

DHB 27 STi

CONVENIENCE INSTANTANEOUS WATER
HEATER

PRODUCT-NO.: 227615

The DHB STi is an interesting entry into the comfort class. It offers the output of an advanced electronic instantaneous water heater at the cost price of a lower/middle segment product. Amongst its benefits are primarily its energy efficiency and the convenience of the pre-selected DHW temperature always being maintained. It prevents temperature fluctuations caused by output changes. As a result, the shower will never give you cold shocks. The DHB STi therefore represents pleasant comfort without extravagance. Perfectly safe: The appliance can be installed directly in your shower cubicle.



The main features

Three-stage temperature pre-selection, approx. 35, 45, 55 °C

Individual temperature adjustment through mixing with cold water

Constant temperature up to the output limit

Electronic safety system with air detection

For hard and soft water areas



Type	DHB 18 STi	DHB 21 STi	DHB 24 STi
Part no.	227612	227613	227614
Rated output	18 kW	21 kW	24 kW
Height	470 mm	470 mm	470 mm
Width	225 mm	225 mm	225 mm
Depth	110 mm	110 mm	110 mm

Technical data

Rated voltage 1	380 V	380 V	380 V
Rated output 1	16,2 kW	19 kW	21,7 kW
Rated current 1	24,7 A	29,5 A	33,3 A
Fuse 1	25 A	32 A	35 A
Frequency 1	50/60 Hz	50/60 Hz	50/60 Hz
Rated voltage 2	400 V	400 V	400 V
Rated output 2	18 kW	21 kW	24 kW
Rated current 2	26 A	31 A	35 A
Fuse 2	25 A	32 A	35 A
Frequency 2	50/60 Hz	50/60 Hz	50/60 Hz
Rated voltage 3	415 V	415 V	415 V
Rated output 3	19,4 kW	22,6 kW	25,8 kW
Rated current 3	27 A	32,2 A	36,3 A
Fuse 3	32 A	32 A	40 A
Frequency 3	50/- Hz	50/- Hz	50/- Hz
Phases	3/PE	3/PE	3/PE
Temperature adjustment	ca. 35, 45, 55 °C	ca. 35, 45, 55 °C	ca. 35, 45, 55 °C
Specific resistance $\rho_{15} \geq$ (at $\vartheta_{cold} \leq 35$ °C and 380 V)	$\geq 1100 \Omega \text{ cm}$	$\geq 1100 \Omega \text{ cm}$	$\geq 1100 \Omega \text{ cm}$

Specific conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 35$ °C and 380 V)	≤ 910 $\mu\text{S}/\text{cm}$	≤ 910 $\mu\text{S}/\text{cm}$	≤ 910 $\mu\text{S}/\text{cm}$
Specific resistance $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} \leq 35$ °C and 400 V)	≥ 1100 Ω cm	≥ 1100 Ω cm	≥ 1100 Ω cm
Specific conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 35$ °C and 400 V)	≤ 910 $\mu\text{S}/\text{cm}$	≤ 910 $\mu\text{S}/\text{cm}$	≤ 910 $\mu\text{S}/\text{cm}$
Specific resistance $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} \leq 35$ °C and 415 V)	≥ 1200 Ω cm	≥ 1200 Ω cm	≥ 1200 Ω cm
Specific conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 35$ °C and 415 V)	≤ 830 $\mu\text{S}/\text{cm}$	≤ 830 $\mu\text{S}/\text{cm}$	≤ 830 $\mu\text{S}/\text{cm}$
Energy efficiency class	A	A	A
IP-Rating	IP25	IP25	IP25
Colour	white	white	white
Weight	3,6 kg	3,6 kg	3,6 kg



Type	DHB 27 STi
Part no.	227615
Rated output	26 kW
Height	470 mm
Width	225 mm
Depth	110 mm

Technical data

Rated voltage 1	380 V
Rated output 1	23,5 kW
Rated current 1	35,6 A
Fuse 1	35 A
Frequency 1	50/- Hz
Rated voltage 2	400 V
Rated output 2	26 kW
Rated current 2	37,7 A
Fuse 2	40 A
Frequency 2	50/- Hz
Rated voltage 3	415 V
Rated output 3	28 kW
Rated current 3	38,9 A
Fuse 3	40 A
Frequency 3	50/- Hz
Phases	3/PE
Temperature adjustment	ca. 35, 45, 55 °C
Specific resistance $\rho_{15} \geq$ (at $\vartheta_{cold} \leq 35$ °C and 380 V)	$\geq 1100 \Omega \text{ cm}$

Specific conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 35$ °C and 380 V)	≤ 910 $\mu\text{S}/\text{cm}$
Specific resistance $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} \leq 35$ °C and 400 V)	≥ 1100 Ω cm
Specific conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 35$ °C and 400 V)	≤ 910 $\mu\text{S}/\text{cm}$
Specific resistance $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} \leq 35$ °C and 415 V)	≥ 1200 Ω cm
Specific conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 35$ °C and 415 V)	≤ 830 $\mu\text{S}/\text{cm}$
Energy efficiency class	A
IP-Rating	IP25
Colour	white
Weight	3,6 kg

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.