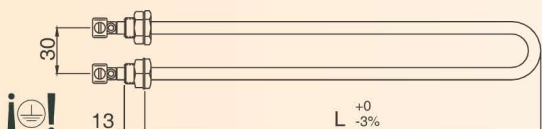


General characteristics

- Tubular elements of stainless steel AISI 304L or AISI 321 Ø8 mm, insulated with electromelted and lamination-compressed magnesium oxide.
- M13 x 1,25 mm brass connectors, welded to the tube with silver alloy.
- Standard voltage ~230 V



Method of use

To ensure a correct functioning of these elements you must bear in mind the following parameters:

- Minimum air velocity: **6 m/sec.**
- Maximum air temperature: **40 °C.**

Code	L in mm	Thread	Watts	W/cm ²	Tube material	Santi Escoin's constructive thermic class	Weight in Kg
U002	260	M13	750	7,5	Stainless Steel	T-600-E	0,17
U003	350	M13	1000	7	Stainless Steel	T-600-E	0,21
U004	520	M13	1500	6,6	Stainless Steel	T-600-E	0,28
U005	680	M13	2000	6,5	Stainless Steel	T-600-E	0,35

General characteristics

- Tubular elements of stainless steel AISI 304L or AISI 321 Ø8 mm, insulated with electromelted and lamination-compressed magnesium oxide.
- Terminals BM4-S (Thread M4).
- Standard voltage ~230 V

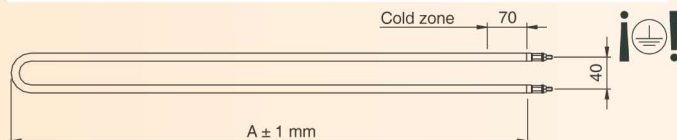
Applications

- Air conditioning.
- Due to the low watt density of maximum 3,6 W/cm² you can use these elements for heating air to a maximum temperature of 200 °C with an air velocity of v_{air} = 2 m/seg over the heating zone.
- In attached table you can see the maximum working temperature according to the air velocity through the heating elements

W/cm ²	Air at rest	Air at 1 m/seg In element area	Air at 2 m/seg In element area	Air at 3 m/seg In element area	Air at 4 m/seg In element area
3,6	NO	90 °C	200 °C	270 °C	325 °C
Maximum ambient temperature in element area					

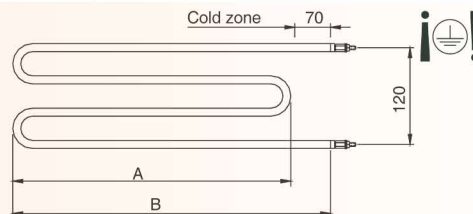
“U” Shape elements. UST Range

Code	Dim. A in mm	Watts	W/cm ²	Santi Escoin's constructive thermic class	Weight in Kg
UST1	599	1000	3,6	T-600-S	0,26
UST1,5	936	1500	3,5	T-600-S	0,40
UST2	1134	2000	3,6	T-600-S	0,50



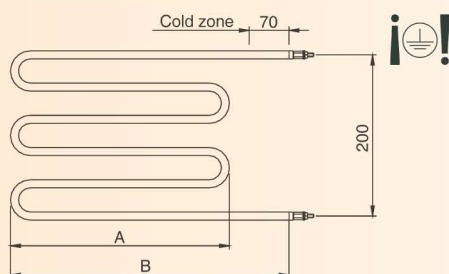
“M-4” Shape elements. M4ST Range

Code	Dimensions in mm		Watts	W/cm ²	Santi Escoin's constructive thermic class	Weight in Kg
	A	B				
M4ST1	259	329	1000	3,6	T-600-S	0,26
M4ST1,5	425	500	1500	3,5	T-600-S	0,40
M4ST2	527	598	2000	3,6	T-600-S	0,50



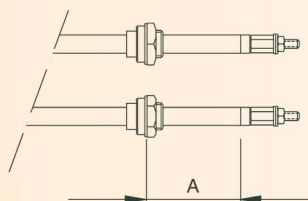
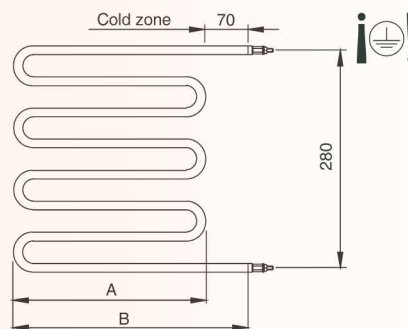
“M-6” Shape elements. M6ST Range

Code	Dimensions in mm		Watts	W/cm ²	Santi Escoin's constructive thermic class	Weight in Kg
	A	B				
M6ST1	169	239	1000	3,6	T-600-S	0,26
M6ST1,5	275	365	1500	3,5	T-600-S	0,40
M6ST2	348	416	2000	3,6	T-600-S	0,50



“M” Shape elements. M8ST Range

Code	Dimensions in mm		Watts	W/cm ²	Santi Escoin's constructive thermic class	Weight in Kg
	A	B				
M8ST1,5	205	288	1500	3,5	T-600-S	0,40
M8ST2	258	327	2000	3,6	T-600-S	0,50



Option: Loose elements with M12x1'25 crimped connectors.

If you require, we can also supply you with the different types of heating elements with crimped connectors of M12x1'25 mm. When ordering, please specify the dimension A you require, noting that the maximum A = 40 mm

M12 Fast mounting connectors that anchor the element when the coupling presses on the foil. Each connector is supplied with a M12 nut and a washer.

Code	Description
102101011	M12x1,25 Quick fit connectors
128182000	Bags of 24 units