

# 6.3 Finned-tube heating element

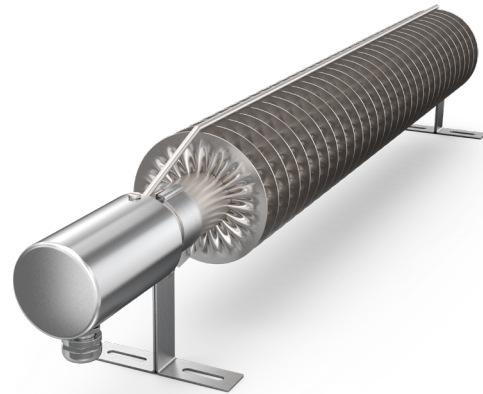
## Model finned-tube heating element with limiter

### APPLICATION

- for heating and anti-frost protection of: compressors, switchgears, water supply installations, containers, engines, machine housings, escalators

### DESIGN

- stainless-steel finned-tube with 2 footrests
- 1 or 3 coiled tubular heating element  $\varnothing$  8.4 mm made of stainless-steel
- steel cap, protective type IP 65, cable gland with strain relief
- with lower power (e.g. tube length 1000 mm, power 1000 W), no gap between the hood and tube of 50 mm
- temperature-limiter 170 °C



### ELECTRICAL CONNECTION

- at 230 V single-phase current, limiter switches directly
- temperature: with same tube length and lower power the surface temperature of the finned-tube is approx. 170 °C
- with protection cage the surface temperature is max. 110 °C
- temperature control with room temperature controller catalogue page 6.9

### TECHNICAL DATA

TUBE LENGTH (APPROX. MM)	POWER (APPROX. WATT)	ARTICLE NO. (WITHOUT PROTECTION CAGE)	ARTICLE NO. (WITH PROTECTION CAGE)
500	500	06030511	06030611
750	750	06030521	06030621
1000	1.000	06030531	06030631
1500	1.000	06030541	06030641

Finned-tube heating element with reduced surface temperature, temperature-limiter 110 °C

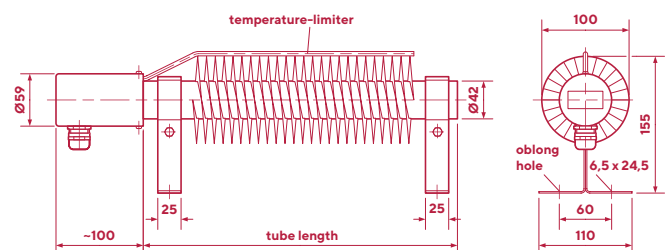
1500	1.000	06030311	06030321
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### ALTERNATIVE DESIGN

- stainless-steel protection cage

### INSTALLATION

- horizontally on floors or walls
- do not place any objects on the finned-tube heating element. Be careful with cladding (heat buildup)
- if there is a risk of injury, we recommend the protection cage to assemble



# 6.3 Finned-tube heating element

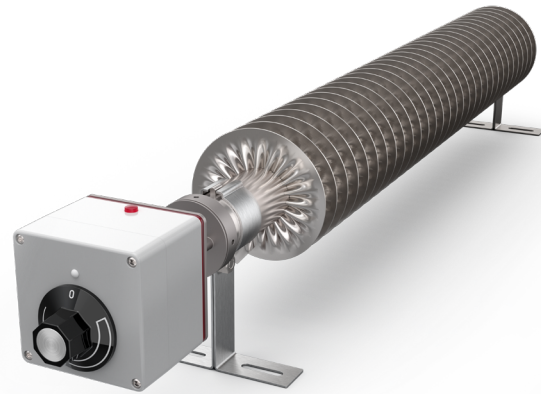
## Model finned-tube heating element with room temperature controller

### APPLICATION

- for heating and anti-frost protection of: compressors, switchgears, water supply installations, containers, engines, machine housings, escalators

### DESIGN

- stainless-steel finned-tube with 2 footrests
- 1 or 3 coiled tubular heating element  $\varnothing$  8.4 mm made of stainless-steel
- plastic case, polycarbonate, protection type IP 65, cable gland with strain relief
- room temperature controller adjustable from 5 to 35 °C
- gap between the hood and tube of approx. 70 mm



### ELECTRICAL CONNECTION

- at 230 V single-phase current
- temperature: the surface temperature of the finned-tube is approx. 260 °C
- with protection cage the surface temperature is max. 150 °C

### TECHNICAL DATA

TUBE LENGTH (APPROX. MM)	POWER (APPROX. WATT)	ARTICLE NO. (WITHOUT PROTECTION CAGE)	ARTICLE NO. (WITH PROTECTION CAGE)
400	600	06031411	06031511
500	1.000	06031421	06031521
750	1.500	06031431	06031531
1000	2.000	06031441	06031541
1500	3.000	06031451	06031551

### ALTERNATIVE DESIGN

- stainless-steel protection cage

### INSTALLATION

- horizontally on floors or walls
- do not place any objects on the finned-tube heating element. Be careful with cladding (heat buildup)
- if there is a risk of injury, we recommend the protection cage to assemble

