

This information was generated by the HP KEYMARK database on 28 Mar 2022

[Login](#)

Summary of	i-HPV5H 0270	Reg. No.	ICIM-PDC-000136
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-HPV5H 0270		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	12 kg		
Certification Date	25.02.2022		
Testing basis	Heat Pump KEYMARK V9		

Model: i-HPV5H 0270

Configure model	
Model name	i-HPV5H 0270
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	66.80 kW	62.00 kW
El input	16.30 kW	23.80 kW
COP	4.10	2.61

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

This information was generated by the HP KEYMARK database on 28 Mar 2022

EN 12102-1

	Low temperature	Medium temperature
Sound power level outdoor	81 dB(A)	81 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	155 %	120 %
Prated	49.00 kW	51.00 kW
SCOP	3.94	3.08
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-9 °C
Pdh Tj = -7°C	43.60 kW	45.50 kW
COP Tj = -7°C	2.09	1.55
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	28.80 kW	28.50 kW
COP Tj = +2°C	3.89	3.02
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	33.10 kW	35.30 kW
COP Tj = +7°C	5.67	4.38
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	36.90 kW	39.70 kW

This information was generated by the HP KEYMARK database on 28 Mar 2022

COP Tj = 12°C	7.01	6.82
Cdh Tj = +12 °C	1.000	1.000
Pdh Tj = Tbiv	43.60 kW	45.50 kW
COP Tj = Tbiv	2.09	1.55
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	41.70 kW	42.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	1.79	1.41
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000	1.000
WTOL	58 °C	58 °C
Poff	22 W	22 W
PTO	22 W	22 W
PSB	22 W	22 W
PCK	76 W	76 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	7.30 kW	51.00 kW
Annual energy consumption Qhe	25821 kWh	34544 kWh

Cooling

EN 14825

This information was generated by the HP KEYMARK database on 28 Mar 2022

	+7°C/+12°C
P _{designc}	53.20 kW
SEER	4.85
P _{dc} T _j = 35°C	53.20 kW
EER T _j = 35°C	3.01
P _{dc} T _j = 30°C	39.20 kW
EER T _j = 30°C	4.06
C _{dc}	1.000
P _{dc} T _j = 25°C	29.04 kW
EER T _j = 25°C	5.10
C _{dc}	1.000
P _{dc} T _j = 20°C	31.50 kW
EER T _j = 20°C	6.73
C _{dc}	1.000
P _{off}	22 W
PTO	0 W
PSB	28 W
PCK	0 W
Annual energy consumption Q _{ce}	6581 kWh

This information was generated by the HP KEYMARK database on 28 Mar 2022

EN 14511-2	
	+7°C/+12°C
El input	17.67 kW
Cooling capacity	53.20
EER	3.01