Login

Summary of	i-32V514	Reg. No.	ICIM-PDC-000075-00
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.		
Subtype title	i-32V514		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	3.6 kg		
Certification Date	26.05.2020		
Testing basis	HP KEYMARK certification scheme rules rev. no. 7		

Model: i-32V514

Configure model	
Model name	i-32V514
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	14.10 kW	13.44 kW
El input	2.91 kW	4.35 kW
COP	4.85	3.09

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 indoor	dB(A)	dB(A)
Sound power level outdoor	66 dB(A)	66 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	176 %	130 %
Prated	12.00 kW	12.00 kW
SCOP	4.48	3.31
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-15 °C
Pdh Tj = -7°C	10.70 kW	10.30 kW
COP Tj = -7°C	2.98	2.10
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	6.50 kW	6.20 kW
COP Tj = +2°C	4.20	3.21
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	5.80 kW	5.70 kW
COP Tj = +7°C	5.98	4.19
Cdh Tj = +7 °C	0.980	0.986

Pdh Tj = 12°C	6.70 kW	6.60 kW
COP Tj = 12°C	8.16	6.17
Cdh Tj = +12 °C	0.977	0.982
Pdh Tj = Tbiv	10.70 kW	10.30 kW
COP Tj = Tbiv	2.98	2.10
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.50 kW	10.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.69	1.96
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	1.50 kW	1.80 kW
Annual energy consumption Qhe	5583 kWh	7259 kWh

Cooling

EN 14511-2

	+7°C/+12°C
El input	3.53 kW
Cooling capacity	11.48
EER	3.25

EN 14825

	+7°C/+12°C
Pdesignc	11.48 kW
SEER	4.77
Pdc Tj = 35°C	11.48 kW
EER Tj = 35°C	3.25
Pdc Tj = 30°C	8.47 kW
EER Tj = 30°C	4.31
Cdc	1.000
Pdc Tj = 25°C	5.41 kW
EER Tj = 25°C	4.91
Cdc	0.983
Pdc Tj = 20°C	5.53 kW
EER Tj = 20°C	6.72
Cdc	0.977
Poff	22 W
PTO	0 W
PSB	28 W
PCK	0 W
Annual energy consumption Qce	1444 kWh

Model: i-32V514T

Configure model	
Model name	i-32V514T
Application	Heating (medium temp)
Units	Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C

General Data	
Power supply	3x400V 50Hz

Heating

EN 14511-2		
	Low temperature	**Medium temperature**
Heat output	14.10 kW	13.44 kW
El input	2.91 kW	4.35 kW
COP	4.85	3.09

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 indoor	dB(A)	dB(A)
Sound power level outdoor	66 dB(A)	66 dB(A)

EN 14825		
	Low temperature	**Medium temperature**
η_s	176 %	130 %
Prated	12.00 kW	12.00 kW
SCOP	4.48	3.31
Tbiv	-7 °C	-7 °C
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Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	5.80 kW	5.70 kW
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COP Tj = 12°C	8.16	6.17
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Pdh Tj = Tbiv	10.70 kW	10.30 kW
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WTOL	60 °C	60 °C
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Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	1.50 kW	1.80 kW
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Cooling

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