Subtype ERApro 6 kW

Certificate Holder	PHOTOMATE s.r.o.
Address	Prokišova 356/7
ZIP	370 01
City	České Budějovice 6
Country	CZ
Certification Body	SZU - Strojirensky zkusebni ustav (Engineering Test Institute, Public Enterprise)
Subtype title	ERApro 6 kW
Registration number	037-0205-25
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	0.75 kg
Certification Date	21.08.2025
Testing basis	HP Keymark certification scheme rules rev. no.15
Testing laboratory	SZU Brno, CZ

Model ERApro 6 kW,230V + HU 9	
Model name	ERApro 6 kW,230V + HU 9
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	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	4.17 kW	4.08 kW
El input	0.82 kW	1.27 kW
COP	5.06	3.20

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	30 dB(A)	30 dB(A)
Sound power level outdoor	47 dB(A)	47 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	202 %	145 %
Prated	4.79 kW	4.88 kW
SCOP	5.13	3.70
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.24 kW	4.32 kW
COP Tj = -7°C	3.41	2.46
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	2.67 kW	2.65 kW
COP Tj = +2°C	4.94	3.54
Cdh Tj = +2 °C	0.900	0.900

Pdh Tj = +7°C	1.94 kW	1.67 kW
COP Tj = +7°C	6.63	4.75
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.15 kW	1.94 kW
COP Tj = 12°C	8.65	6.24
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	4.24 kW	4.32 kW
COP Tj = Tbiv	3.41	2.46
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.79 kW	4.88 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.03	2.29
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	15 W	15 W
PTO	15 W	15 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1941 kWh	2708 kWh

Model ERApro 6 kW,230V + CU 1	
Model name	ERApro 6 kW,230V + CU 1
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	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
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PTO	15 W	15 W
PSB	14 W	14 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1941 kWh	2708 kWh

Model ERApro 6 kW,230V + DHWU 9	
Model name	ERApro 6 kW,230V + DHWU 9
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	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		
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Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	1941 kWh	2708 kWh