

DHM 4 Set

MINI INSTANTANEOUS WATER HEATER

PRODUCT-NO.: 236451

APPLICATION: DHM suitable for DHW supply to one hand washbasin.

International: Also suitable for showers with inlet temperatures above 20 °C.

Operation with pressurised or non-pressurised taps possible.

EQUIPMENT/CONVENIENCE: Hydraulically controlled mini instantaneous water heater with flow switch and automatic flow rate control. Near constant accurate temperature delivery up to maximum output. Hydraulically controlled single stage heating output, subject to flow rate. Required temperature achieved by mixing at the tap. Including special aerator for perfect water flow pattern and integral flow meter for fitting in existing taps (M22/24 thread). Undersink installation.

EFFICIENCY: Mini instantaneous water heaters heat the water directly at the draw-off point only when required. Energy and water losses due to long pipe runs are avoided. This ensures high energy efficiency.

PROFI-RAPID INSTALLATION: PROFI-RAPID installation system for time saving and straightforward installation. Straightforward wall mounting: Secured at two points; back panel also serves as a drilling template; slots for compensating for drill hole discrepancies; appliance cover and internal assembly can be removed in one step. Fast, universal water connection: External 3/8" metal water connections for direct, universal installation of taps. Easy electrical connection: Prepared power cable as standard; 3.5 kW version with standard plug; other versions for permanent connection. Protection rating IP 25 (hoseproof).

SAFETY: Maintenance-free bare wire heating system, suitable for hard and soft water. Safety system with high pressure switch.



The main features

Hydraulically controlled mini instantaneous water heater for energy efficient and water saving supply of a single hand wash basin

Undersink installation

Can be operated with pressurised and non-pressurised taps

Special aerator for perfect flow pattern

Instant hot water thanks to rapid and maintenance-free bare wire heating system

Quick PROFI-RAPID installation

International: Also suitable for showers with inlet temperatures above 20 °C



Type	DHM 3 Set	DHM 4 Set	DHM 6 Set
Part no.	236450	236451	236452

Electrical details

Rated voltage	230 V	230 V	230 V
Rated voltage 1	200 V	200 V	200 V
Rated voltage 2	220 V	220 V	220 V
Rated voltage 3	230 V	230 V	230 V
Rated voltage 4	240 V	240 V	240 V
Rated output	3,53 kW	4,4 kW	5,7 kW
Rated output 1	2,7 kW	3,3 kW	4,3 kW
Rated output 2	3,2 kW	4,0 kW	5,2 kW
Rated output 3	3,53 kW	4,4 kW	5,7 kW
Rated output 4	3.8 kW	4.8 kW	6.2 kW
Rated current	15,2 A	19,1 A	24,7 A
Rated current 1	13,3 A	16,7 A	21,6 A
Rated current 2	14,5 A	18,2 A	23,6 A
Rated current 3	15,2 A	19,1 A	24,7 A
Rated current 4	15.8 A	20 A	25.8 A
Fuse protection	16 A	20 A	25 A
Fuse 1	16 A	20 A	25 A
Fuse 2	16 A	20 A	25 A
Fuse 3	16 A	20 A	25 A
MCB/fuse 4	16 A	20 A	32 A
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Frequency 1	50/60 Hz	50/60 Hz	50/60 Hz

Frequency 2	50/60 Hz	50/60 Hz	50/60 Hz
Frequency 3	50/60 Hz	50/60 Hz	50/60 Hz
Frequency 4	50/60 Hz	50/60 Hz	50/60 Hz
Phases	1/N/PE	1/N/PE	1/N/PE
Specific resistance $\rho_{15} \geq$	1100 Ω cm	1100 Ω cm	1100 Ω cm
Specific conductivity $\sigma_{15} \leq$	909 μ S/cm	909 μ S/cm	909 μ S/cm
Specific resistance $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} \leq 25$ °C)	1100 Ω cm	1100 Ω cm	1100 Ω cm
Specific conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 25$ °C)	909 μ S/cm	909 μ S/cm	909 μ S/cm
Specific resistance $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} > 25$ °C)	1100 Ω cm	1100 Ω cm	1100 Ω cm
Specific conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} > 25$ °C)	909 μ S/cm	909 μ S/cm	909 μ S/cm

Hydraulic data

Rated capacity	0,1 l	0,1 l	0,1 l
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Energy data

Energy efficiency class	A	A	A
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Dimensions

Height	143 mm	143 mm	143 mm
Width	190 mm	190 mm	190 mm
Depth	82 mm	82 mm	82 mm
Length of connecting cable	700 mm	700 mm	700 mm

Weights

Weight	1,6 kg	1,6 kg	1,6 kg
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Application limits

Max. permissible pressure	1 MPa	1 MPa	1 MPa
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Versions

Undersink installation	X	X	X
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Open vented type	X	X	X
Sealed unvented type	X	X	X
Protection class	1	1	1
Insulation block	Plastic	Plastic	Plastic
Heating system heat generator	Bare wire	Bare wire	Bare wire
Cap and back panel	Plastic	Plastic	Plastic
Colour	white	white	white
IP-Rating	IP25	IP25	IP25

Connections

Water connection	G 3/8 A	G 3/8 A	G 3/8 A
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Values

Max. permissible inlet temperature	35 °C	35 °C	35 °C
ON	> 1,6 l/min	> 2,0 l/min	> 2,6 l/min
Pressure drop at flow rate	0,05 MPa	0,06 MPa	0,08 MPa
Flow rate for pressure drop	1,6 l/min	2,0 l/min	2,6 l/min
Flow rate limit at	2,2 l/min	2,8 l/min	4,3 l/min
DHW delivery	2,0 l/min	2,5 l/min	3,2 l/min
$\Delta\theta$ at DHW delivery	25 K	25 K	25 K

Contact information

Do you have additional questions? Then please do not hesitate to contact us, we would be only too happy to help:

Call 0151 346 2300

Or send an e-mail to

sales@stiebel-eltron.co.uk

Only a qualified contractor should carry out the installation, commissioning, maintenance and repair of this appliance. Where applicable and prior to installation the electricity and/or water utility companies should be notified of your intention to install the product.