Subtype LA 4060CP	
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 4060CP
Registration number	40060854
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	4 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 4060CP

Model name	LA 4060CP
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	22.67 kW	36.62 kW
El input	4.44 kW	12.44 kW
COP	5.11	2.94

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	186 %	149 %
Prated	39.50 kW	40.00 kW
SCOP	4.72	3.80
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-22 °C
Pdh Tj = -7°C	33.43 kW	34.03 kW
COP Tj = -7°C	2.98	2.23
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	19.36 kW	21.06 kW
COP Tj = +2°C	4.59	3.72
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	18.47 kW	18.19 kW
COP Tj = +7°C	6.22	5.08

Cdh Tj = +7 °C	0.989	0.991
Pdh Tj = 12°C	20.98 kW	21.00 kW
COP Tj = 12°C	7.33	6.42
Cdh Tj = +12 °C	0.988	0.990
Pdh Tj = Tbiv	38.42 kW	39.31 kW
COP Tj = Tbiv	2.46	1.91
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	38.42 kW	39.31 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.46	1.91
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000	1.000
WTOL	70 °C	70 °C
Poff	24 W	24 W
PTO	41 W	41 W
PSB	41 W	41 W
PCK	38 W	38 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.00 kW	0.69 kW
Annual energy consumption Qhe	17287 kWh	21762 kWh

EN 12102-1 | Colder Climate

	Low temperature	Medium temperature
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825 | Colder Climate

	Low temperature	Medium temperature
ηs	162 %	127 %
Prated	30.00 kW	31.00 kW
SCOP	4.12	3.26
Tbiv	-22 °C	-22 °C
TOL	-22 °C	-22 °C
Pdh Tj = -7°C	23.64 kW	23.37 kW
COP Tj = -7°C	3.54	2.73
Cdh Tj = -7 °C	0.985	0.988
Pdh Tj = +2°C	19.80 kW	18.83 kW
COP Tj = +2°C	4.68	3.73
Cdh Tj = +2 °C	0.976	0.980
Pdh Tj = +7°C	18.94 kW	18.54 kW
COP Tj = +7°C	6.51	5.40
Cdh Tj = +7 °C	0.988	0.990
Pdh Tj = 12°C	21.43 kW	21.15 kW
COP Tj = 12°C	7.43	6.67
Cdh Tj = +12 °C	0.988	0.989
Pdh Tj = Tbiv	30.05 kW	31.19 kW
COP Tj = Tbiv	2.05	1.62

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	30.05 kW	31.19 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.05	1.62
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000	1.000
WTOL	70 °C	70 °C
Poff	24 W	24 W
PTO	41 W	41 W
PSB	41 W	41 W
PCK	38 W	38 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	17938 kWh	23469 kWh
Pdh Tj = -15°C (if TOL	24.28	25.50
COP Tj = -15°C (if TOL	2.76	2.06
Cdh Tj = -15 °C	1.000	1.000

EN 12102-1 | Warmer Climate

	Low temperature	Medium temperature
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825 | Warmer Climate

	Low temperature	Medium temperature
ηs	244 %	181 %
Prated	36.00 kW	35.00 kW
SCOP	6.18	4.59
Tbiv	2 °C	2 °C
TOL	2 °C	2 °C
Pdh Tj = +2°C	35.41 kW	35.03 kW
COP Tj = +2°C	3.40	2.44
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	22.34 kW	22.62 kW
COP Tj = +7°C	5.80	3.96
Cdh Tj = +7 °C	1.000	1.000
Pdh Tj = 12°C	21.43 kW	20.73 kW
COP Tj = 12°C	7.33	5.90
Cdh Tj = +12 °C	0.989	0.991
Pdh Tj = Tbiv	35.41 kW	35.03 kW
COP Tj = Tbiv	3.40	2.44
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	35.41 kW	35.03 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.40	2.44
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.000	1.000

WTOL	70 °C	70 °C
Poff	24 W	24 W
PTO	41 W	41 W
PSB	41 W	41 W
PCK	38 W	38 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Qhe	7781 kWh	10189 kWh