

## PER 18/21/24

CONVENIENCE INSTANTANEOUS WATER  
HEATER

PRODUCT-NO.: 233990

### The main features

Extensive range of convenience and safety functions





Type	PER 18/21/24
Part no.	233990
Rated output	18/21/24 kW
Height	485 mm
Width	226 mm
Depth	93 mm

## Technical data

Rated voltage 1	380 V
Rated output 1	16.2/19/21.7 kW
Rated current 1	27.6/29.5/33.3 A
Fuse 1	32/32/35 A
Frequency 1	50/60 Hz
Rated voltage 2	400 V
Rated output 2	18/21/24 kW
Rated current 2	29/31/35 A
Fuse 2	32/32/35 A
Frequency 2	50/60 Hz
Rated voltage 3	415 V
Rated output 3	19.4/22.6/25.8 kW
Rated current 3	30.1/32.2/36.3 A
Fuse 3	32/32/40 A
Frequency 3	50/- Hz
Phases	3/PE
Temperature adjustment	30-60 °C
Specific resistance $\rho_{15} \geq$ (at $\vartheta_{cold} \leq 25$ °C and 400 V)	900 $\Omega$ cm

Specific conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 25$ °C and 400 V)	1111 $\mu\text{S}/\text{cm}$
Specific resistance $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} \leq 45$ °C and 400 V)	1200 $\Omega \text{ cm}$
Specific conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 45$ °C and 400 V)	830 $\mu\text{S}/\text{cm}$
Specific resistance $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} \leq 25$ °C and 380 V)	900 $\Omega \text{ cm}$
Specific conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 25$ °C and 380 V)	1111 $\mu\text{S}/\text{cm}$
Specific resistance $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} \leq 45$ °C and 380 V)	1200 $\Omega \text{ cm}$
Specific conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 45$ °C and 380 V)	830 $\mu\text{S}/\text{cm}$
Specific resistance $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} \leq 25$ °C and 415 V)	1000 $\Omega \text{ cm}$
Specific conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 25$ °C and 415 V)	1000 $\mu\text{S}/\text{cm}$
Specific resistance $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} \leq 45$ °C and 415 V)	1300 $\Omega \text{ cm}$
Specific conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 45$ °C and 415 V)	770 $\mu\text{S}/\text{cm}$
Energy efficiency class	A
IP-Rating	IP25
Colour	white
Weight	3,80 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.