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"Copreci has been designing gas rails and pipes for gas cooking appliances for fifty years"

Copreci's gas rails and pipes are the result of combining the market experience acquired over the last 50 years with a firm, constant capital investment policy aimed at developing production processes, together with a research and development policy implemented with the most important customers in the cooking appliance manufacturing sector.

They are made of aluminium-coated steel and aluminium with different diameters and a wide range of shapes and different fastening, fixing and connection systems to adapt the pipes and rails to the characteristics of the application they will be fitted in. Copreci works together with customers on the design of the rails and pipes, based on the cookers and hobs they will be fitted

Today, Copreci is the **biggest manufacturer** in the world of gas components, and we have become a group of **2.000 people** with production facilities in 7 countries.

We are suppliers of the biggest gas appliances manufacturers worldwide.



Behind each product there is a team of professionals who are already working on the next product.







a wide range of components, connected to safety

Pipes



The tubing is an essential element inside the frame of the cooker. Copreci offers its vast expertise in application design, as well as adaptability to the different types of cookers used around the world. In addition, it provides flexible solutions for complex

All this, along with vast knowledge of the standards and regulations in each market, make Copreci your most reliable

Gas rails



The manifold is a **key element** in the final design of the application, as gas will be constantly present inside it throughout the entire life of the cooker.

Copreci is aware of its importance, and always uses aluminized pipes manufactured from top quality raw materials. Copreci also offers other materials, such as aluminized steel, galvanized steel, stainless steel, iron, etc.

There is a wide range of diameters, shapes, fasteners and connections to meet every client's needs.

Subassemblies





The deep knowledge in manifolds and pipes acquired by Copreci during 50 years, besides its experience as gas valve manufacturer has allowed the development of a subassembly. Copreci provides an **end-product ready for its integration** into the final application, fully checked under strict quality controls.

One product that **reduces component inventory**, instead of 8 or 9 references, simplifying the purchase of materials, management

Applications

Built-in hobs

Free standing





Catering equipment



















Igas consulting

Igas, a new consulting service to become your technological partner for the industrialization of gas cooking appliances. We help you to find the processes with the most advanced technologies which result in a rapid "time-to-market" and significant cost reductions.

More info at: www.igascooking.com









Copreci offers a wide variety of designs according to the final application.

They are manufactured with high quality aluminum alloy 99.7%.

The diameters range from 4 mm to 18 mm.

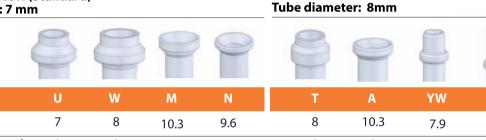
A wide range of finishes and types of



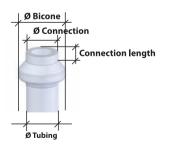
PIPE CHARACTERISTICS (Standard)

Diameter (mm)	Thickness (mm)	Status	Matrix diameter (mm)	Min. distance	Termination type
7	1	H112	20/13	28	V, W, F, C, N, E, F, X
7	1	H14	20/13	28	M, W
8	1	H112	24/16	31	T, A, JW, JWT, YW, B, L
8	0.8	H112	24/16	31	T, A, B, JWM, YWM
8	1	H14	24/16	31	T, A
6	1	H112	20/13		
6,35	0.8	H112	20/13		

PIPE TERMINATION (Standard) Tube diameter: 7 mm



Туре	U	W	M	N	T	Α	YW	JW	
Ø Connection	7	8	10.3	9.6	8	10.3	7.9	7.9	
Connection length	2	2	2.6	2.6	2	2	7.2	15	
Ø Bicone	10,3	10.3	-	-	10.3	-	10.5	10.5	
Ø Tubing	7	7	7	7	8	8	8	8	





Tube diameter: 8mm







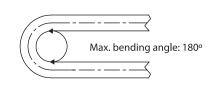


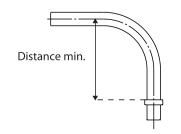






CONSTRUCTION LIMITS

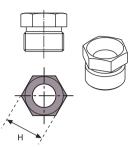




CONNECTION TYPES

RACORD

Material: Galvanized steel, Brass, Aluminium.

