

## STRAIGHT ANNEALED ELEMENTS ADAPTABLE FOR EVAPORATORS OR TRAY DEFROSTING, RRFI RANGE

### Technical data RRFI range

- Stainless steel tube AISI 321 or AISI 304L ANNEALED of Ø8 mm.
- Vulcanized hoods Ø8\*7 mm.
- Degree protection against moisture IP67.
- Connection cable HAR H05S-K 1,5 mm<sup>2</sup> with 500 mm long.
- Standard voltage: ~230 V

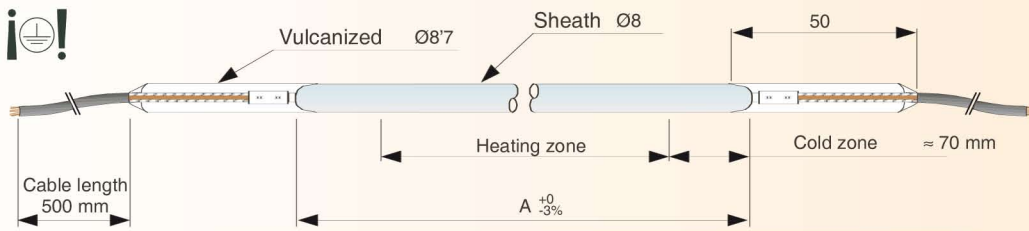
### Particular characteristics RRFI3'9E model

- Stainless steel tube AISI 321 NOT ANNEALED of Ø8 mm.
- Minimum inner radius of bending 35 mm. See NOTE (1)
- Vulcanized hoods Ø12 mm.
- Degree protection against moisture IP67.
- Connection cable HAR H05S-K 1,5 mm<sup>2</sup> with 500 mm long + earth connection.
- Standard voltage: ~230 V



### Usual applications

- Industrial cooling
- Evaporators
- Melting of snow and ice on rinks
- Cold-storage chambers
- Display cases
- Freezer chambers
- Defrosting of cold-storage chambers (joints, doors, trays, drain pipes, demisting, glass, etc.)
- Maintenance of heat in the piping of sanitary hot water installations
- Fluidization of high viscosity liquids
- Heating of pipes and tanks



| Code     | Dimension A in mm | Watts | W/cm <sup>2</sup> | Santi Escoïn's construct. thermic class | Weight in Kg |
|----------|-------------------|-------|-------------------|---|--------------|
| RRFI1    | 1000              | 350   | 1,6               | T-600-E                                 | 0,25         |
| RRFI1,25 | 1250              | 450   | 1,5               | T-600-E                                 | 0,31         |
| RRFI1,5  | 1500              | 525   | 1,6               | T-600-E                                 | 0,37         |
| RRFI1,75 | 1750              | 625   | 1,5               | T-600-E                                 | 0,43         |
| RRFI2    | 2000              | 700   | 1,5               | T-600-E                                 | 0,50         |
| RRFI2,25 | 2250              | 800   | 1,5               | T-600-E                                 | 0,56         |
| RRFI2,5  | 2500              | 875   | 1,5               | T-600-E                                 | 0,62         |
| RRFI2,75 | 2750              | 950   | 1,5               | T-600-E                                 | 0,68         |
| RRFI3    | 3000              | 1000  | 1,5               | T-600-E                                 | 0,74         |
| RRFI3,25 | 3250              | 1125  | 1,4               | T-600-E                                 | 0,80         |
| RRFI3,5  | 3500              | 1250  | 1,5               | T-600-E                                 | 0,86         |
| RRFI3,9E | 3907              | 1675  | 1,77              | T-600-E                                 | 0,96         |
| RRFI4    | 4000              | 1400  | 1,5               | T-600-E                                 | 0,98         |
| RRFI4,5  | 4500              | 1600  | 1,5               | T-600-E                                 | 1,1          |
| RRFI5    | 5000              | 1750  | 1,4               | T-600-E                                 | 1,2          |
| RRFI5,5  | 5500              | 1900  | 1,4               | T-600-E                                 | 1,3          |
| RRFI6    | 6000              | 2100  | 1,4               | T-600-E                                 | 1,5          |
| RRFI6,5  | 6500              | 2300  | 1,4               | T-600-E                                 | 1,6          |

This product is supplied in rolls of 0'55 m in diameter to simplify transport, except for models RRFI1, RRFI1'25, RRFI1'5, RRFI1'75 and RRFI3'9E.

### NOTE 1

These resistors may be bent to a radius of 15 mm, with the exception of the RRFI3'9E model with minimum inner radius of bending 35 mm.

**IMPORTANT:** The two ends of the heating area should be kept at a distance of 20 mm from any bend with a radius under 50 mm as indicated Fig. 1

**BEND AT ENDS:** A length of at least 20 mm should be left free of bends at both ends.

The straight elements manufactured in annealed tube may be bent to obtain the element appropriate to your requirements. Bending can be performed directly at the factory or else you can do it yourself, bearing in mind the limitations stipulated in Fig 1.

Fig. 1

