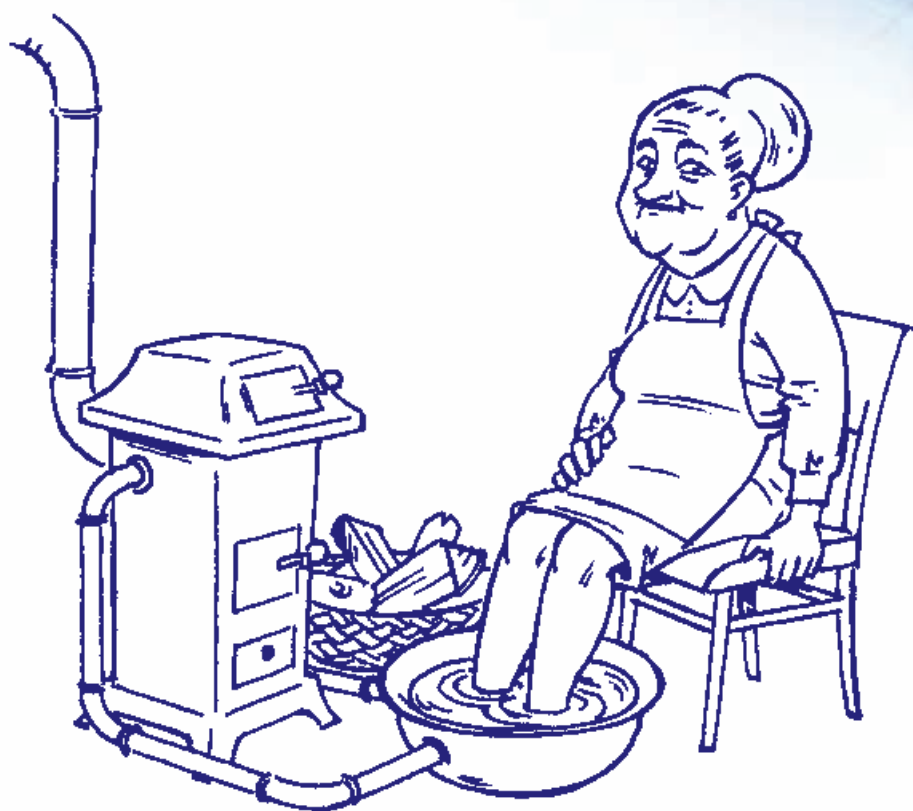


HEATING FOR SWIMMING POOL WATER



ELECTRIC HEATER

Series D-EWT - STAINLESS STEEL

Polished surface, with a combined connection R 1 1/2" (internal) x NW 50 (external), heating element, made of Incoloy 825, flow sensor, plastic grips installed as a standard

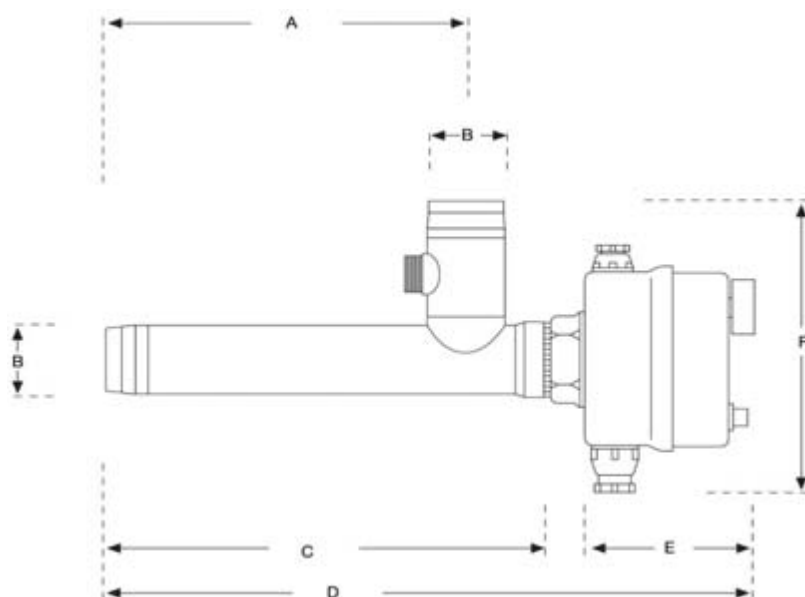
- Material: AISI 316 V4 A stainless steel - polished
- Resistor: Incoloy 825
- Flow switch min. 3000 l/h or pressure switch min. 4000 l/h
- Temperature-setting thermostat: 0-40°C
- Safety thermostat cutting-off: at 55°C
- Operating pressure: max. 3 bar



