

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
EI 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
$\eta_s$	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