Subtype Windmi Monoblock 6KW	
Certificate Holder	Rotenso Sp. z o.o.
Address	ul. Szyb Walenty 16
ZIP	41-700
City	Ruda Śląska
Country	PL
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Subtype title	Windmi Monoblock 6KW
Registration number	011-1W0815
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	1.1 kg
Certification Date	25.06.2024
Testing basis	HP KEYMARK certification scheme rules V12

Model WIM60X1	
Model name	WIM60X1
Application	Heating (medium temp)
Units	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	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	6.00 kW	5.80 kW
El input	1.33 kW	2.15 kW
COP	4.50	2.70

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	64 dB(A)	64 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	187 %	127 %
Prated	6.05 kW	5.59 kW
SCOP	4.75	3.25
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.35 kW	4.94 kW
COP Tj = -7°C	2.92	1.98
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	3.23 kW	3.00 kW
COP Tj = +2°C	4.57	3.08
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	2.14 kW	2.79 kW

COP Tj = +7°C	6.47	4.68
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.27 kW	2.55 kW
COP Tj = 12°C	9.10	6.89
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	5.35 kW	4.94 kW
COP Tj = Tbiv	2.92	1.98
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.01 kW	4.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.58	1.67
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	62 °C	62 °C
Poff	14 W	14 W
PTO	24 W	24 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.04 kW	0.79 kW
Annual energy consumption Qhe	2583 kWh	3480 kWh