					Rabat Group
400001	D-EWT 1,5	Capacity: 1,5 kW	Volt: 230	B	
400002	D-EWT 3	Capacity: 3 kW	Volt: 400	B	
400003	D-EWT 6	Capacity: 6 kW	Volt: 400	B	
400004	D-EWT 9	Capacity: 9 kW	Volt: 400	B	
400005	D-EWT 12	Capacity: 12 kW	Volt: 400	B	
400006	D-EWT 15	Capacity: 15 kW	Volt: 400	B	
400007	D-EWT 18	Capacity: 18 kW	Volt: 400	B	

Use only water with the following values:

- Chloride cont.: max. 500 mg/l
- Free chlorine: max. 1,3 mg/l
- pH: max. 6,8 - 8,2
- Salt: max. 500 ppm - mg/l
- Bromine: max. 4 mg/l



D-EWT heaters dimensions

CODE KÓD KODE	TYPE TYP TYP	CAPACITY VÝKON LEISTUNG	VOLTAGE NAPĚTI SPANNUNG	DIMENSIONS / ROZMĚRY / ABMESSUNGEN [mm]					
				A	B	C	D	E	F
400001	D-EWT 1,5	1,5 kW	230 V	236	1 1/2" x NW 50	290	430	110	205
400002	D-EWT 3	3 kW	400 V	236	1 1/2" x NW 50	290	430	110	205
400003	D-EWT 6	6 kW	400 V	306	1 1/2" x NW 50	360	500	110	205
400004	D-EWT 9	9 kW	400 V	306	1 1/2" x NW 50	360	500	110	210
400005	D-EWT 12	12 kW	400 V	396	1 1/2" x NW 50	450	595	110	210
400006	D-EWT 15	15 kW	400 V	496	1 1/2" x NW 50	550	695	110	220
400007	D-EWT 18	18 kW	400 V	596	1 1/2" x NW 50	650	795	110	220

Series D-EWT T- TITANIUM

with a combined connection R 1½" , external threaded, heating element made of Incoloy 825, thermostat 0 – 40°C, safety thermostat 51°C, flow sensor, plastic grips installed as a standard

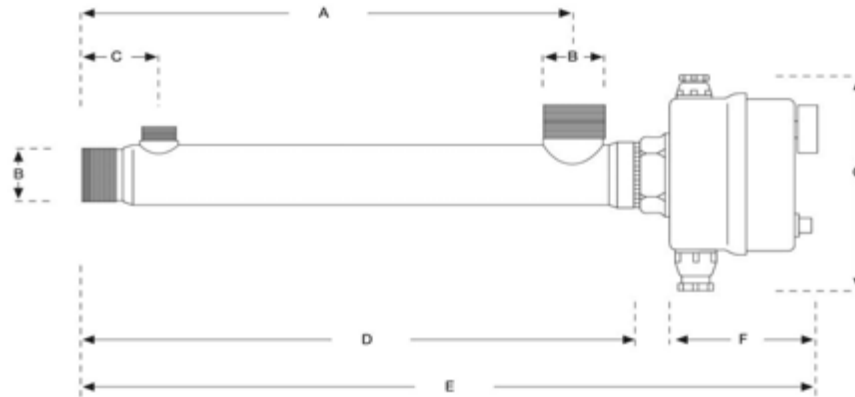
- Material: electrically Silver-enamel finish titanium
- Resistor: Incoloy 825
- Flow switch min. 3000 l/h or pressure switch min. 4000 l/h
- Temperature-setting thermostat: 0-40°C
- Safety thermostat cutting-off: at 55°C
- Operating pressure: max. 3 bar



