

Subtype HTi70 6 kW

Certificate Holder	Intuis
Address	Rue de la République
ZIP	80210
City	Feuquières-en-Vimeu
Country	FR
Certification Body	Kiwa Nederland B.V.
Subtype title	HTi70 6 kW
Registration number	007-DP0183
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	0.42 kg
Certification Date	06.05.2024
Testing basis	European KEYMARK Scheme for Heat Pumps (v11)

Model HTi70 6kW mono

Model name	HTi70 6kW mono
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water EN 14511-4 | Heating

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

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	4.11 kW	4.24 kW
El input	0.85 kW	1.41 kW
COP	4.84	3.01

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	52 dB(A)	52 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	186 %	136 %
Prated	5.70 kW	5.70 kW
SCOP	4.72	3.48
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.56 kW	5.74 kW
COP Tj = -7°C	2.88	2.27
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	3.22 kW	3.21 kW
COP Tj = +2°C	4.69	3.44
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	1.93 kW	1.79 kW
COP Tj = +7°C	6.57	4.58

Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	1.76 kW	1.65 kW
COP Tj = 12°C	7.92	5.78
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	5.70 kW	5.70 kW
COP Tj = Tbiv	2.83	2.05
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.70 kW	5.70 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.83	2.05
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	70 °C	70 °C
Poff	5 W	5 W
PTO	8 W	8 W
PSB	5 W	5 W
PCK	8 W	8 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	2494 kWh	3380 kWh