

# Coil Heaters (RCO)



## Applications

- Nozzles
- Hot-Runner Systems
- Die Casting
- Etc.

## Heaters details

- Stainless Pipe and TIG welding.
- Cables 1000mm (standard).
- Heating Wire NiCr80/20.
- Insulation compact MgO.

## Production program and Quality control

ROUND PROFILES Ø	SQUARE PROFILES ▣	RECTANGULAR PROFILES ▭	SECTIONS TOLERANCE	LENGTH TOLERANCE	NOMINAL POWER TOLERANCE	INSULATION	DIELECTRIC STRENGTH	
							STRAIGHT	CURVED
1,80	1,8 X 1,8	2,2 X 4,2	±0,10	±1,50	±10%	5 MOhm	1250V	800V
2,50	3 X 3							
3								
3,50								
4	4,5 X 4,5	5 X 7					1250V	1250V
4,50								
5	6 X 6							
5,50								
6								
6,50	7,5 X 7,5	8 X 8						
7								
7,50	8 X 8							
8								

· Other dimensions on request.

# Connections Protection



Nº 1: PFA-strand without cable protection.



Nº 2: Stainless Steel Braid.



Nº 3: Galvanized Metal Hose.



Nº 3: Galvanized Metal Hose.

# Different Connection Exit



Tangential



Axial



Radial

## RCO 3 Ø



## RCO 4 Ø



STANDARD MODELS WITH AND WITHOUT THERMOCOUPLE FE/CUNI (JJ)\*\*

DIAMETER	COLD ZONE	TOTAL LENGTH	230V W
3 Ø	90	400	180
		550	250
		650	315
		800	400
		950	500
		1.150	630
		1.500	800
		2.000	1.250
		2.500	1.350

\* Other dimensions on request.

STANDARD MODELS WITH AND WITHOUT THERMOCOUPLE FE/CUNI (J)

DIAMETER	COLD ZONE	TOTAL LENGTH	230V W
4 Ø	90	400	200
		550	315
		750	400
		950	500
		1.150	630
		1.350	750
		1.650	1.000
		2.000	1.250
		2.500	1.500

\* Other dimensions on request.

**RCO 3x3** ☒

**RCO 6x6** ☒



**STANDARD MODELS WITH ANO WITHOUT THERMOCOUPLE FE/CUNI [J]**

**STANDARD MODELS WITH ANO WITHOUT THERMOCOUPLE FE/CUNI [J]**

SECTION	COLD ZONE	TOTAL LENGTH	230V W
3 x 3 ☒ ± 0.10	90	200	175
		240	175
		300	225
		350	250
		390	215
		400	300
		450	350
		500	400
		540	325
		600	500
		650	400
		700	500
		740	470
		800	600
		900	700
		940	610
		1.000	800
		1.140	630
1.200	900		
1.500	750		
1.800	1.100		
2.000	1.400		
2.500	1.500		

\* Other dimensions on request.

SECTION	COLD ZONE	TOTAL LENGTH	230V W
6 x 6 ☒ ± 0.10	90	210	200
		250	250
		300	300
		400	400
		500	500
		600	600
		700	650
		800	750
		900	850
		1.000	950
		1.250	1.100
		1.500	1.250
		1.750	1.600
		2.000	1.750
		2.500	1.850
		3.000	2.000
		3.500	2.500
		3.750	3.500

\* Other dimensions on request.


**RCO 2,2 x 4,2** 

**RCO 5 x 7** 




**STANDARD MODELS WITH ANO WITHOUT THERMOCOUPLE FE/CUNI (J)**

**STANDARD MODELS WITH ANO WITHOUT THERMOCOUPLE Fe-Cu Ni "J"**

SECTION	COLD ZONE	TOTAL LENGTH	230V W
2,2 x 4,2  ± 0.10	90	200	175
		250	190
		330	200
		380	225
		430	250
		480	300
		560	350
		630	400
		700	450
		750	550
		860	625
		950	675
		1.000	700
		1.200	800
		1.400	950
		1.600	1.100
		1.800	1.200
2.000	1.300		
2.250	1.400		
2.500	1.500		

\* Other dimensions on request.

SECTION	COLD ZONE	TOTAL LENGTH	230V W
5 x 7  ± 0.10	90	210	200
		250	250
		300	300
		400	400
		500	500
		600	600
		700	650
		800	750
		900	850
		1000	950
		1250	1100
		1500	1250
		1750	1600
		2000	1750
		2500	1850
		3000	2000
		3500	2500

\* Other dimensions on request.

## Coil Heaters (RCO) mini

### RCO 1,80 D Ø



DIAMETER	COLD ZONE	TOTAL LENGTH	230V W
1,80 Ø	90 EACH SIDE	800	130
		900	155
		1.000	175
		1.100	200
		1.200	220
		1.400	260
		1.600	300
		1.800	350
		2.000	400
2.400	450		

### RCO 1,80 x 1,80 ☒



SECTION	COLD ZONE	TOTAL LENGTH	230V W
1,80 x 1,80 ☒	90 EACH SIDE	800	130
		900	155
		1.000	175
		1.100	200
		1.200	220
		1.400	260
		1.600	300
		1.800	350
		2.000	400
2.400	450		



**1,80 x 3,60 PARALLEL EXIT**




**1,80 x 3,60 STAGGERED EXIT**



**1,80 x 3,60 PARALLEL EXIT**



**1,80 x 3,60 STAGGERED EXIT**

SECTION	COLD ZONE	TOTAL LENGTH	230V W
1,80 x 3,60 	90	400	130
		450	155
		500	175
		550	200
		600	220
		700	260
		800	300
		900	350
		1.000	400
		1.200	450