CEN heat pump KEYMARK

Subtype DC Inverter Air to Water Heat Pump Unit-R32-19	
Certificate Holder	IGLOTECH Sp. z o.o.
Address	ul. TORUNSKA, nr 41, lok. ---, miejsc. KWIDZYN, kod 82-500, poczta KWIDZYN
ZIP	
City	
Country	PL
Certification Body	BRE Global Limited
Subtype title	DC Inverter Air to Water Heat Pump Unit-R32-19
Registration number	041-K083-05
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	2.6 kg
Certification Date	01.02.2024
Testing basis	Heat Pump Keymark Scheme Rules Rev 13
Testing laboratory	TÜV SÜD Certification and Testing Co., Ltd. Guangzhou Branch, CN

This information was generated by the HP KEYMARK database on 25.09.2025

Model Indoor Unit: Neoheat Eko II 19 Outdoor Unit: Neoheat Eko II 19

Model name	Indoor Unit: Neoheat Eko II 19 Outdoor Unit: Neoheat Eko II 19
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	3x400V 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	13.37 kW	13.81 kW
El input	2.72 kW	5.17 kW
COP	4.92	2.67

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	44 dB(A)	39 dB(A)
Sound power level outdoor	57 dB(A)	62 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	185 %	128 %
Prated	16.19 kW	12.29 kW
SCOP	4.70	3.28
Tbiv	-7 °C	-7 °C
TOL	-25 °C	-25 °C
Pdh Tj = -7°C	14.32 kW	10.87 kW
COP Tj = -7°C	3.29	2.03
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	8.77 kW	6.70 kW
COP Tj = +2°C	4.57	3.31

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Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	7.09 kW	7.41 kW
COP Tj = +7°C	6.18	4.55
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	9.14 kW	8.74 kW
COP Tj = 12°C	7.86	5.98
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	14.32 kW	10.87 kW
COP Tj = Tbiv	3.29	2.03
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	13.87 kW	9.75 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.01	1.74
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	56 °C	56 °C
Poff	13 W	13 W
PTO	39 W	39 W
PSB	13 W	13 W
PCK	42 W	42 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	2.32 kW	2.53 kW
Annual energy consumption Qhe	7117 kWh	7746 kWh

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