



General characteristics

- Tubular elements in stainless steel tube AISI 321 or 304L of Ø8 mm, insulated with electromelted and lamination-compressed magnesium oxide
- Terminals BM4-P (Thread M4)
- Zinc-plated steel crimped connectors, thread M12x1'25 mm
- Standard voltage ~230 V

Usual applications

- Air conditioning
- Recirculated air heaters
- Static air heaters
- Black heat
- Textile industrial heating
- Trichloroethylene vapor reheating
- Shrink plastic ovens
- Ovens in general
- Dryers
- Air heaters
- Hot air convectors
- Chemical reactors

Models REINF

Code	Dimensions in mm		Watts	W/cm ²	Santi Escoin's constructive thermic class	Weight in Kg
	C	L				
REINF460	50	460	500	5,7	T-700-T	0,10
REINF960	50	960	1000	4,7	T-700-T	0,20

Models R

Code	Dimensions in mm			Watts	W/cm ²	Santi Escoin's constructive thermic class	Weight in Kg
	A	C	L				
R762	738	45	762	500	3	T-700-T	0,20
R1092	1068	45	1092	750	3,1	T-700-T	0,26
R1422	1398	45	1422	1000	3,1	T-700-T	0,34
R2092	2068	45	2092	1500	3	T-700-T	0,49

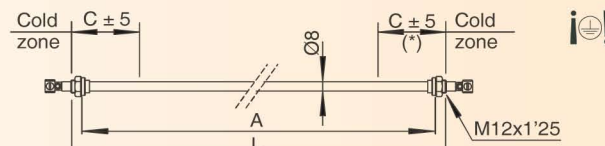
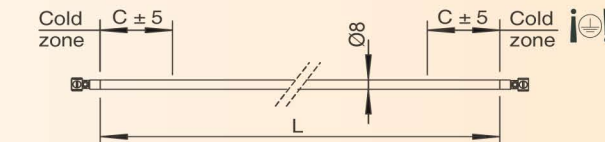
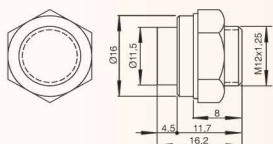
Models U

Code	Dimensions in mm			Watts	W/cm ²	Santi Escoin's constructive thermic class	Weight in Kg
	A	C	L				
U365	365	45	377	500	3	T-700-T	0,20
U530	530	45	542	750	3,1	T-700-T	0,26
U695	695	45	707	1000	3,1	T-700-T	0,34
U1030	1030	45	1042	1500	3,1	T-700-T	0,49
U1365	1365	45	1377	2000	3,1	T-700-T	0,58

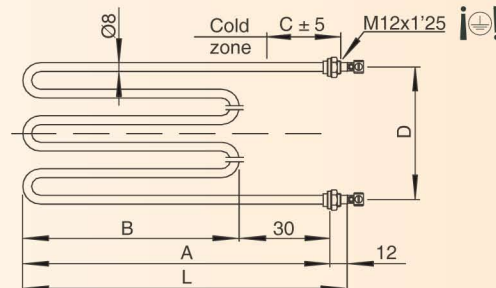
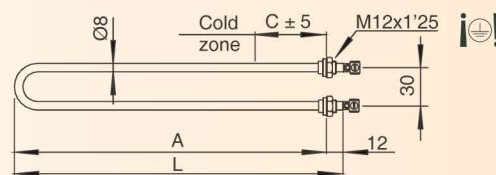
Models Mx360

Code	Dimensions in mm					Watts	W/cm ²	Santi Escoin's constructive thermic class	Weight in Kg
	A	B	C	D	L				
M4360	360	330	45	90	372	1000	3,1	T-700-T	0,34
M6360	360	330	45	150	372	1500	3,1	T-700-T	0,49
M8360	360	330	45	210	372	2000	3,1	T-700-T	0,58
M12360	360	330	45	330	372	3000	3	T-700-T	0,89

Dimensions of the M12x1'25 crimped connector



(*) The connector of one of the ends is installed without being attached



GROUP 2A - Heating elements for air and/or immersion

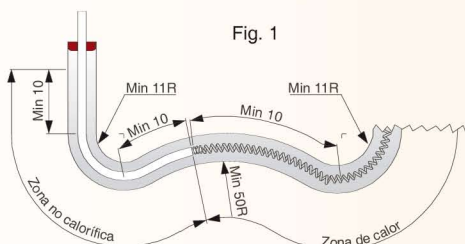
2A.1 - Straight annealed elements in Stainless Steel tube

General characteristics

- Tubular elements in annealed stainless steel tube AISI 321 or 304L of Ø8 mm, insulated with electromelted and lamination-compressed magnesium oxide.
- M3.5 terminal. Direct thread on element terminal
- 6 M3.5 nuts and 8 washers are supplied with each element for its connection.
- Standard voltage ~230 V

Usual applications

- **Outdoor work:** Up to 100°C room temperature with still air. Forced air is recommended for higher working temperatures. Contact our Technical Department in case of doubt.
- **Work in immersion:** The connection terminals must be sealed hermetically beforehand. Suitable for use in water with low chlorine content (natural water). Also suitable for neutral and alkaline (PH>6) aqueous solutions, heating oils (maximum working temperature depending on oil quality). Do not use well water or water that has flowed through copper tubing.



These resistors may be bent to a radius of 11 mm.
IMPORTANT: The two ends of the heating area should be kept to a minimum of 10 mm from any curve with a radius under 50 mm, as shown in Fig.1.
BEND AT ENDS: At least 10 mm should be left unbent at each end of the tube.

Code	Dimensions in mm		Seal type	Watts	W/cm ²	Weight in Kg
	A	L				
RR0,5S	400	500	Silicone 200	500	5	0,10
RR0,75S	650	750	Silicone 200	750	4,6	0,16
RR1S	900	1000	Silicone 200	1000	4,5	0,22
RR1,5S	1400	1500	Silicone 200	1500	4,3	0,32
RR2S	1900	2000	Silicone 200	2000	4,2	0,43
RR2,5S	2400	2500	Silicone 200	2500	4,2	0,54
RR3S	2900	3000	Silicone 200	3000	4,2	0,64
RR0,5R150	400	500	Resin 150	500	5	0,10
RR0,75R150	650	750	Resin 150	750	4,6	0,16
RR1R150	900	1000	Resin 150	1000	4,5	0,22
RR1,5R150	1400	1500	Resin 150	1500	4,3	0,32
RR2R150	1900	2000	Resin 150	2000	4,2	0,43
RR2,5R150	2400	2500	Resin 150	2500	4,2	0,54
RR3R150	2900	3000	Resin 150	3000	4,2	0,64
RR0,5R250	400	500	Resin 250	500	5	0,10
RR0,75R250	650	750	Resin 250	750	4,6	0,16
RR1R250	900	1000	Resin 250	1000	4,5	0,22
RR1,5R250	1400	1500	Resin 250	1500	4,3	0,32
RR2R250	1900	2000	Resin 250	2000	4,2	0,43
RR2,5R250	2400	2500	Resin 250	2500	4,2	0,54
RR3R250	2900	3000	Resin 250	3000	4,2	0,64

