

LA 3860.

Air-to-water
heat pump.



Flexible use. In new builds and building renovations for heating buildings and providing process heat in commercial and industrial use.

More efficiency. Low operating costs thanks to high seasonal performance factors. With two performance levels for high COPs in both full-load and partial load operation.

More possibilities. Can be connected to higher-level building management systems via various network protocols, such as Modbus, BACnet, EIB/KNX.

More control. Integrated thermal energy meter for reliable measurement of the system efficiency.

LA 3860.

Thanks to its high output, the LA 3860 is optimally designed for large projects such as apartment blocks or larger office buildings. Highly efficient and equipped with two compressors, it enables a demand-based and cost-optimised energy supply, in either new builds or existing buildings.

Order reference	LA 3860
Article number	381870
Casing colour	2-colour, grey aluminium (similar to RAL 9007) Anthracite grey (similar to RAL 7016)
Max. flow temperature	up to 60 °C -2 / from 22 °C water inlet
Lower / upper operating limit of heat source (heating operation)	- 22 to +40 °C
Heat output A-7 / W35 / COP A-7 / W35 ¹	22.2 kW / 3.2
Heat output max. A-7 / W35 / COP A-7 / W35 ¹	38.0 kW / 3.0
Heat output A2 / W35 / COP A2 / W35 ¹	26.6 kW / 3.6
Heat output max. A2 / W35 / COP A2 / W35 ¹	43.4 kW / 3.4
Heat output A7 / W35 / COP A7 / W35 ¹	35.3 kW / 4.5
Nominal power consumption according to EN 14511 at A7 / W35	7.8 kW
Sound power level	78 dB(A)
Sound pressure level in 10 m	46 dB(A)
Refrigerant / refrigerant quantity	R407C / 15.7 kg
Max. heating water flow rate / pressure drop	6.0 m ³ / h / 18,000 Pa
Heat source throughput (control range EC fan)	0 - 25,000 m ³ / h
Dimensions (W x H x D) ²	1900 x 2300 x 1000 mm
Weight	870 kg
Connection voltage heat pump	3 / N / PE ~400 V (50Hz)
Starting current	60 A
Fusing	C 50 A
Type of defrosting	Reverse circulation
Heating connection	R 2 inch

¹ Heat output and coefficient of performance (COP) according to EN 14511.

² Please note that additional space is required for pipe connections, operation and maintenance.



Head office

Glen Dimplex Deutschland GmbH
Business Unit
Heating & Ventilation
Am Goldenen Feld 18
95326 Kulmbach, Germany

T + 49 9221 709-101
F + 49 9221 709-339
info@dimplex.de
www.dimplex.de

Glen Dimplex Austria GmbH
Hauptstraße 71
5302 Henndorf am Wallersee,
Austria

T + 43 6214 20330
info@dimplex.at
www.dimplex.at