

System S Comfort

Dimplex[®]

A sustainable solution for intelligent heating

Experience Better Living.



High efficiency

With a COP up to 5.0 and efficiency class up to A+++

Smart operation

Via the colour touch display and the Dimplex Home App

Suitable for practically all applications

The System S Comfort range with integrated 300 litre hot water cylinder and 100 litre buffer cylinder is available in different equipment versions for building heating loads of 8 kW, 11 kW and 16 kW

Environmentally-friendly

Thanks to the Low GWP refrigerant R32 and a maximum fill volume of 1.84 kg for a refrigerant line up to 15 m

Flexible expansion options

Flexible expansion options with our accessories for the combination of mixed and unmixed heating circuits. Gas, oil or solar system available? System S Comfort offers the option of bivalent or bivalent regenerative operation

System S Comfort

Split air-to-water heat pump system with inverter control for intelligent adjustment of the actual heating, cooling and hot water consumption in the building. Efficient and high-performance heating up to an outside temperature of -25 °C. The environmentally-friendly refrigerant R32 improves the CO₂ balance of the building and ensures compliance with the legal requirements. The outdoor unit impresses with a space-saving casing design in 'dark grey'. Renovations can be carried out quickly and easily with System S Comfort, as all the required components are already integrated. System S Comfort offers a sufficient buffer and domestic hot water cylinder volume to supply systems with radiators and a 6-person family with hot water. Easy 'Plug'n'Play' through the integration of all necessary components. Operation takes place via the integrated Dimplex touch display on the indoor unit. Three different outputs are available for a wide range of building requirements and sizes: 8 kW, 11 kW und 16 kW.

Order reference	LIA 0608BWCF M	LIA 0911BWCF M	LIA 1316BWCF	LIA 1316BWCF M
Energy efficiency class (35 °C) / ηs	A+++ / 195 %	A+++ / 205 %	A+++ / 186 %	A+++ / 186 %
Energy efficiency class (55 °C) / ηs	A++ / 138 %	A++ / 137 %	A++ / 136 %	A++ / 136 %
Flow temperature max. °C	65	65	65	65
Lower / upper operating limit (heating) °C	-22 / 35	-22 / 35	-22 / 35	-22 / 35
Lower / upper operating limit (cooling) °C	10 / 43	10 / 43	10 / 43	10 / 43
Heat output max. A-7/W35 / COP kW / -	6.21 / 2.86	8.31 / 3.11	12.70 / 2.79	12.70 / 2.79
Heat output A2/W35 / COP kW / -	5.50 / 3.95	8.20 / 4.05	10.30 / 3.88	10.30 / 3.88
Heat output A7/W35 / COP kW / -	6.20 / 5.00	10.00 / 5.00	15.50 / 4.59	15.50 / 4.59
Cooling capacity A27/W18 / EER kW / -	8.18 / 5.68	11.55 / 5.20	16.51 / 6.69	16.51 / 6.69
SCOP (35°) / SCOP (55°)	4.48 / 3.89	4.58 / 3.90	4.39 / 3.89	4.39 / 3.89
Sound power level outdoors according to ErP dB(A)	58	60	65	65
Sound power level outdoors lowered dB(A)	53	55	56	56
Sound pressure level outdoors in 10 m dB(A)	30	32	37	37
Heating water flow rate / m ³ /h	0.75	1.47	2.50	2.50
Connection voltage	1/N/PE ~230 V, 50 Hz	1/N/PE ~230 V, 50 Hz	3/N/PE ~400 V, 50 Hz	1/N/PE ~230 V, 50 Hz
Refrigerant / refrigerant quantity - / kg	R32 / 1.50	R32 / 1.65	R32 / 1.84	R32 / 1.84
Dimensions, heat pump (W x H x D) mm	1008 x 712 x 426	1118 x 865 x 523	1118 x 865 x 523	1118 x 865 x 523
Weight, heat pump kg	60	78.5	97	97
Dimensions hydrotower (W x H x D) mm	710 x 1890 x 950	710 x 1890 x 950	710 x 1890 x 950	710 x 1890 x 950
Weight, hydrotower kg	215	215	222	222

Due to the A2L refrigerant R32, the minimum room sizes of the installation room specified in the installation and operating instructions must be observed depending on the refrigerant quantity.



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