					Rabat Group
400101	D-EWT 1,5 T	Capacity: 1,5 kW	Volt: 230		B
400102	D-EWT 3 T	Capacity: 3 kW	Volt: 400		B
400103	D-EWT 6 T	Capacity: 6 kW	Volt: 400		B
400104	D-EWT 9 T	Capacity: 9 kW	Volt: 400		B
400105	D-EWT 12 T	Capacity: 12 kW	Volt: 400		B
400106	D-EWT 15 T	Capacity: 15 kW	Volt: 400		B
400107	D-EWT 18 T	Capacity: 18 kW	Volt: 400		B

Use only water with the following values:

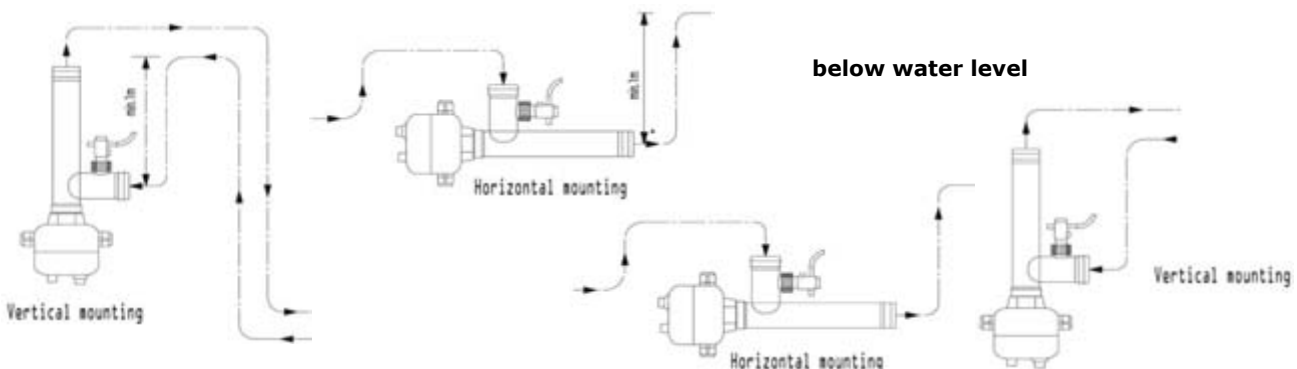
- Chloride cont.: max. 500 mg/l
- Free chlorine: max. 1,3 mg/l
- pH: max. 6,8 - 8,2
- Salt: max. 500 ppm - mg/l
- Bromine: max. 4 mg/l



D-EWT T heaters dimensions

CODE KÓD KODE	TYPE TYP TYP	CAPACITY VÝKON LEISTUNG	VOLTAGE NAPĚTÍ SPANNUNG	DIMENSIONS / ROZMĚRY / ABMESSUNGEN [mm]						
				A	B	C	D	E	F	G
400101	D-EWT 1,5 T	1,5 kW	230 V	293	1½" AG	50	345	477	110	175
400102	D-EWT 3 T	3 kW	400 V	293	1½" AG	50	345	477	110	175
400103	D-EWT 6 T	6 kW	400 V	363	1½" AG	50	415	547	110	175
400104	D-EWT 9 T	9 kW	400 V	363	1½" AG	50	415	547	110	180
400105	D-EWT 12 T	12 kW	400 V	453	1½" AG	50	505	637	110	180
400106	D-EWT 15 T	15 kW	400 V	553	1½" AG	50	605	737	110	185
400107	D-EWT 18 T	18 kW	400 V	653	1½" AG	50	705	837	110	185

above water level



HEATING EXCHANGER

Series D-HWT

Polished surface, with a combined connection R 1 ½" x NW 50 or 2" x NW 60, stainless-steel outer casing, stainless-steel heating element, thermostat socket d 15 x 40 mm

- Material: AISI 316 V4 A stainless steel
- mirror finishing
- Operating pressure heating: max. 10 bar
- Operating pressure pool water: max. 3 bar



			90-70°	60-40°	Rabat Group
400008	D-HWT 35	Capacity:	42 kW	24 kW	B
400009	D-HWT 65	Capacity:	76 kW	43 kW	B
400010	D-HWT 93	Capacity:	105 kW	60 kW	B
400011	D-HWT 122	Capacity:	146 kW	83 kW	B
400012	D-HWT 182	Capacity:	210 kW	120 kW	B

Technical specification - next page !

