



Usual applications

- Steam boilers
- Water baths
- Warming of diesel fuel
- Water heaters
- Oil chambers
- Distillation
- Cleaning
- Dyeing
- Liquid convection heating radiators
- Towel dryers
- Degreasing
- Endothermal or exothermal reactions requiring it
- Heating by circulation of liquids
- Fish farms
- Boiling vats
- Cooking vats
- Chemical industries
- Electromedicine...

General characteristics

- Tubular element of nickel-plated copper or stainless steel AISI 321 of Ø8 mm
- BSP threaded plug of stamped brass
- Polyester with fiber glass or bichromed zinc-plated steel protection hood, with degree protection against moisture IP-40.
- Optionally, all the models with BSP thread of 1 1/2", 2" and 2 1/2" can be supplied with aluminum connection box IP-66.
- Welded with silver alloy for stainless steel tube and with copper alloy for copper tube.
- Standard voltage ~230 V
- By request, special heating elements can be made according to your specifications:
 - Material tube: AISI 316L, Incoloy®-800, Incoloy®-825 and Titanium
 - Stainless steel or titanium BSP threaded plugs.

U-SHAPED HEATING ELEMENT WITH BRASS COUPLING PLUG

Code	L in mm	BSP Threaded plug	Watts	W/cm ²	Tube material	Peso en Kg	Escoïn's construct. thermic class	Box connection range	
								IP-40 (1)	IP-66 (2)
NA001	170	3/4"	500	8,3	SS	0,21	T-300-E	C-FE-3/4"	---
NA001C	170	3/4"	500	8,3	Cu	0,21	T-175-E	C-FE-3/4"	---
NA002	180	1 1/4"	500	8,3	SS	0,28	T-300-E	C-MENZ	Range P3
NA002C	180	1 1/4"	500	8,3	Cu	0,28	T-175-E	C-MENZ	Range P3
NA101	180	1"	500	8,3	SS	0,21	T-300-E	C-MENZ	---
NA101C	180	1"	500	8,3	Cu	0,21	T-175-E	C-MENZ	---
NA003	250	3/4"	750	7,5	SS	0,24	T-300-E	C-FE-3/4"	---
NA003C	250	3/4"	750	7,5	Cu	0,24	T-175-E	C-FE-3/4"	---
NA004	260	1 1/4"	750	7,5	SS	0,32	T-300-E	C-MENZ	Range P3
NA004C	260	1 1/4"	750	7,5	Cu	0,32	T-175-E	C-MENZ	Range P3
NA103	260	1"	750	7,5	SS	0,25	T-300-E	C-MENZ	---
NA103C	260	1"	750	7,5	Cu	0,25	T-175-E	C-MENZ	---
NA104C	260	1 1/2"	750	7,5	Cu	0,30	T-175-E	C-MENZ	---
NA005	340	3/4"	1000	7	SS	0,28	T-300-E	C-FE-3/4"	---
NA005C	340	3/4"	1000	7	Cu	0,28	T-175-E	C-FE-3/4"	---
NA006	350	1 1/4"	1000	7	SS	0,35	T-300-E	C-MENZ	Range P3
NA006C	350	1 1/4"	1000	7	Cu	0,35	T-175-E	C-MENZ	Range P3
NA105	350	1"	1000	7	SS	0,29	T-300-E	C-MENZ	---
NA105C	350	1"	1000	7	Cu	0,29	T-175-E	C-MENZ	---
NA008	520	1 1/4"	1500	6,6	SS	0,44	T-300-E	C-MENZ	Range P3
NA008C	520	1 1/4"	1500	6,6	Cu	0,44	T-175-E	C-MENZ	Range P3
NA108	520	1"	1500	6,6	SS	0,36	T-300-E	C-MENZ	---
NA108C	520	1"	1500	6,6	Cu	0,36	T-175-E	C-MENZ	---
NA010	680	1 1/4"	2000	6,5	SS	0,50	T-300-E	C-MENZ	Range P3
NA010C	680	1 1/4"	2000	6,5	Cu	0,50	T-175-E	C-MENZ	Range P3



DOUBLE LOOP U-SHAPED HEATING ELEMENT WITH BRASS COUPLING PLUG

Code	L in mm	BSP Threaded plug	Watts	W/cm ²	Tube material	Weight in Kg	Escoïn's construct. thermic class	Box connection range	
								IP-40 (1)	IP-66 (2)
OV001	140	1 1/4"	600	7,1	SS	0,29	T-300-E	C-MENZ	Range P3
OV003	170	1 1/4"	800	7	SS	0,33	T-300-E	C-MENZ	Range P3
OV003C	170	1 1/4"	800	7	Cu	0,33	T-175-E	C-MENZ	Range P3
OV105	235	1 1/4"	400	2,2	SS	0,37	T-300-E	C-MENZ	Range P3
OV005	235	1 1/4"	1200	6,7	SS	0,42	T-300-E	C-MENZ	Range P3
OV005C	235	1 1/4"	1200	6,7	Cu	0,42	T-175-E	C-MENZ	Range P3
OV107	345	1 1/4"	900	3,1	SS	0,51	T-300-E	C-MENZ	Range P3
OV007	345	1 1/4"	1800	6,3	SS	0,51	T-300-E	C-MENZ	Range P3
OV007C	345	1 1/4"	1800	6,3	Cu	0,51	T-175-E	C-MENZ	Range P3
OV009	445	1 1/4"	2400	6,2	SS	0,56	T-300-E	C-MENZ	Range P3
OV009C	445	1 1/4"	2400	6,2	Cu	0,56	T-175-E	C-MENZ	Range P3
OV111	505	1 1/4"	1000	2,2	SS	0,61	T-300-E	C-MENZ	Range P3
OV211	505	1 1/4"	1500	3,4	SS	0,61	T-300-E	C-MENZ	Range P3
OV011	505	1 1/4"	3000	6,7	SS	0,61	T-300-E	C-MENZ	Range P3
OV011C	505	1 1/4"	3000	6,7	Cu	0,61	T-175-E	C-MENZ	Range P3



TRIPLE LOOP U-SHAPED HEATING ELEMENT WITH BRASS COUPLING PLUG

Code	L in mm	BSP Threaded plug	Watts	W/cm ²	Tube material	Weight in Kg	Escoïn's constructive thermic class	Box connection range	
								IP-40 (1)	IP-66 (2)
T001	150	1 1/4"	750	5	Inox	0,36	T-300-E	C-MENZ	Range P3
T003	200	1 1/4"	1000	4,4	Inox	0,24	T-300-E	C-MENZ	Range P3
T005	250	1 1/4"	1500	5,7	Inox	0,49	T-300-E	C-MENZ	Range P3
T007	350	1 1/4"	2000	4,5	Inox	0,62	T-300-E	C-MENZ	Range P3
T108	250	2"	2000	4,9	Inox	0,86	T-300-E	C-FE-2"	---
T009	450	1 1/4"	2500	4,2	Inox	0,74	T-300-E	C-MENZ	Range P3
T011	550	1 1/4"	3000	4	Inox	0,88	T-300-E	C-MENZ	Range P3



Note 1: In the elements with 3/4" BSP coupling plug, the protection hood is optional and is not included in price.
Code 108006001

Note 2: If you require weldable flanges, nuts and threaded adapters for all these elements, see page nº 6