW
5.00	3.59
1.00	1.00
1.70 kW	1.70 kW
6.15	4.86
1.00	1.00
5.40 kW	5.40 kW
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5.40 kW	5.40 kW
4.15	2.84
1.00	1.00
65 °C	65 °C
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7 W	7 W
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	5.24 2 °C 2 °C 5.40 kW 4.15 1.00 3.60 kW 5.00 1.70 kW 6.15 1.00 5.40 kW 4.15 1.00 5.40 kW 4.15 7 W



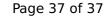


PCK	9 W	9 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1402 kWh	1851 kWh

Colder Climate

EN 12102-1		
	Low temperature	Medium temperature
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Cdh	1.00	1.00
Pdh Tj = +2°C	2.10 kW	2.10 kW





This information was gener	accuby the Hi KETMA	TIN database on 5 Mai 2021
COP Tj = +2°C	5.91	4.51
Cdh	1.00	1.00
Pdh Tj = +7°C	1.40 kW	1.40 kW
$COPTj = +7^{\circ}C$	6.36	5.12
Cdh	1.00	1.00
Pdh Tj = 12°C	1.30 kW	1.20 kW
COP Tj = 12°C	5.54	4.81
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Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.40 kW	5.40 kW
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Cdh	1.00	1.00
WTOL	65 °C	65 °C
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РТО	7 W	7 W
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PCK	9 W	9 W
Supplementary Heater: Type of energy input	electricity	electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2482 kWh	3288 kWh