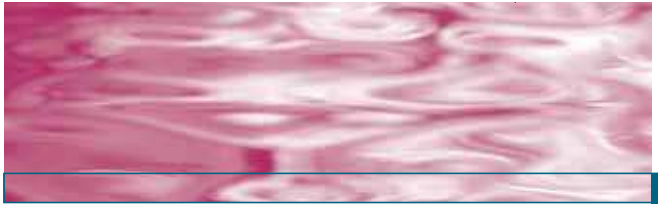
GNALI BOCIA

ELECTRICAL HEATING ELEMENTS

Mondial GB

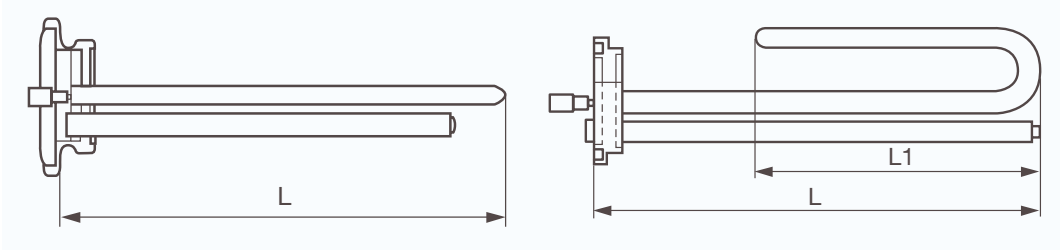


ARMOUR-CLAD ELECTRIC RESISTANCES FOR WATER HEATERS

These resistances can be used for: Pressurised water heaters, open water heaters, pressurised or free boilers. The amour-clad electric resistances for water heaters are produced to operate immersed in water at a relatively limited maximum temperature, with a high possibility of corrosion if used in hard or chlorinated waters. Such corrosion can be prevented by using special magnesium anodes. Manufactured in compliance with European and international safety standards, they guarantee an adequate functionality, heat yield, duration and safety. The use of resistances with a maximum surface load of 9 W/cm^2 is recommended in order to contain the noise level during the heating phase.

HEATING ELEMENTS CHART						L - L1 Sizes available on request					
Conn type	straight bent	Art.	Watts	L	L1	a) - L	b) - L	c) - L	d) - L	A) - L1	B) - L
SCREW 1"1/4	Straight	401	1000	280							
	Straight	402	1200	280		400	750				
	Straight	403	1500	280		400	750				
	Straight	404	2000	350		400	600	850	880		
	Straight	405	2500	400		280	600				
	Straight	406	3000	400		280	400				
	Bent	409	1000	165	120						
	Bent	412	1200	165	120						
	Bent	413	1500	165	120						
	Bent	416	2000	280	120	165				120	
	Bent	-	2500			165	330	380		120	
	Bent	-	3000			300	380			170	
FLANGE	Straight	417	1000	270							
	Straight	418	1200	270							
	Straight	419	1500	270							
	Straight	420	2000	270							
	Bent	423	1000	155	120						
	Bent	424	1200	155	120						
	Bent	425	1500	155	120						
	Bent	426	2000	280	120						
	Bent	-	2500			180				160	
ANISTON	Straight	421	1200	260							
	Straight	422	1500	260							
	Bent	428	1200	155	105						
	Bent	429	1500	155	105						

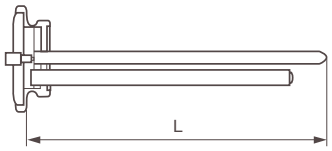
THE GREEN CELLS ARE ON REQUEST SIZES — THE WHITE CELLS ARE STANDARD PRODUCTION SIZES



CONSTRUCTIONAL FEATURES

- Rated voltage in Volts: 220 single-phase (on request resistance from 110 to 240 V are available)
- Rated power in Watts: from 1000 to 3000 (see table)
- Connections: ISO 228/1 M 1"1/4 GAS thread – Flange ø 48 mm
- Flange Material: Brass EN 12165 - CW 617N
- Diameter of resistance tube: 8.5 mm
- Material of resistance tube: Copper
- Electric connection: Fasten Standard female
- Surface load range: On request
- Thermostat probe door: L = 275 mm with rigid copper rod, bottom of scale 70-80°C single or double safety device in compliance with Standard EN 60730-1 (on request with other values)
- On request with magnesium anode socket

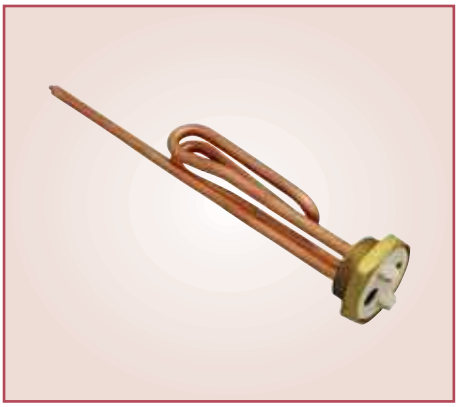
RESISTANCES RT 1"1/4

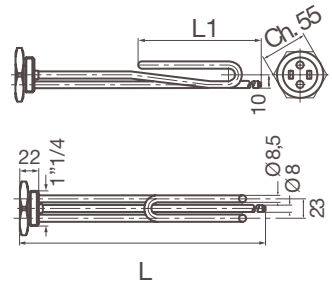


Volt: 220 single-phase, Watt: from 1000 to 3000 (see table) Threaded connection M 1"1/4 GAS - ISO 228/1, Brass CW617N, copper resistance pipe: 8.5 mm, electric connection: Faston, surface charging field: On request with thermostat probe door: L = 275 mm copper, bottom of scale 70-80°C single and double safety device in compliance with Standard EN 60730-1

