

# SHP-A 300 X Plus

DHW HEAT PUMPS

PRODUCT-NO.: 238635

## The main features

DHW heat pump

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Compact series for recirculation air mode

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292 l cylinder capacity

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SOL version additionally with integral heat exchanger for connection of an external heat generator (e.g. solar thermal or existing heating system)

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Achieves the highest possible energy efficiency: A+

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Hygienic DHW temperatures up to 65 °C achievable in heat pump mode only

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SmartGrid - future-oriented technology

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Highly reliable and cost saving due to the maintenance-free impressed current anode





Type	SHP-A 220 Plus	SHP-A 300 Plus	SHP-A 300 X Plus
Part no.	238633	238634	238635
Average heating output (A15/W10-55)	1.6 kW	1.6 kW	1.6 kW
Height	1501 mm	1905 mm	1905 mm
Diameter	690 mm	690 mm	690 mm
Weight	120 kg	135 kg	156 kg

## Technical data

Energy efficiency class, DHW heating (indoor air), load profile XL		A+	A+
Heat source min./max. application limits	+6/+42 °C	+6/+42 °C	+6/+42 °C
Rated capacity	220 l	302 l	291 l
Surface, indirect coil			1,3 m <sup>2</sup>
Maximum DHW temperature with heat pump	65 °C	65 °C	65 °C
Nominal DHW temperature (EN 16147)	55 °C	55 °C	55 °C
Nominal load profile (EN16147)	L	XL	XL
Maximum available nominal DHW volume at 40 °C (EN 16147 / A20)	278 l	395 l	371 l
Rated heating output Prated (EN 16147/A20)	1,6 kW	1,52 kW	1,43 kW
Heat-up time (EN 16147 / A20)	6.06 h	9.05 h	9.05 h
Power consumption, standby period (EN 16147 / A20)	0.022 kW	0.024 kW	0.028 kW
COP (EN 16147 / A20)	3.55	3.51	3.51
Booster heater power consumption	1,5 kW	1,5 kW	1,5 kW
Sound power level (EN 12102)	60 dB(A)	60 dB(A)	60 dB(A)
Average sound pressure level at 1 m distance, free field	45 dB(A)	45 dB(A)	45 dB(A)
Power supply	1/N/PE 220-240 V 50/60 Hz	1/N/PE 220-240 V 50/60 Hz	1/N/PE 220-240 V 50/60 Hz

Nominal data to EN 16147 - A15 = heat source recirculation air / A7 = heat source recirculation air

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Rated data to EN 16147 - heat pump for recirculated air

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## **Contact information**

You have questions? We appreciate to help you:

Call **+49 5531 - 7020**

Write an email to **[info@stiebel-eltron.com](mailto:info@stiebel-eltron.com)**

## **Installation information**

Please ask your local power supply utility or a registered electrician to install appliances that are not fully wired, i.e. ready to plug in. The electrician should also be able to assist you with obtaining the agreement of the respective power supply utility required for the appliance installation.