General characteristics

- Electric heating element Class I.
- Hermetic head (Degree protection against moisture IP67) in steel, except C405 model in stainless steel AISI 316.
- The upper part of the hermetic head incorporates a female 1/2" BSP thread to connect a tube.
- Heating element in stainless steel tube AISI 321, except for C405 models in AISI 316L
- Model C405 with two sheaths of Øint 8,5 mm for temperature sensors or bulb thermostats.
- Watertight gasket.
- For installations of acid/basic liquids or especially dense liquid, they can be manufactured in 316L stainless steel tube, Incoloy 800, Incoloy 825, and/or with lower charge densities.

(*) IP67 protection is ensured in the final installation with the appropriate nipples and joints on the ½" BSP female thread.

They allow, by means of a 1/2" BSP tube properly connected to the CUP heating element, conserving the degree protection against moisture, to prolong and to protect the connection cables, creating the cold zone and exit to the outside according to your necessities.

The C405 model is provided with two sheaths. The sheaths can be used for implementing control and safety elements, such as rod thermostats TER-DI-178-10-80-NEF (see pag 108) regulatable from 10 - 80 °C, or automatic or manual reset temperature limiters. Model C405 also allows safety elements within its two sheaths, such as fuses for external temperature, range of 15 A of 60 °C and 93 °C in temperature of non rearmable safety cut out and automatic reset thermostats models 9700 (13 A) 90 °C and 75 °C (see pag 106).

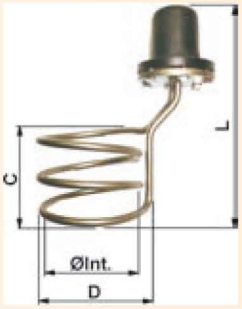
All the other models allow the placing of the previously mentioned security elements inside the CUP, with the exception of the rod thermostats

CENTERED 1/2" BSP CUP

Figure 1

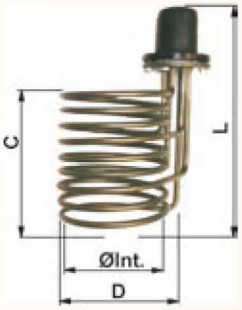
OFFCENTRE 1/2" BSP CUP

Figure 2



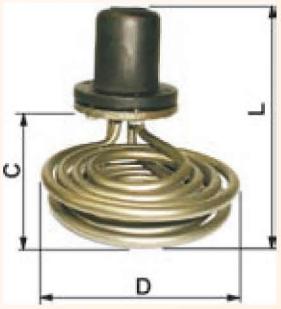
THREE-PHASE 1/2" BSP CUP

Figure 3



FLAT 1/2" BSP CUP

Figure 4



THREE-PHASE 1/2" BSP CUP

Figure 5

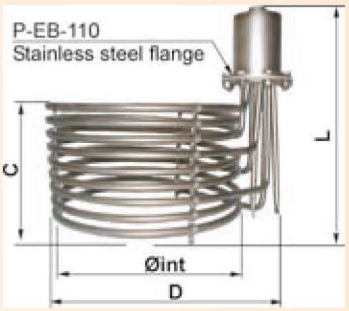


Figure	Code	Dimensions in mm				Volts	Watts	W/cm²	Tube material	Plate and connection box material	Santi Escoin's constructive thermic class	Weight in Kg
		C Heatig zone	D	ØInt	L							
1	C010	135	73	-	240	~230	1500	3,4	AISI 321 Ø8	Steel	T-300-E	1,4
	C011	165	73	-	270	~230	2000	4,0	AISI 321 Ø8	Steel	T-300-E	1,4
	C012	225	73	-	330	~230	3000	3,8	AISI 321 Ø8	Steel	T-300-E	1,7
2	C001	100	120	95	210	~230	1000	3,9	AISI 321 Ø8	Steel	T-300-E	1,2
	C002	100	160	130	210	~230	2000	3,6	AISI 321 Ø8	Steel	T-300-E	1,5
	C003	150	210	184	260	~230	3000	4,0	AISI 321 Ø8	Steel	T-300-E	1,6
	C004	150	210	180	260	~230	4500	3,4	AISI 321 Ø10	Steel	T-300-E	2,4
3	C302	170	170	118	270	3~230 Δ 3~400 ⅄	3000	3,2	AISI 321 Ø8	Steel	T-300-E	1,8
	C303	230	170	118	330	3~230 Δ 3~400 ⅄	4500	3,8	AISI 321 Ø8	Steel	T-300-E	2,2
	C304	160	245	190	260	3~230 Δ 3~400 ⅄	6000	3,3	AISI 321 Ø8	Steel	T-300-E	2,6
4	C013	35	130	-	135	~230	1000	3,5	AISI 321 Ø8	Steel	T-300-E	1,2
	C014	50	130	-	135	~230	2 x 1000	3,6	AISI 321 Ø8	Steel	T-300-E	1,5
5	C405	173	343	280	344	3~230 Δ 3~400 ⅄	9000	3,1	AISI 316L Ø10	Stainless Steel	T-301-E	4,1

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