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
COP	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

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

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
PTO	22 W	22 W
PSB	19 W	19 W
PCK	0 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

EN 14511-2

	+7°C/+12°C
El input	1.37 kW
Cooling capacity	4.33
EER	3.16

EN 14825

	+7°C/+12°C
Pdesignc	4.33 kW
SEER	4.28
Pdc Tj = 35°C	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
PTO	0 W
PSB	19 W
PCK	30 W
Annual energy consumption Qce	606 kWh