Code	a	L	L1	Watt
401	1"1/4	280	-	1000
402	1"1/4	280	-	1200
403	1"1/4	280	-	1500
404	1"1/4	350	-	2000
405	1"1/4	400	-	2500
406	1"1/4	400	-	3000

RESISTANCES RT 1"1/4





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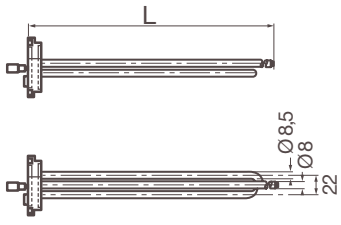
Code	a	L	L1	Watt
409	1"1/4	165	120	1000
412	1"1/4	165	120	1200
413	1"1/4	165	120	1500
416	1"1/4	280	120	2000

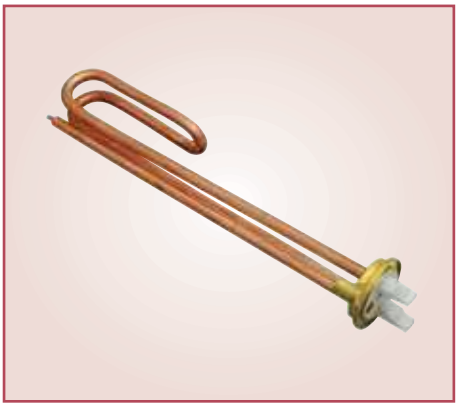
RESISTANCES RF

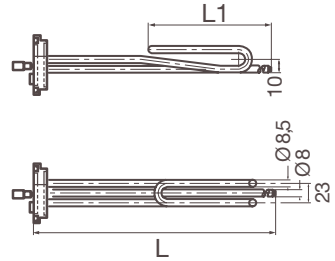


Volt: 220 single-phase, Watt: from 1000 to 3000 (see table) Threaded – Flange ø 48, Flange: Brass CW617N, copper resistance pipe: 8.5 mm, electric connection: Faston, surface charging field: On request with thermostat probe door: L = 275 mm copper, bottom of scale 70-80°C single and double safety device in compliance with Standard EN 60730-1 (with other values on request) On request with magnesium anode socket

Code	a	L	L1	Watt
417	Fl.g	270	-	1000
418	Fl.g	270	-	1200
419	Fl.g	270	-	1500
420	Fl.g	270	-	2000

RESISTANCES RF





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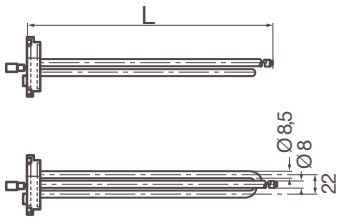
Code	a	L	L1	Watt
423	Fl.g	155	120	1000
424	Fl.g	155	120	1200
425	Fl.g	155	120	1500
426	Fl.g	280	120	2000

RESISTANCES RF



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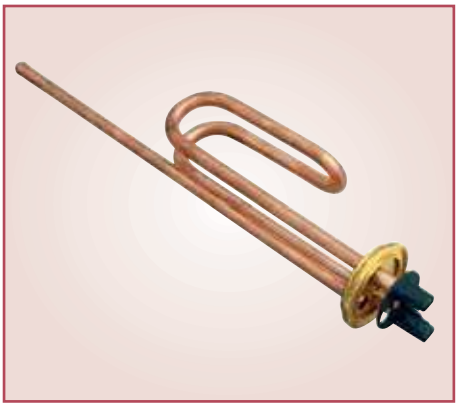
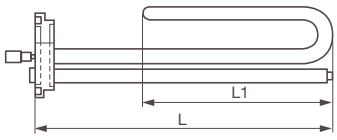
Code	a	L	L1	Watt
421	Fl.g	260	-	1200
422	Fl.g	260	-	1500

RESISTANCES RF





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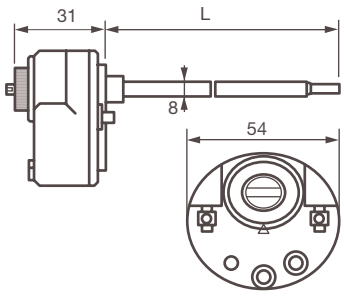
Code	a	L	L1	Watt
428	Fl.g	155	105	1200
429	Fl.g	155	105	1500

SINGLE-POLE THERMOSTAT



Single-pole thermostat with rigid rod, with single or double safety device, electric faston connection, in compliance with UNI standards UNI-60730-1

Code	L	Tipo
502	220	SINGLE SAFETY
503	300	SINGLE SAFETY
510	300	DOUBLE SAFETY