

# SHP-F 300 X Premium

DHW HEAT PUMPS

PRODUCT-NO.: 238632

## Keeping your plans flexible

The flexibility you enjoy with a DHW heat pump is well demonstrated in this model. It is equipped with air ducts that allow it to draw outdoor air or waste heat from an adjacent room. Moreover, your installer can arrange the ducts horizontally or vertically, depending on the layout of the installation room.

## A futureproof investment

The appliance is also well equipped on the inside: it achieves the highest possible energy efficiency class (A+) and provides you with hygienic DHW temperatures of up to 65 °C. A straightforward combination of heat pump and photovoltaic system makes even more efficient use of natural resources, as it allows you to heat your DHW with self-generated electricity. For feel-good moments that are truly home-made.



**SHP-F 220 Premium**  
Product-No.: 238630



**SHP-F 300 Premium**  
Product-No.: 238631

## The main features

High flexibility in siting and installation

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

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Can be integrated into a smart grid (SG Ready)

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Maximum reliability and cost savings due to maintenance-free cylinder protection (impressed current anode)



Type	SHP-F 220 Premium	SHP-F 300 Premium	SHP-F 300 X Premium
Part no.	238630	238631	238632

## Technical data

Nominal load profile (EN 16147)	L	XL	XL
COP (EN 16147 / A20)	3,28	3,75	3,75
COP (EN 16147 / A7)	3,07	3,22	3,22
Nominal DHW temperature (EN 16147)	55 °C	55 °C	55 °C
Maximum available nominal amount of DHW at 40 °C (EN 16147 / A20)	284 l	422 l	399 l
Maximum available nominal amount of DHW at 40 °C (EN 16147 / A7)	267 l	422 l	394 l
Height x diameter	1501 x 690 mm	1905 x 690 mm	1905 x 690 mm
Nominal capacity	220 l	302 l	291 l
Max. mixed water amount at 40 °C	330 l	465 l	440 l
Surface area, heat exchanger			1.30 m <sup>2</sup>
Indoor sound power level with 4 m air duct (EN 12102)	52 dB(A)	52 dB(A)	52 dB(A)
Indoor sound power level without air duct (EN 12102)	60 dB(A)	60 dB(A)	60 dB(A)
Min./max. application limits, heat source for heat pump operation	-8/+42 °C	-8/+42 °C	-8/+42 °C
Max. DHW temperature with heat pump	65 °C	65 °C	65 °C
Power supply	1/N/PE ~ 230 V 50 Hz	1/N/PE ~ 230 V 50 Hz	1/N/PE ~ 230 V 50 Hz
Auxiliary heater power consumption	1.50 kW	1.50 kW	1.50 kW

## **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.