

Page 1 of 6

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Login

Summary of	i-32V5 04	Reg. No.	ICIM-PDC-000103
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.		
Subtype title	i-32V5 04		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	1.5 kg		
Certification Date	07.06.2021		
Testing basis	V9		



Model: i-32V504

Configure model		
Model name i-32V504		
Application	Heating (medium temp)	
Units	Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

	General Data		
Power supply 1x230V 50Hz			

Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	4.76 kW	4.53 kW	
El input	1.00 kW	1.54 kW	
СОР	4.76	2.94	

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 outdoor	57 dB(A)	57 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	179 %	135 %
Prated	4.00 kW	4.00 kW
SCOP	4.56	3.45
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-15 °C
Pdh Tj = -7°C	3.90 kW	3.90 kW
COP Tj = -7°C	3.01	2.26
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	2.40 kW	2.40 kW
COP Tj = +2°C	4.53	3.32
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	2.80 kW	2.80 kW
COP Tj = +7°C	5.57	4.35
Cdh Tj = +7 °C	0.969	0.976
Pdh Tj = 12°C	3.30 kW	3.30 kW

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COP Tj = 12°C	7.01	6.01
Cdh Tj = +12 °C	0.963	0.969
Pdh Tj = Tbiv	3.90 kW	3.90 kW
COP Tj = Tbiv	3.01	2.26
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.80 kW	3.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.77	2.06
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh		
WTOL	60 °C	60 °C
Poff	19 W	19 W
РТО	22 W	22 W
PSB	19 W	19 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.20 kW	0.10 kW
Annual energy consumption Qhe	1988 kWh	2624 kWh

Cooling





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EN 14511-2		
+7°C/+12°C		
El input	1.37 kW	
Cooling capacity	4.33	
EER	3.16	

EN 14825





SEER 4.28 Pdc Tj = 35°C 4.33 kW SEER TJ = 35°C 3.16 Pdc Tj = 30°C 3.16 kW SEER TJ = 30°C 3.85 Cdc 1.000 Pdc Tj = 25°C 2.67 kW SEER TJ = 25°C 4.85 Cdc 1.000 Pdc Tj = 20°C 2.98 kW SEER TJ = 20°C 6.34 Cdc 1.000 Pdc Tj = 20°C 6.34 Cdc 1.000	Inis information was generated by the Hi	
SEER 4.28 Pdc Tj = 35°C 4.33 kW SEER TJ = 35°C 3.16 Pdc Tj = 30°C 3.16 kW SEER TJ = 30°C 3.85 Cdc 1.000 Pdc Tj = 25°C 2.67 kW SEER TJ = 25°C 4.85 Cdc 1.000 Pdc Tj = 20°C 2.98 kW SEER TJ = 20°C 6.34 Cdc 1.000 Pdc Tj = 20°C 6.34 Cdc 1.000		+7°C/+12°C
Pdc Tj = 35°C	Pdesignc	4.33 kW
EER Tj = 35°C 3.16 Pdc Tj = 30°C 3.16 kW EER Tj = 30°C 3.85 Cdc 1.000 Pdc Tj = 25°C 2.67 kW EER Tj = 25°C 4.85 Cdc 1.000 Pdc Tj = 20°C 2.98 kW EER Tj = 20°C 6.34 Cdc 1.000 Poff 19 W Pof De TO 0 W Pof De T	SEER	4.28
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EER Tj = 30°C 3.85 Cdc 1.000 2.67 kW EER Tj = 25°C 4.85 Cdc 1.000 2.98 kW EER Tj = 20°C 6.34 Cdc 1.000 Poff 19 W PTO 0 W PSB 19 W PCK 30 W	EER Tj = 35°C	3.16
1.000	Pdc Tj = 30°C	3.16 kW
Pedc Tj = 25°C 2.67 kW 4.85 Cdc 1.000 Pedc Tj = 20°C 2.98 kW EER Tj = 20°C 6.34 Cdc 1.000 Peff 19 W Pero Pero 19 W Pero 2.67 kW 4.85	EER Tj = 30°C	3.85
EER Tj = 25°C 4.85 Cdc 1.000 Pdc Tj = 20°C 2.98 kW EER Tj = 20°C 6.34 Cdc 1.000 Poff 19 W PTO 0 W PSB 19 W	Cdc	1.000
Cdc 1.000 Pdc Tj = 20°C 2.98 kW EER Tj = 20°C 6.34 Cdc 1.000 Poff 19 W PTO 0 W PSB 19 W PCK 30 W	Pdc Tj = 25°C	2.67 kW
Pdc Tj = 20°C 2.98 kW EER Tj = 20°C 6.34 Cdc 1.000 Poff 19 W PTO 0 W PSB 19 W PCK 30 W	EER Tj = 25°C	4.85
EER Tj = 20°C 6.34 Cdc 1.000 Poff 19 W PTO 0 W PSB 19 W PCK 30 W	Cdc	1.000
Cdc 1.000 Poff 19 W PTO 0 W PSB 19 W PCK 30 W	Pdc Tj = 20°C	2.98 kW
Poff 19 W 0 W PSB 19 W 20 W 2	EER Tj = 20°C	6.34
PTO 0 W 19 W 20 W 2	Cdc	1.000
PSB 19 W 30 W	Poff	19 W
PCK 30 W	РТО	o w
	PSB	19 W
Annual energy consumption Qce 606 kWh	РСК	30 W
	Annual energy consumption Qce	606 kWh