Example DNM 3 with 3.5 kW		
Flow rate	l/min	2.0
Increasing the temperature	K	25
Cold water supply temperature	°C	12
Maximum possible outlet temperature	°C	37

Note
An outlet temperature of 50 °C can be achieved with the lowest possible flow rate and the following cold water inlet temperatures:
- DNM 3 > 18 °C
- DNM 4 > 21 °C
- DNM 6 > 22 °C

15.4 Application areas

For the specific electrical resistance and specific electrical conductivity, see "Data table".

Standard specification at 15 °C			20 °C			25 °C		
Spec. resistance ρ ≥	Spec. conductivity σ ≤		Spec. resistance ρ ≥	Spec. conductivity σ ≤		Spec. resistance ρ ≥	Spec. conductivity σ ≤	
Ωcm	mS/m	µS/cm	Ωcm	mS/m	µS/cm	Ωcm	mS/m	µS/cm
1100	91	909	970	103	1031	895	112	1117

15.5 Details on energy consumption

Product data complies with EU regulations relating to the Directive on the ecodesign of energy related products (ErP).

		DNM 3	DNM 4	DNM 6
		185411	185415	185418
Manufacturer		STIEBEL ELTRON	STIEBEL ELTRON	STIEBEL ELTRON
Load profile		XXS	XXS	XXS
Energy efficiency class		A	A	A
Annual power consumption	kWh	477	478	478
Energy conversion efficiency	%	39	38	38
Sound power level	dB(A)	15	15	15
Special information on measuring efficiency		None	None	None

15.6 Data table

		DNM 3				DNM 4				DNM 6			
		185411				185415				185418			
Electrical details													
Rated voltage	V	200	220	230	240	200	220	230	240	200	220	230	240
Rated output	kW	2,7	3,2	3,5	3.8	3,3	4,0	4,4	4.8	4,3	5,2	5,7	6.2
Rated current	A	13,3	14,5	15,2	15.8	16,7	18,2	19,1	20	21,6	23,6	24,7	25.8
Fuse	A	16	16	16	16	20	20	20	20	25	25	25	32
Frequency	Hz	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Phases		1/N/PE				1/N/PE				1/N/PE			
Max. mains impedance at 50 Hz	Ω									0,434	0,394	0,377	0,361
Specific resistance ρ_{15} ≥ (at ϑcold ≤25 °C)	Ω cm	1100				1100				1100			
Specific conductivity σ_{15} ≤ (at ϑcold ≤25 °C)	µS/cm	909				909				909			
Connections													
Water connection		G 3/8 A				G 3/8 A				G 3/8 A			
Application limits													
Max. permissible pressure	MPa	0				0				0			
Values													
Max. permissible inlet temperature	°C	35				35				35			
ON	l/min	> 1,6				> 2,0				> 2,6			
Pressure drop at flow rate	MPa	0,05				0,06				0,08			
Flow rate for pressure drop	l/min	1,6				2,0				2,6			
Flow rate limit at	l/min	2,2				2,8				4,3			
DHW delivery	l/min	2,0				2,5				3,2			
Δϑ at DHW delivery	K	25				25				25			
Hydraulic data													
Rated capacity	l	0,1				0,1				0,1			
Versions													

INSTALLATION
Specification

		DNM 3	DNM 4	DNM 6
Oversink installation		X	X	X
Undersink installation		X	X	X
Open vented type		X	X	X
IP-Rating		IP25	IP25	IP25
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
Dimensions				
Height	mm	143	143	143
Width	mm	190	190	190
Depth	mm	82	82	82
Weights				
Weight	kg	1,4	1,4	1,4