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Summary of	i-SHWAK V4 08	Reg. No.	ICIM-PDC-000077-00
Certificate Holder			
Name	Advantix S.p.A.		
Address	Via San Giuseppe Lavoratore, 24	Zip	37040
City	Arcole Verona	Country	Italy
Certification Body	ICIM S.p.A.		
Name of testing laboratory	ReLab - Politecnico di Milano		
Subtype title	i-SHWAK V4 08		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410a		
Mass Of Refrigerant	2.2 kg		
Certification Date	26.05.2020		
Testing basis	HP KEYMARK certification scheme rules rev. no. 7		



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Model: i-SHWAK V4 08

General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	8.01 kW	6.89 kW	
El input	1.89 kW	3.09 kW	
СОР	4.24	2.23	
Indoor water flow rate	1.38 m³/h	0.74 m³/h	

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

Average Climate

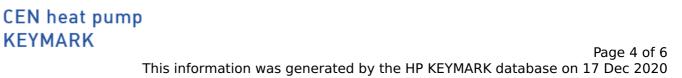


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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	64 dB(A)	64 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	155 %	124 %
Prated	6.00 kW	5.00 kW
SCOP	3.94	3.17
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.50 kW	5.00 kW
COP Tj = -7°C	2.62	1.72
Cdh	1.00	1.00
Pdh Tj = +2°C	3.40 kW	3.30 kW
COP Tj = +2°C	4.19	3.10
Cdh	1.00	1.00
Pdh Tj = +7°C	3.60 kW	4.00 kW
COP Tj = +7°C	4.39	4.42
Cdh	1.00	1.00

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Pdh Tj = 12°C	3.70 kW	4.40 kW
COP Tj = 12°C	5.12	6.18
Cdh	1.00	1.00
Pdh Tj = Tbiv	5.50 kW	5.00 kW
COP Tj = Tbiv	2.62	1.72
Pdh Tj = TOL	5.10 kW	4.40 kW
COP Tj = TOL	2.33	1.44
WTOL	39 °C	39 °C
Poff	0 W	o w
РТО	11 W	11 W
PSB	11 W	11 W
PCK	o w	o w
Supplementary Heater: Type of energy input	0	0
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2216 kWh	2493 kWh

Cooling





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EN 14511-2		
	+7°C/+12°C	
El input	2.11 kW	
Indoor water flow rate	1.05 m³/h	
Cooling capacity	6.12	
EER	2.90	

EN 14825





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This information was generated by the Fill KE	+7°C/+12°C
Pdesignc	6.12 kW
SEER	3.84
Pdc Tj = 35°C	6.12 kW
EER Tj = 35°C	2.90
Pdc Tj = 30°C	4.51 kW
EER Tj = 30°C	3.88
Cdc	1.0
Pdc Tj = 25°C	3.40 kW
EER Tj = 25°C	4.09
Cdc	1.0
Pdc Tj = 20°C	3.68 kW
EER Tj = 20°C	4.92
Cdc	1.0
Poff	12 W
РТО	0 W
PSB	12 W
PCK	0 W
Annual energy consumption Qce	558 kWh