

# PEO 18/21/24

PRODUCT-NO.: 233991

## Perfect your showering experience

Showering has never been such a convenient experience. This electronically controlled instantaneous water heater always supplies you with precisely the preferred temperature and is highly efficient at the same time. You can easily see the set temperature on the large illuminated display. Use hot water safely On a practical front, the digital temperature setting is very precise, with steps of just one degree at a time. If the temperature is above 43 °C, the display changes from blue to red, indicating that you are at risk of scalding yourself.



## The main features

Maximum convenience thanks to electronic control with outlet sensor

Accurate temperature delivery up to the maximum output

High energy efficiency – up to 30% savings possible compared with hydraulic instantaneous water heaters

Digital Temperature setting from 30 - 60 °C in 1 °C increments

Suitable for preheated water up to 45 °C

Integral diagnostic system

Scale-resistant bare wire heating system



Type	PEO 18/21/24	PEO 27
Part no.	233991	233992

## Technical data

Rated voltage	400 V	400 V
Rated voltage 1	380 V	380 V
Rated voltage 2	400 V	400 V
Rated voltage 3	415 V	
Rated output	18/21/24 kW	27 kW
Rated output 1	16,2/19/21,7 kW	24.4 kW
Rated output 2	18/21/24 kW	27 kW
Rated output 3	19,4/22,6/25,8 kW	
Rated current	29/31/35 A	39 A
Rated current 1	27,6/29,5/33,3 A	37.1 A
Rated current 2	29/31/35 A	39 A
Rated current 3	30,1/32,2/36,3 A	
Fuse protection	32/32/35 A	40 A
Fuse protection 1	32/32/35 A	40 A
Fuse protection 2	32/32/35 A	40 A
Fuse protection 3	32/32/40 A	
Frequency	50/60 Hz	50/60 Hz
Frequency 1	50/60 Hz	50/60 Hz
Frequency 2	50/60 Hz	50/60 Hz
Frequency 3	50/- Hz	
Phases	3/PE	3/PE
Resistivity $\rho_{15} \geq$ (at $\vartheta_{cold} \leq 25$ °C and 380 V)	900 $\Omega$ cm	900 $\Omega$ cm

Resistivity $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} \leq 25$ °C and 400 V)	900 $\Omega$ cm	900 $\Omega$ cm
Resistivity $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} \leq 25$ °C and 415 V)	1000 $\Omega$ cm	
Resistivity $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} \leq 45$ °C and 380 V)	1200 $\Omega$ cm	1200 $\Omega$ cm
Resistivity $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} \leq 45$ °C and 400 V)	1200 $\Omega$ cm	1200 $\Omega$ cm
Resistivity $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} \leq 45$ °C and 415 V)	1300 $\Omega$ cm	
Conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 25$ °C and 380 V)	1111 $\mu\text{S}/\text{cm}$	1111 $\mu\text{S}/\text{cm}$
Conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 25$ °C and 400 V)	1111 $\mu\text{S}/\text{cm}$	1111 $\mu\text{S}/\text{cm}$
Conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 25$ °C and 415 V)	1000 $\mu\text{S}/\text{cm}$	
Conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 45$ °C and 380 V)	833 $\mu\text{S}/\text{cm}$	833 $\mu\text{S}/\text{cm}$
Conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 45$ °C and 400 V)	833 $\mu\text{S}/\text{cm}$	833 $\mu\text{S}/\text{cm}$
Conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 45$ °C and 415 V)	770 $\mu\text{S}/\text{cm}$	
ON	>2,5 l/min	>2.5 l/min
IP rating	IP 25	IP 25
Temperature setting	30 - 60 °C	30 - 60 °C
Colour	white	white
Height	485 mm	485 mm
Width	226 mm	226 mm
Depth	93 mm	93 mm
Weight	3.60 kg	3.60 kg

## **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.