

## Subtype ECL-PAC-06-08

Certificate Holder	ECL Nexus
Address	13, Boulevard Pereire
ZIP	75017
City	Paris
Country	FR
Certification Body	ICIM S.p.A.
Subtype title	ECL-PAC-06-08
Registration number	ICIM-PDC-000142
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	1.5 kg
Certification Date	20.05.2022
Testing basis	HP KEYMARK certification scheme rules rev. no. 7

## Model ECLPAC06X.XT ; ECLPAC06X.KA

Model name	ECLPAC06X.XT ; ECLPAC06X.KA
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C
Any additional heat sources	n/a
Phase-out Date	30.10.2025

## 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	6.08 kW	6.03 kW
El input	1.35 kW	2.14 kW
COP	4.51	2.82

### EN 14511-2 | Cooling

	+7°C/+12°C	+18°C/+23°C
El input	1.60 kW	
Cooling capacity	5.02	
EER	3.14	

### EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	62 dB(A)	62 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	175 %	126 %
Prated	7.00 kW	7.00 kW
SCOP	4.46	3.22
Tbiv	-7 °C	-7 °C

TOL	-20 °C	-15 °C
Pdh Tj = -7°C	6.10 kW	5.80 kW
COP Tj = -7°C	2.96	2.08
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	3.70 kW	3.60 kW
COP Tj = +2°C	4.36	3.30
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	5.56	3.49
Cdh Tj = +7 °C	0.967	0.978
Pdh Tj = 12°C	3.70 kW	3.60 kW
COP Tj = 12°C	7.88	6.49
Cdh Tj = +12 °C	0.959	0.966
Pdh Tj = Tbiv	6.10 kW	5.80 kW
COP Tj = Tbiv	2.96	2.08
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.10 kW	6.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.73	1.95
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh		
WTOL	60 °C	60 °C
Poff	19 W	19 W
PTO	22 W	22 W
PSB	19 W	19 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.90 kW	1.00 kW
Annual energy consumption Qhe	3178 kWh	4190 kWh

#### EN 14825 | Cooling

	+7°C/+12°C	+18°C/+23°C
Pdesignc	5.02 kW	
SEER	4.42	
Pdc Tj = 35°C	5.02 kW	
EER Tj = 35°C	3.14	
Pdc Tj = 30°C	3.70 kW	
EER Tj = 30°C	4.03	
Cdc Tj = 30 °C	1.000	
Pdc Tj = 25°C	2.70 kW	
EER Tj = 25°C	4.82	
Cdc Tj = 25 °C	0.966	
Pdc Tj = 20°C	2.96 kW	
EER Tj = 20°C	6.57	
Cdc Tj = 20 °C	0.958	
Poff	22 W	

PTO	0 W
PSB	28 W
PCK	0 W
Annual energy consumption Qce	682 kWh

## Model ECLPAC08X.XT ; ECLPAC08X.KA

Model name	ECLPAC08X.XT ; ECLPAC08X.KA
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C
Any additional heat sources	n/a
Phase-out Date	30.10.2025

## 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	7.81 kW	7.55 kW
El input	1.78 kW	2.65 kW
COP	4.38	2.85

### EN 14511-2 | Cooling

	+7°C/+12°C	+18°C/+23°C
El input	1.99 kW	
Cooling capacity	6.08	
EER	3.05	

### EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	62 dB(A)	62 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	176 %	128 %
Prated	7.00 kW	7.00 kW
SCOP	4.46	3.27
Tbiv	-7 °C	-7 °C

TOL	-20 °C	-15 °C
Pdh Tj = -7°C	6.50 kW	6.30 kW
COP Tj = -7°C	2.95	1.91
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	4.00 kW	3.80 kW
COP Tj = +2°C	4.37	3.33
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	3.10 kW	3.10 kW
COP Tj = +7°C	5.55	3.90
Cdh Tj = +7 °C	0.966	0.976
Pdh Tj = 12°C	3.70 kW	3.60 kW
COP Tj = 12°C	7.86	6.30
Cdh Tj = +12 °C	0.959	0.967
Pdh Tj = Tbiv	6.50 kW	6.30 kW
COP Tj = Tbiv	2.95	1.91
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.50 kW	6.40 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.70	1.95
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh		
WTOL	60 °C	60 °C
Poff	19 W	19 W
PTO	22 W	22 W
PSB	19 W	19 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.50 kW	0.60 kW
Annual energy consumption Qhe	3411 kWh	4494 kWh

#### EN 14825 | Cooling

	+7°C/+12°C	+18°C/+23°C
Pdesignc	6.08 kW	
SEER	4.51	
Pdc Tj = 35°C	6.08 kW	
EER Tj = 35°C	3.05	
Pdc Tj = 30°C	4.49 kW	
EER Tj = 30°C	4.07	
Cdc Tj = 30 °C	0.980	
Pdc Tj = 25°C	2.74 kW	
EER Tj = 25°C	4.84	
Cdc Tj = 25 °C	0.966	
Pdc Tj = 20°C	3.02 kW	
EER Tj = 20°C	6.70	
Cdc Tj = 20 °C	0.958	
Poff	22 W	

PTO	0 W
PSB	28 W
PCK	0 W
Annual energy consumption Qce	809 kWh