

This information was generated by the HP KEYMARK database on 18 Mar 2022

[Login](#)

Summary of	i-HPV5H 0260	Reg. No.	ICIM-PDC-000135
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 0260		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	11.7 kg		
Certification Date	25.02.2022		
Testing basis	Heat Pump KEYMARK V9		

Model: i-HPV5H 0260

Configure model

Model name	i-HPV5H 0260
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	61.40 kW	56.50 kW
El input	15.00 kW	21.70 kW
COP	4.09	2.60

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 18 Mar 2022

EN 14825

	Low temperature	Medium temperature
η_s	154 %	120 %
Prated	47.00 kW	47.00 kW
SCOP	3.92	3.08
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	41.80 kW	41.30 kW
COP Tj = -7°C	2.18	1.55
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	27.70 kW	29.10 kW
COP Tj = +2°C	3.78	2.93
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	31.20 kW	43.40 kW
COP Tj = +7°C	5.56	4.68
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	35.60 kW	42.30 kW
COP Tj = 12°C	7.38	7.25
Cdh Tj = +12 °C	1.000	1.000
Pdh Tj = Tbiv	41.80 kW	41.30 kW
COP Tj = Tbiv	2.18	1.55

This information was generated by the HP KEYMARK database on 18 Mar 2022

$P_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	40.10 kW	37.90 kW
$COP T_j = TOL$ or $COP T_j = T_{designh}$ if $TOL < T_{designh}$	1.87	1.28
$C_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	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	6.90 kW	9.10 kW
Annual energy consumption Q_{he}	24924 kWh	31333 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level outdoor	80 dB(A)	80 dB(A)

Cooling

EN 14511-2

	+7°C/+12°C
El input	15.50 kW
Cooling capacity	48.00
EER	3.10

EN 14825

This information was generated by the HP KEYMARK database on 18 Mar 2022

	+7°C/+12°C
P _{designc}	48.00 kW
SEER	4.86
P _{dc} T _j = 35°C	48.00 kW
EER T _j = 35°C	3.10
P _{dc} T _j = 30°C	35.40 kW
EER T _j = 30°C	4.12
C _{dc}	1.000
P _{dc} T _j = 25°C	27.02 kW
EER T _j = 25°C	5.16
C _{dc}	1.000
P _{dc} T _j = 20°C	28.95 kW
EER T _j = 20°C	6.45
C _{dc}	1.000
P _{off}	22 W
PTO	0 W
PSB	28 W
PCK	0 W
Annual energy consumption Q _{ce}	5926 kWh