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CETAL

CT-020.12E

RIBBED HEATING ELEMENTS



Ribbed resistance heaters are ideal for the convection-heating of air in stoves, industrial ovens, drying cabinets and facilities, air-conditioning equipment etc. Ribbed heaters are generally used to heat air or non corrosive gas by natural or forced convection. We have the technology for making compact batteries.

The heaters designed for use in applications requiring high temperatures or in corrosive atmospheres are fitted with stainless steel ribs and connectors

SPECIFICATIONS

- AISI 321 stainless steel element with rectangular ribs made of zinc-plated or stainless steel, snugly fitted on the armouring sheath.
- Crimped or welded steel connectors
- Supplied with washers and nuts
- Electrical connection via standard B500 series terminals
- Power supplí : 230 – 400V or other voltages.
- Low heating at the bent part of the ribbed element.

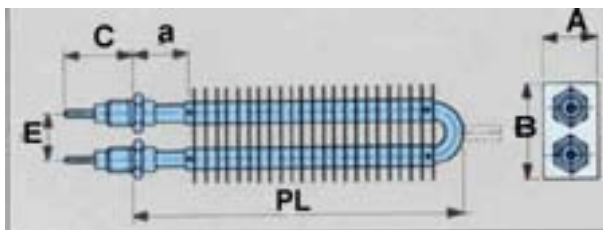
OPTIONAL FEATURES

- Enamelled or stainless steel ribbing, round or rectangular.
- Specially formed.
- Special connecting terminals for corrosive, humid and tropical atmospheres.

RECOMMENDED WATT DENSITY

- 2 W/cm² for 0 m/s convection.
- 4 W/cm² for min. speed 2 m/s.
- 5 W/cm² for min. speed 3 m/s.

STANDARD MODELS



Reference		AR 8	AR 10	AR 16
Ø Heating element	mm.	8	10	16
A x B	mm.	25 x 50	25 x 50	40 x 80
E	mm.	25	25	40
a	mm.	40	40	55
C	mm.	25	25	35
Screw		M14 x 150	M14 x 150	M24 x 150

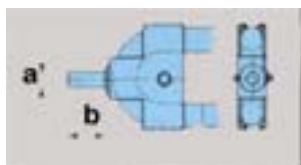
Serie AR 8	W	PL mm.	Weigth Kg	Reference
Load 5 W/cm ² Heating element AISI 321 Power supply 230 V	200	140	0,25	A-R8-02
	500	250	0,45	A-R8-05
	750	350	0,60	A-R8-07
	1000	450	0,75	A-R8-10
	1500	650	1,05	A-R8-15
	2000	850	1,35	A-R8-20

Serie AR 10	W	PL mm.	Weigth Kg	Reference
Load 4 W/cm ² Heating element AISI 321 Power supply 230 V	500	225	0,40	A-R10-05
	750	325	0,55	A-R10-07
	1000	425	0,77	A-R10-10
	1500	620	1,00	A-R10-15
	2000	815	1,35	A-R10-20
	3000	1305	2,10	A-R10-30

Serie AR 16	W	PL mm.	Weigth Kg	Reference
Load 4 W/cm ² Heating element AISI 321 Power supply 230 V *400 V	1000	290	1,10	A-R16-10
	1250	340	1,30	A-R16-12
	1500	390	1,50	A-R16-15
	1750	440	1,70	A-R16-17
	2000	490	1,85	A-R16-20
	2500	590	2,25	A-R16-25
	3000	690	2,65	A-R16-30
	3500	790	3,05	A-R16-35
	4000	890	3,40	A-R16-40
	4500	990	3,75	A-R16-45
	5000	1090	4,20	A-R16-50
	6000	1290	5,25	A-R16-60
	8000	1690	6,30	A-R16-80*

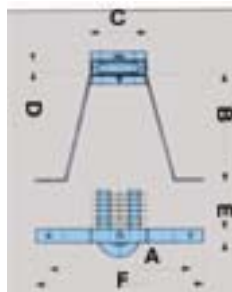
ACCESORIES

C.S.. Supporting rod



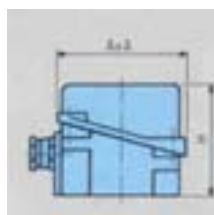
Model	a mm.	b mm.
SE AR8	Ø 5	20
SE AR10	Ø 5	20
SE AR16	Ø 8,5	30

Supporting set



Modelo	A mm	B mm	C mm	D mm	E mm	F mm
JS AR8	100	75	40	8	10	120
JS AR10	100	75	40	8	10	120
JS AR16	120	95	66	13	15	140

Casings



ORPMA 85 x 85 x 80 mm para AR8 y AR10
ORGMA 110 x 110 x 105 mm. para AR16
BRPM Ø 114 x 130 mm. para AR8, AR10, y AR16