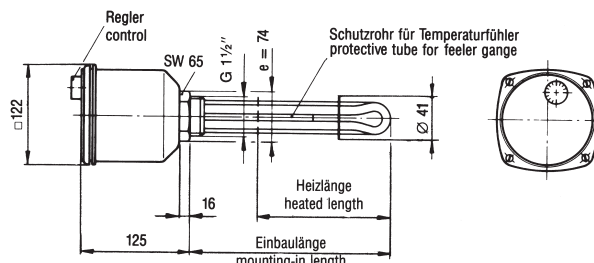




## CSN® SCREW-IN HEATER FOR INDUSTRIAL WATER WARMING WITH INSULATED HEATING ELEMENTS

For the calefaction of industrial water in enamelled steel pressure reservoirs or special steel storage tanks, respectively.  
 Max. 100°C, max. 10 bar



For pressure reservoirs made of refined steel or enamelled steel and anode screw-in type heaters ERCTBi will be used. In this finish the tubular heaters are mount galvanic isolated from gland G 1 1/2". Thereby, the protection current is prevented by the tubular heaters and the cathodic corrosion protection of the container barrier remains.

with hood IP 54 type	mounting-in length 80 mm unheated	voltage volts	capacity watts	surface load W/cm <sup>2</sup>	weight kgs
ERCTBi / 22	220	400 3~	2000	8,9	3,30
ERCTBi / 27	275	400 3~	3000	9,6	3,30
ERCTBi / 37	375	400 3~	4500	9,5	3,35
ERCTBi / 45	450	400 3~	6000	10,1	3,40
ERCTBi / 50	500	400 3~	6000	8,9	3,45
ERCTBi / 56	565	400 3~	7500	9,7	3,45
ERCTBi / 64	645	400 3~	9000	9,9	3,50
ERCTBi / 52	520	400 3~	3000	4,3	3,45
ERCTBi / 62	620	400 3~	4500	5,2	3,50
ERCTBi / 80	800	400 3~	6000	5,2	3,60
ERCTBiR / 52	520	400 3~	1500	2,1	3,45
ERCTBiR / 62	620	400 3~	2250	2,6	3,50
ERCTBiR / 80	800	400 3~	3000	2,6	3,60

non-stock item

### Important remarks:

Chalky water causes heavy formation of boiler scale and thus an overheating of the heating element. In order to reduce this, we recommend:

- adjustment of the water temperature not higher than 60 °C.
- reduction of the heater capacity, if necessary, in order to effect a lower surface temperature.

Please select therefor our types with the code „R“.

### Mode of operation:

If the CSN screw-in heaters are operated with a night current tariff (NCT), it is proposed, to consult the appropriate electric power supply company or a competent electrician. On request A.C. heating elements with open circuits can be supplied for a local installation of the control equipment (1/3 +1/3 +1/3 + load). The A.C. 3-phase heating elements are supplied with a free terminal of the neutral conductor and can be controlled by the locally installed equipment, too (unbalanced load).