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Summary of	i-32V5 MIDI 0121 -0126	Reg. No.	ICIM-PDC-000104		
Certificate Holder					
Name	Advantix S.p.A.				
Address	Via San Giuseppe Lavoratore, 24	Via San Giuseppe Lavoratore, 24 Zip 37040			
City	Arcole Verona	Country	Italy		
Certification Body	ICIM S.p.A.	ICIM S.p.A.			
Subtype title	i-32V5 MIDI 0121 -0126	i-32V5 MIDI 0121 -0126			
Heat Pump Type	Outdoor Air/Water				
Refrigerant	R32				
Mass of Refrigerant	4.3 kg				
Certification Date	07.06.2021				
Testing basis	V9				



Model: i-32V5 MIDI 0121

Configure model		
Model name	i-32V5 MIDI 0121	
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	21.30 kW	19.80 kW
El input	4.92 kW	7.51 kW
СОР	4.33	2.64

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	65 dB(A)	65 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	165 %	122 %
Prated	20.00 kW	19.00 kW
SCOP	4.20	3.14
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-10 °C
Pdh Tj = -7°C	17.30 kW	17.00 kW
COP Tj = -7°C	2.54	1.86
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	10.60 kW	10.50 kW
COP Tj = +2°C	4.24	3.13
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	9.30 kW	9.20 kW
COP Tj = +7°C	5.15	3.94
Cdh Tj = +7 °C	0.992	0.995
Pdh Tj = 12°C	10.90 kW	10.80 kW

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COP Tj = 12°C	7.08	5.51
Cdh Tj = +12 °C	0.990	0.994
Pdh Tj = Tbiv	17.30 kW	17.00 kW
COP Tj = Tbiv	2.54	1.86
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	15.50 kW	15.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.31	1.65
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh		
WTOL	60 °C	60 °C
Poff	22 W	22 W
РТО	22 W	22 W
PSB	22 W	22 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	4.50 kW	3.90 kW
Annual energy consumption Qhe	9608 kWh	12663 kWh

Cooling

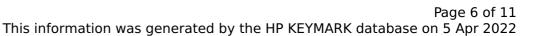
CEN heat pump KEYMARK





EN 14511-2	
+7°C/+12°C	
El input	5.86 kW
Cooling capacity	17.70
EER	3.02

EN 14825





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Pdesignc	17.67 kW
SEER	4.44
Pdc Tj = 35°C	17.70 kW
EER Tj = 35°C	3.02
Pdc Tj = 30°C	12.94 kW
EER Tj = 30°C	4.03
Cdc	1.000
Pdc Tj = 25°C	8.82 kW
EER Tj = 25°C	4.89
Cdc	1.000
Pdc Tj = 20°C	9.53 kW
EER Tj = 20°C	5.94
Cdc	0.900
Poff	22 W
PTO	0 W
PSB	28 W
PCK	0 W
Annual energy consumption Qce	2389 kWh



Model: i-32V5 MIDI 0126

Configure model		
Model name	i-32V5 MIDI 0126	
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	26.00 kW	25.10 kW	
El input	6.44 kW	9.51 kW	
СОР	4.04	2.64	

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

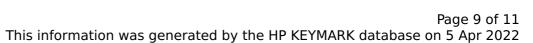
Average Climate



EN 12102-1			
	Low temperature	Medium temperature	
Sound power level outdoor	65 dB(A)	65 dB(A)	

EN 14825		
	Low temperature	Medium temperature
η_{s}	155 %	123 %
Prated	20.00 kW	19.00 kW
SCOP	3.95	3.14
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-10 °C
Pdh Tj = -7°C	17.40 kW	17.00 kW
COP Tj = -7°C	2.49	1.89
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	10.60 kW	10.50 kW
COP Tj = +2°C	3.93	3.09
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	9.30 kW	9.30 kW
COP Tj = +7°C	4.88	4.03
Cdh Tj = +7 °C	0.992	0.993
Pdh Tj = 12°C	10.70 kW	10.90 kW

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COP Tj = 12°C	6.53	5.62
Cdh Tj = +12 °C	0.991	0.992
Pdh Tj = Tbiv	17.40 kW	17.00 kW
COP Tj = Tbiv	2.49	1.89
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	15.40 kW	15.30 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.27	1.68
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh		
WTOL	60 °C	60 °C
Poff	22 W	22 W
РТО	22 W	22 W
PSB	22 W	22 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	4.60 kW	3.70 kW
Annual energy consumption Qhe	10286 kWh	12652 kWh
		

Cooling

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EN 14511-2	
	+7°C/+12°C
El input	6.19 kW
Cooling capacity	18.69
EER	3.02

EN 14825





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Pdesignc	18.69 kW
SEER	4.55
Pdc Tj = 35°C	18.69 kW
EER Tj = 35°C	3.02
Pdc Tj = 30°C	13.69 kW
EER Tj = 30°C	4.15
Cdc	1.000
Pdc Tj = 25°C	9.00 kW
EER Tj = 25°C	5.00
Cdc	0.900
Pdc Tj = 20°C	9.74 kW
EER Tj = 20°C	6.06
Cdc	0.900
Poff	22 W
РТО	o w
PSB	28 W
PCK	o w
Annual energy consumption Qce	2465 kWh