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Summary of	i-32V5 06/08	Reg. No.	ICIM-PDC-000072-00	
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-32V5 06/08			
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R32			
Mass of Refrigerant	1.5 kg			
Certification Date	26.05.2020			
Testing basis	HP KEYMARK certification scheme rules re	ev. no. 7		



Model: i-32V506

Configure model		
Model name	i-32V506	
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	6.08 kW	6.03 kW
El input	1.35 kW	2.14 kW
СОР	4.51	2.82

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

Cooling





EN 14511-2	
+7°C/+12°C	
El input	1.60 kW
Cooling capacity	5.02
EER	3.14

EN 14825





	+7°C/+12°C
Pdesignc	5.02 kW
SEER	4.42
Pdc Tj = 35°C	5.02 kW
EER Tj = 35°C	3.14
Pdc Tj = 30°C	3.70 kW
EER Tj = 30°C	4.03
Cdc	1.000
Pdc Tj = 25°C	2.70 kW
EER Tj = 25°C	4.82
Cdc	0.966
Pdc Tj = 20°C	2.96 kW
EER Tj = 20°C	6.57
Cdc	0.958
Poff	22 W
PTO	0 W
PSB	28 W
PCK	0 W
Annual energy consumption Qce	682 kWh

Average Climate



EN 12102-1		
	Low temperature	Medium temperature
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	175 %	126 %
Prated	7.00 kW	7.00 kW
SCOP	4.46	3.22
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-15 °C
Pdh Tj = -7°C	6.10 kW	5.80 kW
$COPTj = -7^{\circ}C$	2.96	2.08
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	3.70 kW	3.60 kW
COP Tj = +2°C	4.36	3.30
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = $+7$ °C	3.20 kW	3.00 kW
$COP Tj = +7^{\circ}C$	5.56	3.49
Cdh Tj = +7 °C	0.967	0.978
Pdh Tj = 12°C	3.70 kW	3.60 kW



		<u> </u>
COP Tj = 12°C	7.88	6.49
Cdh Tj = +12 °C	0.959	0.966
Pdh Tj = Tbiv	6.10 kW	5.80 kW
COP Tj = Tbiv	2.96	2.08
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.10 kW	6.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.73	1.95
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	0.90 kW	1.00 kW
Annual energy consumption Qhe	3178 kWh	4190 kWh

Model: i-32V508

Configure model		
Model name	i-32V508	
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	7.81 kW	7.55 kW
El input	1.78 kW	2.65 kW
СОР	4.38	2.85

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

Cooling





EN 14511-2		
+7°C/+12°C		
El input	1.99 kW	
Cooling capacity	6.08	
EER	3.05	

EN 14825





	+7°C/+12°C
Pdesignc	6.08 kW
SEER	4.51
Pdc Tj = 35°C	6.08 kW
EER Tj = 35°C	3.05
Pdc Tj = 30°C	4.49 kW
EER Tj = 30°C	4.07
Cdc	0.980
Pdc Tj = 25°C	2.74 kW
EER Tj = 25°C	4.84
Cdc	0.966
Pdc Tj = 20°C	3.02 kW
EER Tj = 20°C	6.70
Cdc	0.958
Poff	22 W
PTO	0 W
PSB	28 W
PCK	0 W
Annual energy consumption Qce	809 kWh

Average Climate

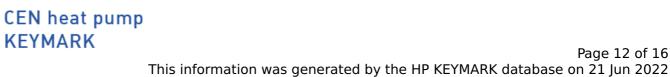


EN 12102-1		
	Low temperature	Medium temperature
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	176 %	128 %
Prated	7.00 kW	7.00 kW
SCOP	4.46	3.27
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-15 °C
Pdh Tj = -7°C	6.50 kW	6.30 kW
COP Tj = -7°C	2.95	1.91
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	4.00 kW	3.80 kW
COP Tj = +2°C	4.37	3.33
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	3.10 kW	3.10 kW
COP Tj = +7°C	5.55	3.90
Cdh Tj = +7 °C	0.966	0.976
Pdh Tj = 12°C	3.70 kW	3.60 kW



COP Tj = 12°C	7.86	6.30
Cdh Tj = +12 °C	0.959	0.967
Pdh Tj = Tbiv	6.50 kW	6.30 kW
COP Tj = Tbiv	2.95	1.91
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.50 kW	6.40 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.70	1.95
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	o w
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.50 kW	0.60 kW
Annual energy consumption Qhe	3411 kWh	4494 kWh



Model: i-32V5SL08

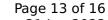
Configure model		
Model name	i-32V5SL08	
Application	Heating (medium temp)	
Units	Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

General Data		
Power supply	1x230V 50Hz	

Cooling

EN 14511-2		
+7°C/+12°C		
El input	1.99 kW	
Cooling capacity	6.08	
EER	3.05	

EN 14825





	+7°C/+12°C
Pdesignc	6.08 kW
SEER	4.51
Pdc Tj = 35°C	6.08 kW
EER Tj = 35°C	3.05
Pdc Tj = 30°C	4.49 kW
EER Tj = 30°C	4.07
Cdc	0.983
Pdc Tj = 25°C	2.74 kW
EER Tj = 25°C	4.84
Cdc	0.966
Pdc Tj = 20°C	3.02 kW
EER Tj = 20°C	6.70
Cdc	0.958
Poff	22 W
РТО	o w
PSB	28 W
PCK	o w
Annual energy consumption Qce	809 kWh

Heating



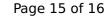
EN 14511-2		
	Low temperature	Medium temperature
Heat output	4.58 kW	4.43 kW
El input	0.98 kW	1.46 kW
СОР	4.67	3.03

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	53 dB(A)	53 dB(A)		

EN 14825			
	Low temperature	Medium temperature	
η_{s}	180 %	131 %	
Prated	7.00 kW	7.00 kW	





SCOP	4.58	3.36
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-15 °C
Pdh Tj = -7°C	6.40 kW	6.20 kW
COP Tj = -7°C	2.97	1.93
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	3.90 kW	3.80 kW
COP Tj = +2°C	4.48	3.42
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = $+7^{\circ}$ C	3.10 kW	3.10 kW
$COP Tj = +7^{\circ}C$	5.80	4.11
Cdh Tj = +7 °C	0.965	0.975
Pdh Tj = 12°C	3.60 kW	3.60 kW
COP Tj = 12°C	7.36	6.46
Cdh Tj = +12 °C	0.958	0.966
Pdh Tj = Tbiv	6.40 kW	6.20 kW
COP Tj = Tbiv	2.97	1.93
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.20 kW	6.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.60	1.88
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh		
WTOL	60 °C	60 °C



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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	0.80 kW	0.90 kW
Annual energy consumption Qhe	3281 kWh	4320 kWh