

Subtype LA 2030CP

Certificate Holder	Glen Dimplex Deutschland GmbH
Address	Am Goldenen Feld 18
ZIP	D-95326
City	Kulmbach
Country	DE
Certification Body	VDE Prüf- und Zertifizierungsinstitut GmbH
Subtype title	LA 2030CP
Registration number	40060852
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	2.5 kg
Certification Date	29.08.2025
Testing basis	DIN EN 14511-1:2023-08; EN 14511-1:2022; DIN EN 14511-2:2023-08; EN 14511-2:2022; DIN EN 14511-3:2023-12; EN 14511-3:2022; DIN EN 14511-4:2023-08; EN 14511-4:2022; DIN EN 14825:2023-10; EN 14825:2022; DIN EN 12102-1:2023-11; EN 12102-1:2022
Testing laboratory	VDE Prüf- und Zertifizierungsinstitut GmbH, DE

Model LA 2030CP

Model name	LA 2030CP
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	Colder, Warmer, Warmer Climate, Colder Climate
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	11.56 kW	17.41 kW
El input	2.14 kW	5.51 kW
COP	5.41	3.16

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	51 dB(A)	51 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	205 %	155 %
Prated	19.70 kW	19.80 kW
SCOP	5.20	3.96
Tbiv	-10 °C	-10 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	16.10 kW	17.15 kW
COP Tj = -7°C	2.98	2.31
Cdh Tj = -7 °C	0.990	0.990
Pdh Tj = +2°C	9.82 kW	9.94 kW
COP Tj = +2°C	5.29	3.92
Cdh Tj = +2 °C	0.970	0.970
Pdh Tj = +7°C	8.04 kW	7.64 kW
COP Tj = +7°C	6.90	5.27

Cdh Tj = +7 °C	0.953	0.973
Pdh Tj = 12°C	9.28 kW	9.03 kW
COP Tj = 12°C	8.61	7.04
Cdh Tj = +12 °C	0.912	0.951
Pdh Tj = Tbiv	19.79 kW	19.68 kW
COP Tj = Tbiv	2.77	1.98
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	19.79 kW	19.68 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.77	1.98
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.992	0.992
WTOL	70 °C	70 °C
Poff	31 W	31 W
PTO	55 W	55 W
PSB	56 W	56 W
PCK	55 W	55 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.00 kW	0.12 kW
Annual energy consumption Qhe	7826 kWh	10330 kWh

EN 12102-1 | Colder Climate

	Low temperature	Medium temperature
Sound power level outdoor	51 dB(A)	51 dB(A)

EN 14825 | Colder Climate

	Low temperature	Medium temperature
ηs	186 %	141 %
Prated	14.10 kW	14.48 kW
SCOP	4.72	3.59
Tbiv	-22 °C	-22 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	9.01 kW	8.85 kW
COP Tj = -7°C	4.07	2.93
Cdh Tj = -7 °C	0.975	0.982
Pdh Tj = +2°C	7.19 kW	6.82 kW
COP Tj = +2°C	5.72	4.40
Cdh Tj = +2 °C	0.933	0.980
Pdh Tj = +7°C	8.11 kW	7.86 kW
COP Tj = +7°C	7.01	5.73
Cdh Tj = +7 °C	0.951	0.972
Pdh Tj = 12°C	9.36 kW	9.20 kW
COP Tj = 12°C	8.44	7.44
Cdh Tj = +12 °C	0.938	0.960
Pdh Tj = Tbiv	14.11 kW	14.48 kW
COP Tj = Tbiv	2.20	1.53

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	14.11 kW	14.48 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.20	1.53
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.991	0.994
WTOL	70 °C	70 °C
Poff	31 W	31 W
PTO	55 W	55 W
PSB	56 W	56 W
PCK	55 W	55 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	7371 kWh	9934 kWh
Pdh Tj = -15°C (if TOL	11.58	11.73
COP Tj = -15°C (if TOL	2.96	2.12
Cdh Tj = -15 °C	0.986	0.990

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	51 dB(A)	51 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
η_s	261 %	189 %
Prated	17.50 kW	17.95 kW
SCOP	6.60	4.81
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	17.50 kW	17.95 kW
COP Tj = +2°C	3.72	2.57
Cdh Tj = +2 °C	0.988	0.992
Pdh Tj = +7°C	11.19 kW	11.56 kW
COP Tj = +7°C	6.17	4.12
Cdh Tj = +7 °C	0.970	0.980
Pdh Tj = 12°C	9.32 kW	8.95 kW
COP Tj = 12°C	8.35	6.43
Cdh Tj = +12 °C	0.949	0.975
Pdh Tj = Tbiv	17.50 kW	17.95 kW
COP Tj = Tbiv	3.72	2.57
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	17.50 kW	17.95 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.72	2.57
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.987	0.991

WTOL	70 °C	70 °C
Poff	31 W	31 W
PTO	55 W	55 W
PSB	56 W	56 W
PCK	55 W	55 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	3542 kWh	4985 kWh