

# System S Flex



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 Flex range is available in different equipment versions and with outputs 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 Flex

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 -22 °C. The environmentally-friendly refrigerant R32 improves the CO<sub>2</sub> balance of the building and ensures compliance with the legal requirements. The outdoor unit impresses with a space-saving casing design in ‚dark grey‘. Everything required for air conditioning in a residential building is integrated in the System S Flex indoor unit. In addition to the heating and cooling function, an emergency heating with 6 kW and the safety assembly are also already integrated. Operation takes place via the integrated Dimplex touch display on the indoor unit. The System S Flex indoor unit impresses with a slimline, contemporary design and enables easy installation on the technology room wall. A wide range of heating systems can be connected quickly and easily with our connection sets. Three different outputs are available for a wide range of building requirements and sizes: 8 kW, 11 kW und 16 kW.

Bestellkennzeichen	LIA 0608HXCF M	LIA 0911HXCF M	LIA 1316HXCF	LIA 1316HXCF 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	4.49 / 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 <sup>3</sup> /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	450 x 694 x 260	450 x 694 x 260	450 x 694 x 260	450 x 694 x 260
Weight, hydrotower kg	25	25	27	27

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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