

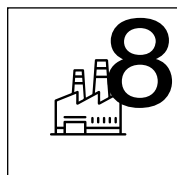
# SOLUTIONS AND SYSTEMS FOR GAS APPLIANCES



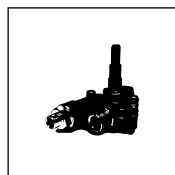
# A BILLION REASONS TO TRUST IN COPRECI

## CONTROLLING AND REGULATING GAS APPLIANCES SINCE 1963

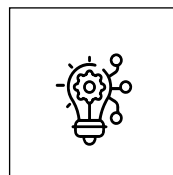
More than 1 billion gas components sold globally are witnesses of Copreci **experience, innovation, reliability and capability** for adaptation to different products and markets.



**Largest gas system manufacturer**



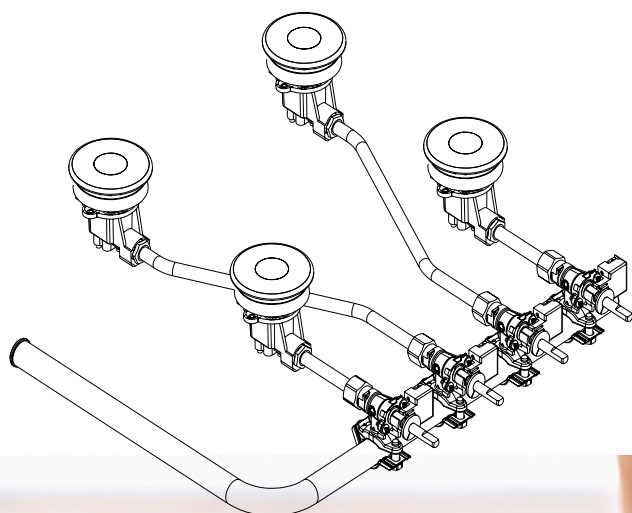
**1 billion components**



**Innovation**



**Reliability**



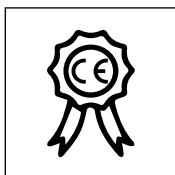
## WHEN ROBUSTNESS AND RELIABILITY MATTERS

Our customers ensure the safety and tranquility of users and consumers, specially with the use of gas, in addition to satisfying their needs and well-being with innovative and robust appliances that differ from others.

*"We are proud to contribute to our clients' brand reputation with our solutions and services."*



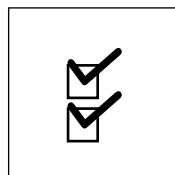
# WE ARE COMMITTED TO QUALITY AND RELIABILITY



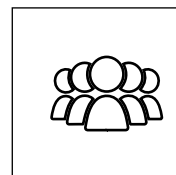
**Rigorous  
internal  
approval  
process**



**Highest quality  
raw materials**



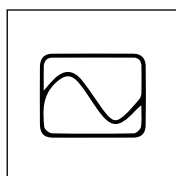
**Quality con-  
trol of control  
systems**



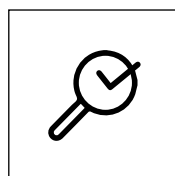
**Continuous  
improvement  
team**



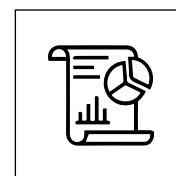
**Component  
traceability**



**Continuous  
measurement  
during the  
manufacture  
process**



**100% control  
of critical safety  
aspects - gas  
leaks**



**Statistical  
control**

## **GREATER CAPACITY, GREATER FLEXIBILITY AND COMPETITIVENESS**

We develop our own processes, applying “**lean manufacturing**” and eliminating unnecessary processes that do not provide added value.

To achieve this, we have tripled our capacity, simplifying projects and eliminating processes, waiting times, overproduction, inventories, and unnecessary transport that provides no added value.

**We use advanced  
processes and have  
industrialisation  
capacity.**



## A TEAM OF GAS EXPERTS

We are experts in **gas technology** and we are aware of the market appliance tendencies and requirements, focusing in our customers and providing them with **innovative and customised solutions**.



### A COMPLETE CATALOGUE FOR GAS REGULATION AND CONDUCTION WIDE RANGE OF MODELS FOR EVERY APPLICATION

Gas taps, safety valves and safety thermostats to control a wide range of burners and for all types of gas. Copreci's gas taps and valves fulfill the requirements of the main international standards and directives, European, American and Chinese. For more Information check the Quality link at [www.copreci.com](http://www.copreci.com).



