

# PER 18/21/24

COMFORT INSTANTANEOUS WATER HEATERS

PRODUCT-NO.: 233990

## Use water your way

**Know exactly what's going on** Every one of our fully electronic instantaneous water heater models provides hot water at the exact temperature you have set at all times. No ifs or buts. To make this work, the appliances compensate for all external influences. As a result, only the water you want comes out of your tap. How about that for convenience?



## The main features

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Maximum convenience thanks to full electronic closed-loop control

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Accurate temperature delivery at all times due to automatic flow rate control

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Remote control included (up to 25 m range)

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

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Particularly economical operation with ECO mode

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Extensive range of convenience and safety functions

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Suitable for preheated water up to 45 °C



Type	PER 18/21/24
Part no.	233990

## Technical data

Rated voltage	400 V
Rated voltage 1	380 V
Rated voltage 2	400 V
Rated voltage 3	415 V
Rated output	18/21/24 kW
Rated output 1	16,2/19/21,7 kW
Rated output 2	18/21/24 kW
Rated output 3	19,4/22,6/25,8 kW
Rated current	29/31/35 A
Rated current 1	27,6/29,5/33,3 A
Rated current 2	29/31/35 A
Rated current 3	30,1/32,2/36,3 A
Fuse protection	32/32/35 A
Fuse protection 1	32/32/35 A
Fuse protection 2	32/32/35 A
Fuse protection 3	32/32/40 A
Frequency	50/60 Hz
Frequency 1	50/60 Hz
Frequency 2	50/60 Hz
Frequency 3	50/- Hz
Phases	3/PE

Conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 25\text{ °C}$ and 380 V)	1111 $\mu\text{S/cm}$
Conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 25\text{ °C}$ and 400 V)	1111 $\mu\text{S/cm}$
Conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 25\text{ °C}$ and 415 V)	1000 $\mu\text{S/cm}$
Conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} > 25\text{ °C}$ and 380 V)	833 $\mu\text{S/cm}$
Conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} > 25\text{ °C}$ and 400 V)	833 $\mu\text{S/cm}$
Conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} > 25\text{ °C}$ and 415 V)	770 $\mu\text{S/cm}$
Resistivity $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} \leq 25\text{ °C}$ and 380 V)	900 $\Omega\text{ cm}$
Resistivity $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} \leq 25\text{ °C}$ and 400 V)	900 $\Omega\text{ cm}$
Resistivity $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} \leq 25\text{ °C}$ and 415 V)	1000 $\Omega\text{ cm}$
Resistivity $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} > 25\text{ °C}$ and 380 V)	1200 $\Omega\text{ cm}$
Resistivity $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} > 25\text{ °C}$ and 400 V)	1200 $\Omega\text{ cm}$
Resistivity $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} > 25\text{ °C}$ and 415 V)	1300 $\Omega\text{ cm}$
Temperature setting	30-60 °C
Colour	white
Switch-on water flow rate	>2,5 l/min
Height	485 mm
Width	226 mm
Depth	93 mm
Weight	3.80 kg
Energy efficiency class	A

**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.