

Dimplex

LIA heat pump system.

A sustainable solution for intelligent heating.



NEW

LIA heat pump system.

A sustainable solution for intelligent heating.

The LIA heat pump system - optimally suited for energy-efficient heating, cooling and domestic hot-water preparation in new builds and renovation projects. With its future-proof refrigerant and smart operation, it offers a sustainable and innovative solution for detached or duplex homes.

The LIA is a split air-to-water heat pump system with inverter control for intelligent adjustment of the actual heating, cooling and domestic hot water consumption of the building - efficient and high-performance heating up to an outside temperature of -25°C. The environmentally-friendly refrigerant R32 improves the CO2 footprint of the building and ensures that the legal specifications are complied with. The outdoor unit impresses with a space-saving casing design in 'dark grey'. In addition to the heating and cooling function, the compact indoor unit with a footprint of 60 x 60 cm includes all necessary hydraulic components and a domestic hot water cylinder (200 l) - simple "Plug'n'Play" through integration of all necessary components. The indoor unit is also optionally available with a 300 l domestic hot water cylinder or as a wall-mounted Hydrobox with flexibly combinable external domestic hot water cylinder. Operation takes place via the integrated Dimplex touch display on the indoor unit.

Three performance classes are available for a wide range of building requirements and sizes: 6 kW, 10 kW and 14 kW.

Your advantages with the LIA:

- 1 Three performance classes. Three combination options.**
Equipped with state-of-the-art inverter technology for heating, cooling and domestic hot water preparation for practically every application in new builds, renovation and replacement.
- 2 High efficiency.**
Maximum flow temperatures of up to 65°C enable domestic hot water temperatures of up to 60°C for year-round efficient use of free environmental heat. The cooling function is possible via combined panel heating / cooling systems and / or fan convectors.
- 3 Intuitive operation.**
Via the 4.3 inch colour touch display mounted on the indoor unit.
- 4 Smart solution while on the move.**
Can be controlled easily while on the move via the Dimplex Home app. The premium version of the app for installers also comes with an automatic notification function in the event of faults, graphic evaluation of device data and troubleshooting.
- 5 SG ready.**
The SG-ready function supports the heat pump with increased use during periods of low electricity costs. In combination with an intelligent room temperature control, the building can be used as a thermal reservoir or the heat pump can be combined intelligently with fossil fuels or other renewable heat generators.



Compact outdoor unit.

The space-saving design and contemporary colour means that the outdoor unit fits perfectly in the surroundings of the building.

Simple "Plug'n'Play" principle.

Connect and go

Integrated colour touch display.

Find out more on P. 16/17

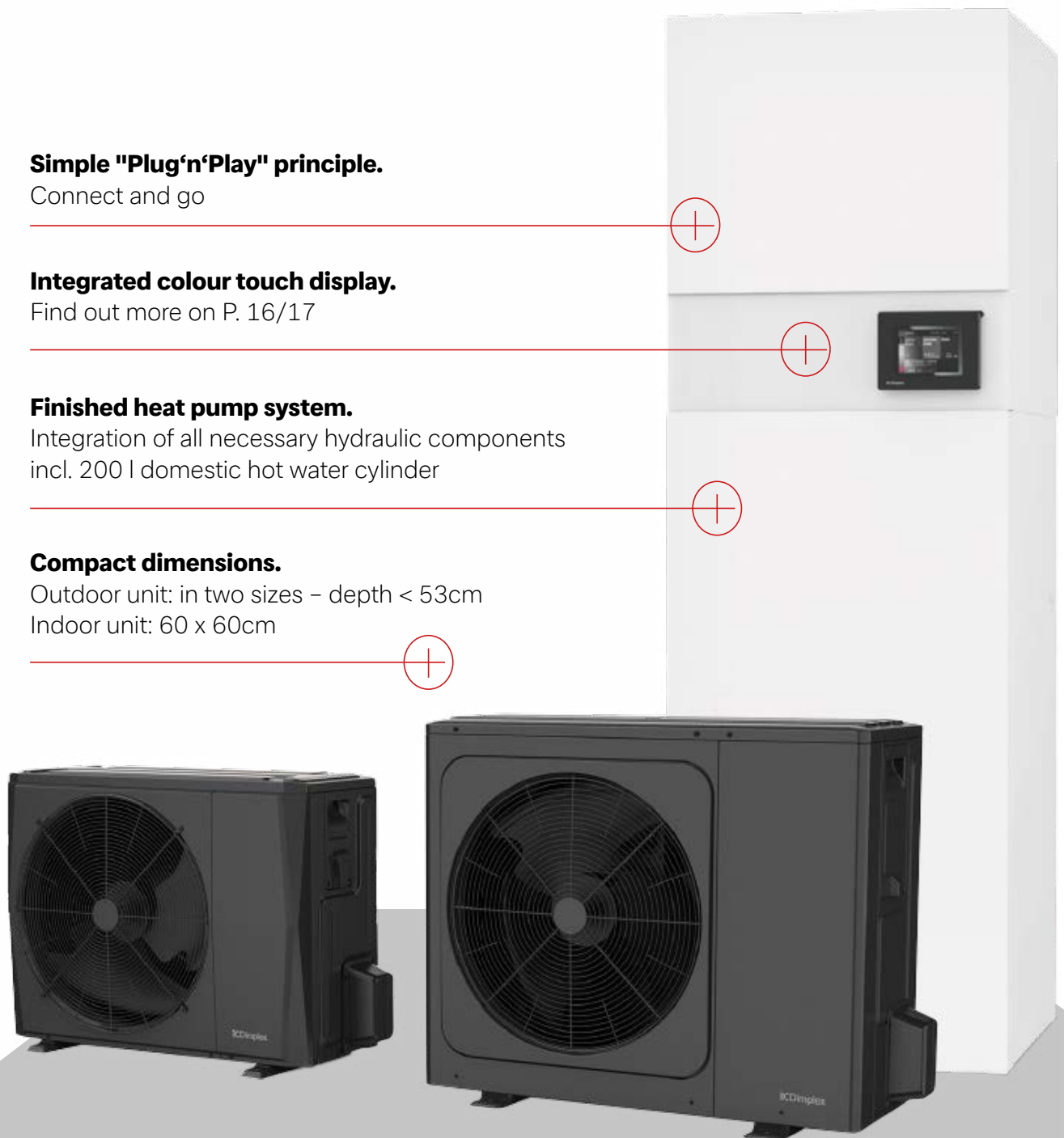
Finished heat pump system.

