

SHP-A 220 Plus

DHW HEAT PUMPS

PRODUCT-NO.: 238633

The main features

DHW heat pump

Compact series for recirculation air mode

220 l cylinder capacity

Achieves the highest possible energy efficiency: A+

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

SmartGrid – future-oriented technology

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 L | A+ | | |
| Heat source min./max. application limits | +6/+42 °C | +6/+42 °C | +6/+42 °C |
| Rated capacity | 220 l | 302 l | 291 l |
| 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 |

Energy efficiency class in accordance with EU Regulation no. 812/2013; rating from September 2017. Highest possible energy rating A until September 2017.

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

Rated data to EN 16147 - heat pump for recirculated air

Contact information

You have questions? We appreciate to help you:

Call **+49 5531 - 7020**

Write an email to **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.