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Login

Summary of	i-32V5 16/18	Reg. No.	ICIM-PDC-000074-00	
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.	ICIM S.p.A.		
Subtype title	i-32V5 16/18			
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R32			
Mass of Refrigerant	4 kg			
Certification Date	26.05.2020			
Testing basis	HP KEYMARK certification scheme rules rev. no. 7			



Model: i-32V516

Configure model		
Model name	i-32V516	
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	16.30 kW	15.63 kW
El input	3.49 kW	5.18 kW
СОР	4.67	3.02

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



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}	177 %	126 %
Prated	14.00 kW	13.00 kW
SCOP	4.50	3.22
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-15 °C
Pdh Tj = -7°C	12.00 kW	11.50 kW
COP Tj = -7°C	2.88	2.09
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	7.30 kW	6.90 kW
COP Tj = +2°C	4.33	3.06
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	5.70 kW	5.50 kW
COP Tj = +7°C	5.83	4.11
Cdh Tj = +7 °C	0.981	0.986

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Pdh Tj = 12°C	6.70 kW	6.60 kW
COP Tj = 12°C	8.12	6.30
Cdh Tj = +12 °C	0.977	0.982
Pdh Tj = Tbiv	12.00 kW	11.50 kW
COP Tj = Tbiv	2.88	2.09
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.70 kW	11.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.60	1.94
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	2.30 kW	1.50 kW
Annual energy consumption Qhe	6209 kWh	8357 kWh





EN 14511-2	
	+7°C/+12°C
El input	4.38 kW
Cooling capacity	13.80
EER	3.15





This information was generated by the Hir KL	+7°C/+12°C
Pdesignc	13.80 kW
SEER	4.80
Pdc Tj = 35°C	13.80 kW
EER Tj = 35°C	3.15
Pdc Tj = 30°C	10.17 kW
EER Tj = 30°C	4.36
Cdc	1.0
Pdc Tj = 25°C	6.47 kW
EER Tj = 25°C	5.30
Cdc	1.0
Pdc Tj = 20°C	5.53 kW
EER Tj = 20°C	6.67
Cdc	1.0
Poff	19 W
РТО	o w
PSB	19 W
РСК	30 W
Annual energy consumption Qce	1726 kWh

Model: i-32V518T

Configure model		
Model name	i-32V518T	
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	17.90 kW	17.25 kW	
El input	4.07 kW	5.99 kW	
СОР	4.40	2.88	

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



EN 12102-1			
Low temperature Medium temperature			
Sound power level outdoor	66 dB(A)	66 dB(A)	

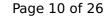
EN 14825		
	Low temperature	Medium temperature
η_{s}	175 %	131 %
Prated	15.00 kW	14.00 kW
SCOP	4.46	3.36
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-15 °C
Pdh Tj = -7°C	12.80 kW	12.50 kW
COP Tj = -7°C	2.83	2.03
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	7.80 kW	7.60 kW
COP Tj = +2°C	4.34	3.34
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	5.80 kW	5.70 kW
COP Tj = +7°C	5.67	4.14
Cdh Tj = +7 °C	0.981	0.990
Pdh Tj = 12°C	6.70 kW	6.60 kW

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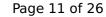


COP Tj = 12°C	7.94	6.15
Cdh Tj = +12 °C	0.977	0.980
Pdh Tj = Tbiv	12.80 kW	12.50 kW
COP Tj = Tbiv	2.83	2.03
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.80 kW	12.60 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.59	1.93
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh		
WTOL	60 °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	2.20 kW	1.40 kW
Annual energy consumption Qhe	6720 kWh	8659 kWh





EN 14511-2		
+7°C/+12°C		
El input	4.88 kW	
Cooling capacity	15.04	
EER	3.08	





	+7°C/+12°C
Pdesignc	15.04 kW
SEER	5.05
Pdc Tj = 35°C	15.04 kW
EER Tj = 35°C	3.08
Pdc Tj = 30°C	10.96 kW
EER Tj = 30°C	4.38
Cdc	1.000
Pdc Tj = 25°C	7.06 kW
EER Tj = 25°C	5.52
Cdc	0.985
Pdc Tj = 20°C	5.54 kW
EER Tj = 20°C	6.80
Cdc	0.977
Poff	22 W
РТО	0 W
PSB	28 W
PCK	0 W
Annual energy consumption Qce	1788 kWh



Model: i-32V516T

Configure model		
Model name i-32V516T		
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	16.30 kW	15.63 kW	
El input	3.49 kW	5.18 kW	
СОР	4.67	3.02	

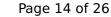
EN 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	



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)

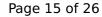
EN 14825		
	Low temperature	Medium temperature
η_{s}	177 %	126 %
Prated	14.00 kW	13.00 kW
SCOP	4.49	3.22
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-15 °C
Pdh Tj = -7°C	12.00 kW	11.50 kW
COP Tj = -7°C	2.88	2.09
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	7.30 kW	6.90 kW
COP Tj = +2°C	4.33	3.06
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	5.70 kW	5.50 kW
COP Tj = +7°C	5.83	4.11
Cdh Tj = +7 °C	0.981	0.986

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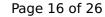