CODE KÓD KODE	TYPE TYP	CAPACITY / VÝKON / LEISTUNG OPER. TEMPERATURE HEATING		PUMP CAPACITY HEATING / VÝKON ČERPADLA TOPENÍ	PUMP CAPACITY S. POOL WATER / VÝKON BAZÉN, ČERP.	LOSS HEATING / TLAK, ZTÁTA VTP OKRUHU	LOSS S. POOL WATER / TLAK. ZTRÁTA B. OKRUHU	DIMENSIONS / ROZMĚRY / ABMESSUNGEN [mm]					
		90-70°C	60-40°C					A	B	C	D	E	F
400008	D-HWT 35	42 kW	24 kW	2 m³/h	10 m³/h	0,18 bar	0,10 bar	385	Ø125	205	NW/50	1½"	¾"
400009	D-HWT 65	76 kW	43 kW	3 m³/h	12 m³/h	0,22 bar	0,18 bar	680	Ø125	495	NW/50	1½"	1"
400010	D-HWT 93	105 kW	60 kW	5 m³/h	15 m³/h	0,40 bar	0,22 bar	780	Ø160	590	NW/60	2"	1"
400011	D-HWT 122	146 kW	83 kW	2x 3 m³/h	20 m³/h	0,25 bar	0,60 bar	1050	Ø160	370	NW/60	2"	1"
400012	D-HWT 182	210 kW	120 kW	2x 5 m³/h	25 m³/h	0,30 bar	1,00 bar	1370	Ø160	530	NW/60	2"	1"

Series D-TWT

A combined connection R 1 ½" x NW 50, titanium outer casing, titanium heating element, thermostat socket d 15 mm x 40 mm

- Material: Titan silver varnished
- Operating pressure heating: max. 10 bar
- Operating pressure pool water: max. 3 bar



			90-70°	60-40°	Rabat Group
400015	D-TWT 35	Capacity:	42 kW	24 kW	B
400016	D-TWT 65	Capacity:	76 kW	43 kW	B
400020	D-TWT 93	Capacity:	105 kW	60 kW	B

Technical specification - next page !

CODE KÓD KODE	TYPE TYP	CAPACITY / VÝKON / LEISTUNG OPER. TEMPERATURE HEATING		PUMP CAPACITY HEATING / VÝKON ČERPADLA TOPENÍ	PUMP CAPACITY S. POOL WATER / VÝKON BAZÉN, ČERP.	LOSS HEATING / TLAK, ZTÁTA VTP OKRUHU	LOSS S. POOL WATER / TLAK. ZTRÁTA B. OKRUHU	DIMENSIONS / ROZMĚRY / ABMESSUNGEN [mm]					
		90-70°C	60-40°C					A	B	C	D	E	F
400015	D-TWT 35	42 kW	24 kW	3 m³/h	12 m³/h	0,2 bar	0,10 bar	385	Ø125	205	1½" AG	-	¾"
400016	D-TWT 65	76 kW	43 kW	4 m³/h	15 m³/h	0,2 bar	0,22 bar	680	Ø125	495	1½" AG	-	1"
400020	D-TWT 93	105 kW	60 kW	6 m³/h	18 m³/h	0,4 bar	0,22 bar	780	Ø160	590	2" AG	-	1"

LOW TEMPERATURE HEAT EXCHANGERS

Series D-NWT

Polished surface, with a combined connection R 1 1/2" x NW 50, stainless steel outer casing, stainless steel heating element, thermostat socket d 15 x 40 mm

- Material: AISI 316 V4 A stainless steel
- mirror finishing

- Operating pressure heating: max. 10 bar
- Operating pressure pool water: max. 3 bar