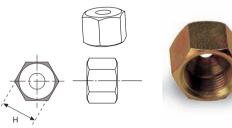




	Thread	M12x1	M12x1,25	M13x1
on	12		xx	
exagon	13	Х		XX
He	15			xxx

NUT

Material: Galvanized steel, Brass, Aluminium.



	Thread	M12x1	M13x1	1/4G	M14x1,5
uo	13	х			
Hexagon	15	Х	XXX	XXX	
ヹ	16				Х

xxx: standard xx: less standard x: non standard

FAST CONNECTION

Material: Galvanized steel, Brass, Aluminium. This device permits a quick connection between the valve and the burner

through a fast attachment system with clips incorporated in the pipe.







Copreci can provide you with an infinite range of fittings that are important for the correct use of gas components: clamp flanges with one or two screws specifically designed for Copreci components, nuts, rapid connection nuts, screws, olives, connectors, leaktight seals, etc.

Copreci offers all these fittings with guaranteed quality and the knowledge that they have been positively tested in Copreci's laboratories.





OLIVE INJECTOR







Copreci offers a wide range of manifolds. Theses manifolds are made of sheets, which are joined by welding with EDI controlled parameters that ensures a 100% sealing of the product.

The holes for the manifold are bored using an innovative system that ensures precise, burr-free holes and no risk of obstruction inside the collector.

The sealing of the parts is 100% tested using a pressure system. The entire manufacturing process ensures a **leak-free** product.

Round tube diameters:

Ø12 mm

Ø14 mm - Ø9/16" Ø15 mm

Ø16 mm- Ø5/8"

Round tube thickness:

1 and 1.2 mm

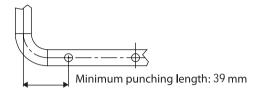
Square tube measures:

3/4" x 3/4" - 19 x19

Square tube thickness: 1.2 mm

* Standar, others under request.

CONSTRUCTION LIMITS

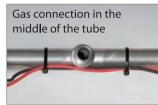


CONNECTION WITH WELDING



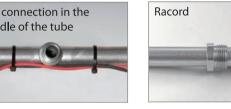
With hose

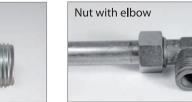












CONNECTION WITHOUT WELDING (WITH SEAL)









Racord with elbow

Racord + zamak cup









semplies los

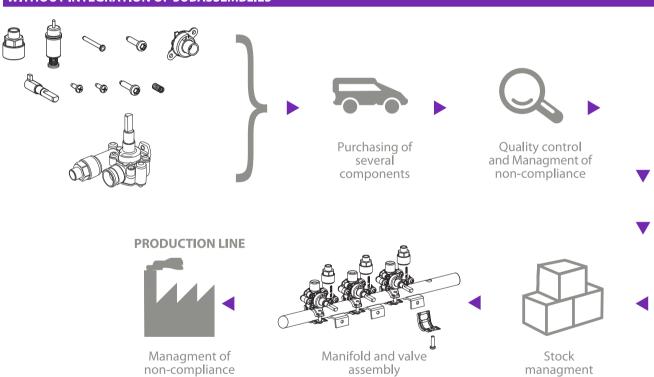
Copreci offers its wide experience in manufacturing gas components to provide an end-product ready to integrate into the final application, this means:

- > Improves the alignment of the valves.
- > Using of poka-yokes that prevent errors from wrong valve positioning.
- > Employment of systems that ensure the proper functioning of valves.
- > Fastening system, which ensures that the screw is in place and with a proper torque for each model.



