

LI 1826C.

Reversible
air-to-water heat
pump for
indoor installation.



Low operating costs. High seasonal performance factors thanks to electronic expansion valve and high-performance evaporator.

Regulated cooling. Reversible heat pump for heating and cooling. Prepared for dynamic cooling (fan convection) and silent cooling (floor/wall/ceiling areas). Intelligent dew point regulation via the heat pump manager (e.g. with Smart-RTC+).

Reliable. Operational reliability via sensor monitoring of the refrigeration circuit with demand-based defrosting. Integrated thermal energy metering.

Flexible expansion options. Bivalent or bivalent-renewable operation, distribution systems with mixed and un-mixed heating circuits (e.g. underfloor heating and radiators). Even more efficient with Smart-RTC+ room temperature control.

Future-orientated. Use of self-produced photovoltaic electricity possible: SmartGrid Ready.

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The LI 1826C is an air-to-water heat pump for indoor installation for heating and cooling. The installation of the heat pump can be adapted to the structural conditions in a variety of ways through the use of air ducts. It is therefore optimally suited for device replacement, use in new builds, as well as an alternative for oil or gas heating. The LI 1826C offers particular advantages for use in noise-sensitive environments through indoor installation.

And the best thing: it not only provides cosy heat in the colder seasons, but also guarantees pleasant room temperatures in summer thanks to the cooling function.

| Order reference | LI 1826C |
|--|-----------------------|
| Article number | 380310 |
| Energy efficiency class / energy efficiency (flow 35 °C) | A+++ / 175 % |
| Energy efficiency class / energy efficiency (flow 55 °C) | A++ / 135 % |
| Flow temperature max. | 60 °C |
| Lower / upper operating limit (heating) | -22 / 35 °C |
| Heat output max. / COP (with A-7 / W35) ¹ | 18.35 kW / 3.24 |
| Heat output / COP (with A2 / W35) ¹ | 11.3 kW / 3.9 |
| Heat output max. / COP (with A2 / W35) ¹ | 18.6 kW / 3.7 |
| Heat output / COP (with A7 / W35) ¹ | 14.2 kW / 4.8 |
| Cooling capacity max. EER (with A27 / W18) ¹ | 19.2 kW / 2.6 |
| Sound power level, indoors / lowered | 57 / 55 dB(A) |
| Sound power level, outdoors / lowered | 60 / 58 dB(A) |
| Dimensions (W x H x D) ² | 750 x 1770 x 1,000 mm |
| Gross weight | 326 kg |
| Air outlet side | Right |
| Air duct inlet and outlet | 725 x 725 mm |

¹ Heat output / cooling capacity and coefficient of performance (COP / EER) according to EN 14511.

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

The refrigerant used (fluorinated greenhouse gas) circulates in a hermetically sealed circuit.



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