400013 **D-NWT 18**
400014 **D-NWT 35**

50-40°
Rabat Group
Capacity: 20 kW B
Capacity: 40 kW B

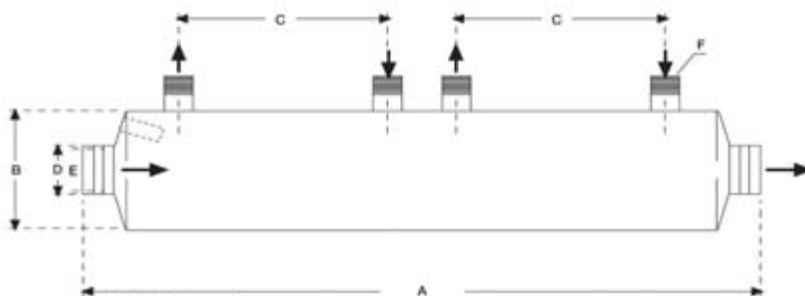
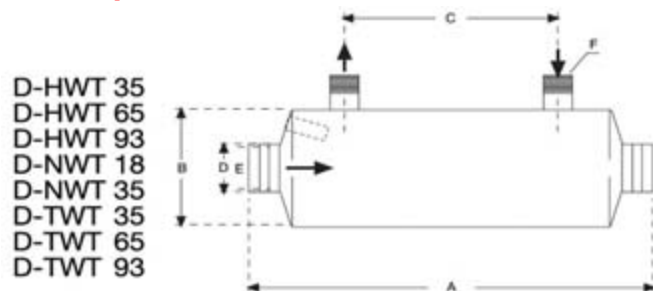
CODE KÓD KODE	TYPE TYP TYP	CAPACITY / VÝKON / LEISTUNG OPER. TEMPERATURE HEATING 50-40°C	PUMP CAPACITY HEATING / VÝKON ČERPADLA TOPENÍ	PUMP CAPACITY S. POOL WATER / VÝKON BAZÉN, ČERP.	LOSS HEATING / TLAK. ZTÁTA	LOSS S. POOL WATER / TLAK.	DIMENSIONS / ROZMĚRY / ABMESSUNGEN [mm]					
400013	D-NWT 18	20 kW	2 m³/h	10 m³/h	0,1 bar	0,18 bar	680	Ø125	495	NW/50	1½"	1"
400014	D-NWT 35	40 kW	3,6 m³/h	12 m³/h	0,35 bar	0,30 bar	1050	Ø160	820	NW/50	1½"	1"

Tech. specification - D-HWT, D-TWT, D-NWT

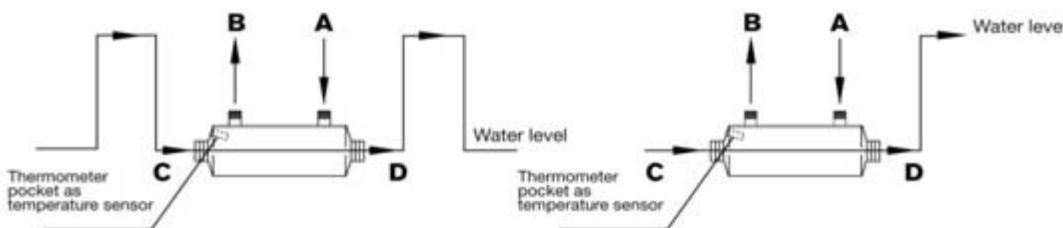
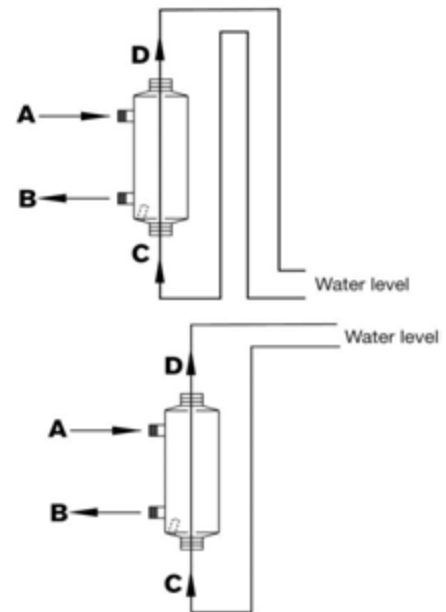
Use only water with the following values:

- D-HWT 35
- D-HWT 65
- D-HWT 93
- D-NWT 18
- D-NWT 35
- D-TWT 35
- D-TWT 65
- D-TWT 93

- Chloride content: max. 500 mg/l
- Chloride cont. (titan): max. 5000 mg/l
- Free chloride: 3 mg/l
- Free chloride (titan): no limit
- pH value: 6,8 - 8,2
- Bromine: max. 1,5 mg/l
- Salt: to 35 g/l



