






2. Technical specifications

Model	DEX12 Next		DEX Next			
Energy efficiency class	A *)					
Rated capacity / rated current	8.8 kW..11.5 kW (38 A..50 A)		18 kW..27 kW (26 A..39 A)			
Chosen capacity / current	8,8 kW / 38 A	11.5 kW / 50 A	18 kW / 26 A	21 kW / 30 A	24 kW / 35 A	27 kW / 39 A
Electrical connection	1/N/PE 220 V .. 240 V		3~ / PE 380..415 V AC			3~ / PE 400 V AC
Min. required cable size ¹⁾	10.0 mm ²	10.0 mm ²	4.0 mm ²	4.0 mm ²	6.0 mm ²	6.0 mm ²
Hot water (l/min) max. at $\Delta t = 28$ K max. at $\Delta t = 38$ K	4.5 3.3	5.9 ²⁾ 4.3	9.2 ²⁾ 6.8	10.7 ²⁾ 7.9	12.3 ²⁾ 9.0 ²⁾	13.8 ²⁾ 10.2 ²⁾
Rated volume	0.4 l					
Rated pressure	1.0 MPa (10 bar)					
Connecting type	pressure-resistant / pressureless					
Heating system	Bare wire heating system IES [®]					
@ 15 °C: Required specific water resistance Specific electrical conductivity	$\geq 1100 \Omega\text{cm}$ $\leq 90 \text{ mS/m}$					
Inlet temperature	$\leq 70 \text{ °C}$					
Flow rate to switch on – max. flow rate	1.5 l/min – 5.0 ³⁾		1.5 l/min – 8.0 ³⁾			
Pressure loss	0.08 bar at 1.5 l/min 1.3 bar at 9.0 l/min ⁴⁾					
Temperature range	20 °C – 60 °C					
Water connection	G ½ inch					
Weight (when filled with water)	4.2 kg					
VDE class of protection	I					
Type of protection / safety	   IP25 CE UK CA					

*) The declaration complies with the EU regulation No 812/2013.

1) Maximum applicable cable size is 10 mm² at electrical connection from above (DEX Next only)

2) Mixed water

3) Flow rate limited to achieve optimum temperature rise

4) Without flow regulator