Integration of all necessary hydraulic components
incl. 200 l domestic hot water cylinder

Compact dimensions.

Outdoor unit: in two sizes – depth < 53cm

Indoor unit: 60 x 60cm



LIA heat pump system with integrated domestic hot water cylinder (200 l)

Three Dimplex solutions.



For new builds.

6 kW and 10 kW version with integrated domestic hot water cylinder (200 l)

- + for normal water consumption - up to 4 people.
- + connection option for an external buffer tank for use in renovations or in combination with individual room control.

Order reference:
LIA 0608HWCF M
LIA 0911HWCF M



For new builds and renovations.

6 kW, 10 kW and 14 kW version with 300 l domestic hot water cylinder + 100 l buffer tank

- + for buildings with high domestic hot water consumption - up to 6 people.
- + connection option for an additional fossil or renewable heat generator.
- + with integrated buffer tank for use in renovations or in combination with individual room control.

Order reference:
LIA 0608BWCF M
LIA 0911BWCF M
LIA 1316BWCF M
LIA 1316BWCF



For new builds and renovations.

6 kW, 10 kW and 14 kW version with Hydrobox

- + hydraulic unit with flexible options for integrating domestic hot water and buffer tanks in customized sizes.
- + for combining with fossil or renewable heat generators or for using existing installations / components.

Order reference:
LIA 0608HXCFC M
LIA 0911HXCFC M
LIA 1316HXCFC M
LIA 1316HXCFC

All technical data at a glance:

Order reference	LIA 0608...	LIA 0911... ***	LIA 1316... ***
Energy efficiency class low / medium temperature*	A+++ / A++	A+++ / A++	A+++ / A++
Heat output A-7/W35 / COP	6,21kW / 2,9	8,31kW / 3,1	12,7kW / 2,8
Heat output A2/W35 / COP	5,5kW / 4,0	8,2kW / 4,1	10,3kW / 3,9
Sound power level / lowered	~ 58 dB (A) / 53 dB (A)	~ 60 dB (A) / 55 dB (A)	~ 65 dB (A) / 56 dB (A)
sound pressure level in 10 m Distance outlet side wall installation (normal / reduced operation)**	42 dB (A) / 28 dB (A)	43 dB (A) / 30 dB (A)	46 dB (A) / 31 dB (A)
Dimensions (W x H x D)			
Indoor unit 200 l	595 x 1880 x 600 mm	595 x 1880 x 600 mm	740 x 1920 x 950 mm
Indoor unit 300 l	740 x 1920 x 950 mm	740 x 1920 x 950 mm	740 x 1920 x 950 mm
Indoor unit Hydrobox	450 x 694 x 240 mm	450 x 694 x 240 mm	450 x 694 x 240 mm
Outdoor unit	1007 x 712 x 426 mm	1120 x 864 x 523 mm	1120 x 864 x 523 mm

The values provided are preliminary data, which may still change before the start of series production.
* In a range from A+++ to D.
** See sound calculator BWP.
*** Preliminary information - sales start Dec. 2022.

Everything in perfect control.

More system. Less effort.

Easy and intuitive.

The Dimplex touch display.

The controller integrated in the heat pump intelligently and automatically ensures efficient and convenient operation. The intuitively designed user interface can be used to carry out all settings easily on-site. With the NWPM Touch network card, the LIA heat pump system can be connected to any router via a LAN cable and controlled with a smart device.



Smart control.

The Dimplex Home app.

Using the Dimplex Home app, you can access the heat pump system control at any time and from anywhere.

With the intuitive app interface, you can set different temperatures for different rooms, set the heating to come on at certain times, and activate holiday mode when you are away.

The connection to the LIA heat pump system means that you always have complete control even while on the move and can heat your home efficiently and sustainably.



Headquarters

Glen Dimplex Deutschland GmbH
Business Unit Heating & Ventilation
Am Goldenen Feld 18
D-95326 Kulmbach

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