ADVANTAGES OF THE SUBASSEMBLIES

WITHOUT INTEGRATION OF SUBASSEMBLIES



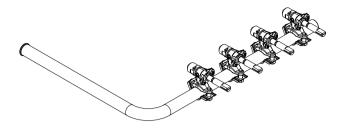
SUBASSEMBLIES INTEGRATED WITHIN THE PRODUCTION LINE



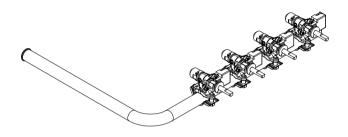


SUBASSEMBLIES OPTIONS MENU

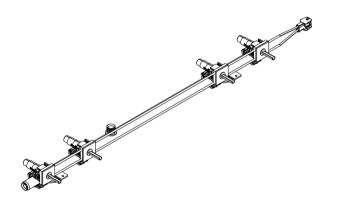
Manifold + gas valve



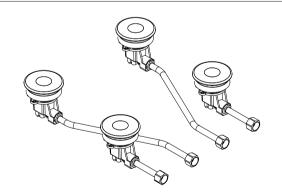
Manifold + gas valve + switch



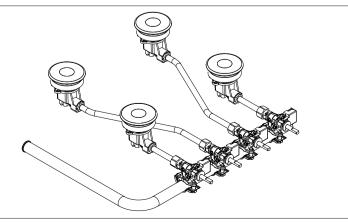
Manifold + gas valve + switch + wiring



Pipe + burner

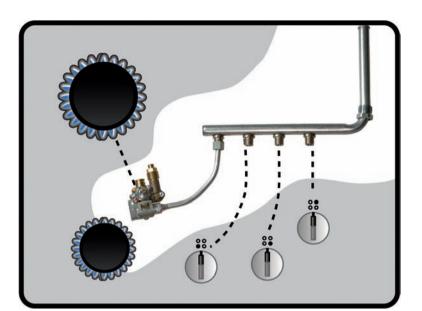


Manifold + gas valve + switch + pipe + burner





examples of projects made in close collaboration with customer.

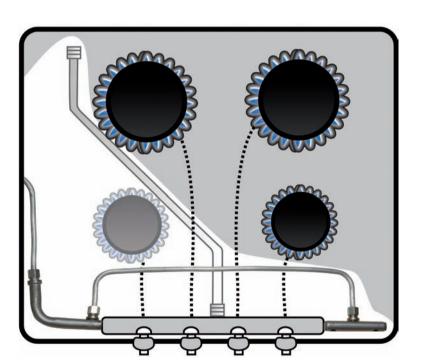


FLEXIBLE DESIGN:

Cooker designs usually require complex solutions that make the manifold manufacturing and subassembly processes more complicated.

Copreci offers an easy, safe and flexible solution that makes it possible to install valves in any part of the cooktop, without any design limitations.





SEPARATE POWER SUPPLY FOR THE OVEN/COOKTOP:

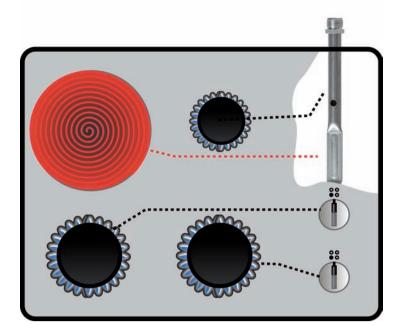
This device permits separating the cooktop function from the oven. This system permits closing the glass cover, turning off the burners while the oven is still working.

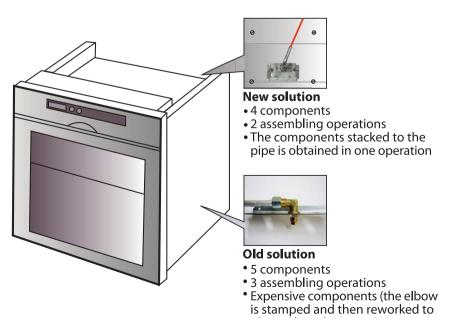












obtain thread etc, etc..)

FLATTENED MANIFOLD:

In some designs, the position of the timer and the rest of the components may cause interferences: To avoid this, the manifod has been flattened so there is more space, even permitting the installation of an electronic card without affecting the height of the cooker.



SAFETY SWITCH:

This system allows the user to manage the gas inside the manifold. With a simple movement, a valve is activated to allow the gas to pass from the inlet pipe to the pipe where the valves are located.

This option provides an extra safety feature for the cooktop.



"CALLETATO" OVEN:

The aim of this project was to improve the oven access design through the pipe. This solution means a reduction in the number of components, and also allows for easy, quick assembly while ensuring the product's overall leak tightness.