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6.70 kW	6.60 kW
8.12	6.30
0.977	0.982
12.00 kW	11.50 kW
2.88	2.09
11.70 kW	11.50 kW
2.60	1.94
60 °C	60 °C
19 W	19 W
22 W	22 W
19 W	19 W
0 W	0 W
n/a	n/a
2.30 kW	1.50 kW
6209 kWh	8357 kWh
	8.12 0.977 12.00 kW 2.88 11.70 kW 2.60 60 °C 19 W 22 W 19 W 0 W n/a 2.30 kW





EN 14511-2		
+7°C/+12°C		
El input	4.38 kW	
Cooling capacity	13.80	
EER	3.15	





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	+7°C/+12°C
Pdesignc	13.80 kW
SEER	4.80
Pdc Tj = 35°C	13.80 kW
EER Tj = 35°C	3.15
Pdc Tj = 30°C	10.17 kW
EER Tj = 30°C	4.36
Cdc	1.0
Pdc Tj = 25°C	6.47 kW
EER Tj = 25°C	5.30
Cdc	1.0
Pdc Tj = 20°C	5.53 kW
EER Tj = 20°C	6.67
Cdc	1.0
Poff	19 W
PTO	0 W
PSB	19 W
PCK	30 W
Annual energy consumption Qce	1726 kWh



Model: i-32V5SL16

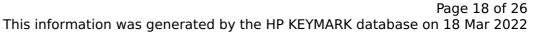
Configure model		
Model name	i-32V5SL16	
Application	Heating (medium temp)	
Units	Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-2			
Low temperature Medium temperature			
Heat output	8.65 kW	8.29 kW	
El input	1.68 kW	2.49 kW	
СОР	5.15	3.32	

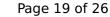
EN 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	dB(A)	dB(A)
Sound power level outdoor	53 dB(A)	53 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	133 %
Prated	13.00 kW	13.00 kW
SCOP	4.72	3.39
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-15 °C
Pdh Tj = -7°C	11.90 kW	11.50 kW
COP Tj = -7°C	2.98	2.16
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	7.30 kW	6.90 kW
COP Tj = +2°C	4.56	3.23
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	5.80 kW	5.70 kW
COP Tj = +7°C	6.17	4.34
Cdh Tj = +7 °C	0.980	0.985



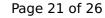


Pdh Tj = 12°C	6.70 kW	6.60 kW
COP Tj = 12°C	8.70	6.75
Cdh Tj = +12 °C	0.975	0.981
Pdh Tj = Tbiv	11.90 kW	11.50 kW
COP Tj = Tbiv	2.98	2.16
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	11.40 kW	11.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.65	1.98
Cdh Tj = TOL or Pdh Tj = Tdesignh 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	1.60 kW	1.80 kW
Annual energy consumption Qhe	5882 kWh	7914 kWh





EN 14511-2	
	+7°C/+12°C
El input	4.38 kW
Cooling capacity	13.80
EER	3.15





+7°C/+12°C
13.80 kW
4.94
13.80 kW
3.15
10.17 kW
4.36
1.000
6.47 kW
5.30
0.984
5.53 kW
6.67
0.977
22 W
o w
28 W
o w
1677 kWh



Model: i-32V5SL16T

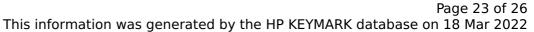
Configure model		
Model name	i-32V5SL16T	
Application	Heating (medium temp)	
Units	Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	+7°C/12°C	

General Data		
Power supply	3x400V 50Hz	

Heating

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	8.65 kW	8.29 kW	
El input	1.68 kW	2.49 kW	
СОР	5.15	3.32	

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

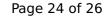




EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	dB(A)	dB(A)
Sound power level outdoor	53 dB(A)	53 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	186 %	133 %
Prated	13.00 kW	13.00 kW
SCOP	4.72	3.39
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-15 °C
Pdh Tj = -7°C	11.90 kW	11.50 kW
COP Tj = -7°C	2.98	2.16
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	7.30 kW	6.90 kW
COP Tj = +2°C	4.56	3.23
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	5.80 kW	5.70 kW
COP Tj = +7°C	6.17	4.34
Cdh Tj = +7 °C	0.980	0.985

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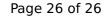


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6.70 kW	6.60 kW
8.70	6.75
0.975	0.981
11.90 kW	11.20 kW
2.98	2.16
11.40 kW	11.50 kW
2.65	1.98
60 °C	60 °C
19 W	19 W
22 W	22 W
19 W	19 W
0 W	0 W
n/a	n/a
1.60 kW	1.50 kW
5882 kWh	7914 kWh
	8.70 0.975 11.90 kW 2.98 11.40 kW 2.65 60 °C 19 W 22 W 19 W 0 W n/a 1.60 kW





EN 14511-2		
	+7°C/+12°C	
El input	4.38 kW	
Cooling capacity	13.80	
EER	3.15	





This information was generated by the	III KETMANK database on 10 Mai 202
	+7°C/+12°C
Pdesignc	13.80 kW
SEER	4.94
Pdc Tj = 35°C	13.80 kW
EER Tj = 35°C	3.15
Pdc Tj = 30°C	10.17 kW
EER Tj = 30°C	4.36
Cdc	1.000
Pdc Tj = 25°C	6.47 kW
EER Tj = 25°C	5.30
Cdc	0.984
Pdc Tj = 20°C	5.53 kW
EER Tj = 20°C	6.67
Cdc	0.977
Poff	22 W
РТО	0 W
PSB	28 W
PCK	0 W
Annual energy consumption Qce	1677 kWh