- D-HWT 122
- D-HWT 182
- D-SHWT 9/35
- D-SHWT 18/35



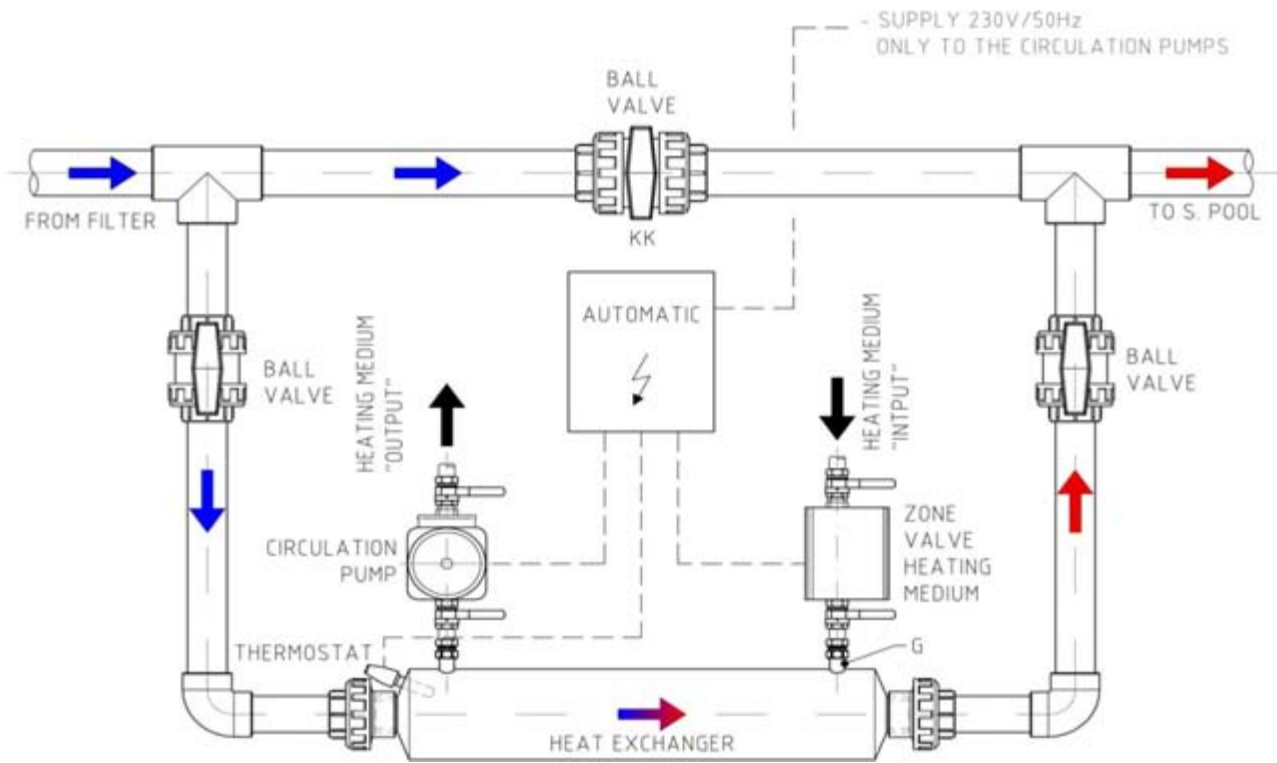
STAINLESS-STEEL HEAT EXCHANGER FOR POOLS

Polished surface, with a combined connection R 1 1/2" x NW 50 or 2" x NW 60, stainless-steel outer casing, stainless-steel heating element, heating circuit circulation pump, stop valve, thermostat, thermo control, all assembled on board 50 x 50 cm.

- Material: AISI 316 V4 A stainless steel
- mirror finishing
- Operating pressure heating: max. 10 bar
- Operating pressure pool water: max. 3 bar



			90-70°	60-40°	Rabat Group
400018	D-HWT 35 A	Capacity:	42 kW	24 kW	B
400019	D-HWT 65 A	Capacity:	76 kW	43 kW	B



ACCESSORIES TO HEAT EXCHANGER

		Rabat Group
86445	Thermostat to heat exchanger with sensor to socket 1/2"	A
303457	Stop valve Bürkert, 3/4"	A
4768	Control panel ON/OFF with signalling	A
25-40	Priming pump Grundfos	A