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Summary of	i-HPV5H 0260	Reg. No.	ICIM-PDC-000135
Certificate Holder			
Name	Advantix S.p.A.	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	
СОР	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





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
$COP Tj = -7^{\circ}C$	2.18	1.55
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = $+2$ °C	27.70 kW	29.10 kW
$COPTj = +2^{\circ}C$	3.78	2.93
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = $+7^{\circ}$ C	31.20 kW	43.40 kW
$COP Tj = +7^{\circ}C$	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

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Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	40.10 kW	37.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	1.87	1.28
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	6.90 kW	9.10 kW
Annual energy consumption Qhe	24924 kWh	31333 kWh

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

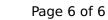
Cooling





EN 14511-2	
+7°C/+12°C	
El input	15.50 kW
Cooling capacity	48.00
EER	3.10

EN 14825





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	+7°C/+12°C
Pdesignc	48.00 kW
SEER	4.86
Pdc Tj = 35°C	48.00 kW
EER Tj = 35°C	3.10
Pdc Tj = 30°C	35.40 kW
EER Tj = 30°C	4.12
Cdc	1.000
Pdc Tj = 25°C	27.02 kW
EER Tj = 25°C	5.16
Cdc	1.000
Pdc Tj = 20°C	28.95 kW
EER Tj = 20°C	6.45
Cdc	1.000
Poff	22 W
РТО	o w
PSB	28 W
PCK	o w
Annual energy consumption Qce	5926 kWh
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