BUILT-IN HOBS



FREE-STANDING COOKERS



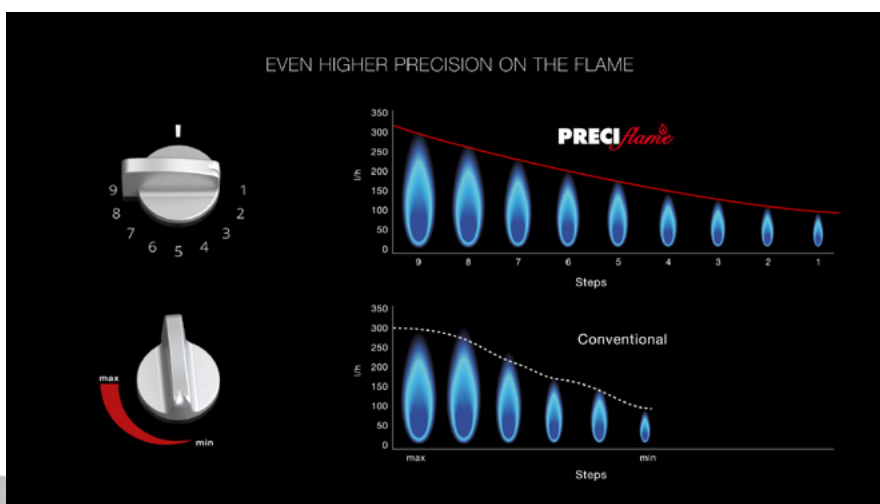
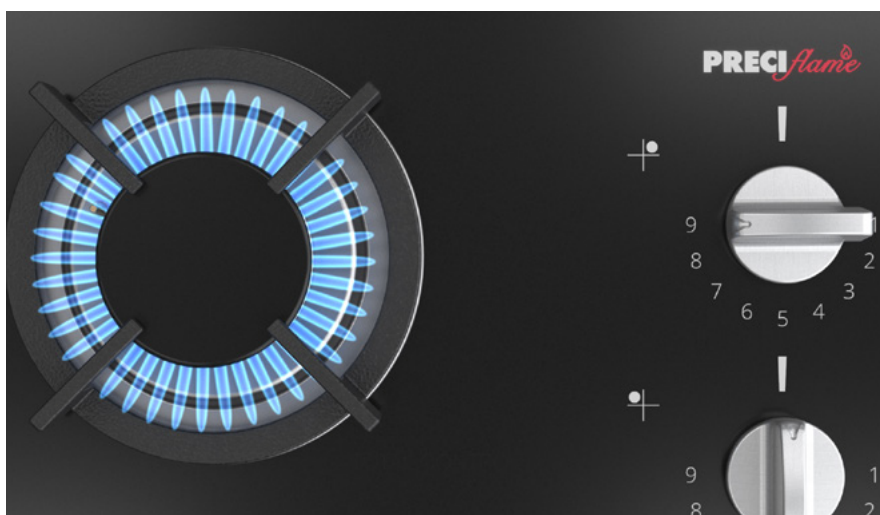
OVENS

# PRECI *flame* function

## PRECIFLAME FUNCTION

This function included in some series offers full control of the flame and greater accuracy, thanks to its multi-step regulation.

**A more gradual and linear regulation** of the flame allows better cooking results.

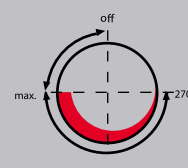
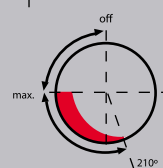


## MORE AMPLITUDE, FOR A BETTER ADJUSTMENT

Wider range of turning amplitude, ensures more regulation.

**210°**

**270°**

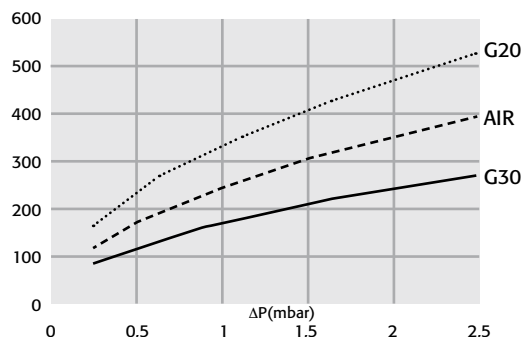


# BUILT-IN HOBS

## General Characteristics


- Max. ambient temperature: 150°C (300°F) in brass/130°C in aluminium.
- Maximum gas pressure: CE 65mbar /CSA 1/2psi
- Adjustable minimum with by-pass for each type of gas

Flow rate vs Pressure drop



## SAFETY GAS VALVES



SERIES	CAL 22100	CAL 22110	CAL 24300	CAL 24300	LSF
MATERIAL	brass/aluminium	brass/aluminium	brass	brass	aluminium
BURNERS	standard/triple	dual	standard/triple	dual	dual/single
POWER (KW) -LPG*	10	12	8	12	5.23**
-NG*	5	6	4	6	5.23**
TURNING ANGLE	160/210/270	270	210	160/210/270	170/230
PRECIFLAME FUNCTION 	yes	-	-	-	-

\* With 1 mbar pressure drop (250 l/h air)

\*\* Limitation of max. power according to chinese standards

## GAS VALVES



SERIES	CAM 17501	CAM 21901	9911
MATERIAL	brass/aluminium	brass	brass/aluminium
BURNERS	standard/triple	standard/triple	dual
POWER (KW) -LPG	13	13	14
-NG	6.5	6.5	7
TUBE TYPE	round	round/square	round/square

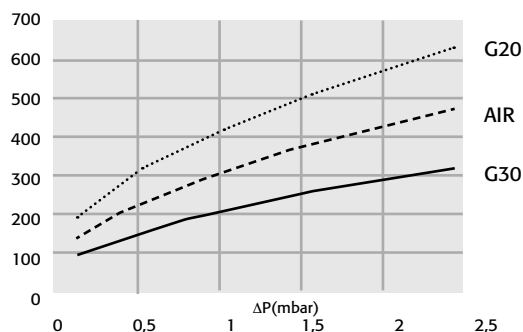
# FREE-STANDING COOKERS



## General Characteristics


- Max. ambient temperature: 150°C (300°F).
- Maximum gas pressure: CE 100mbar /CSA 1/2psi.
- Adjustable by-pass for each type of gas.

Flow rate vs Pressure drop



## SAFETY GAS VALVES



SERIES	CAL 20703	CAL 20703 00U	CAL 20706	CAL 5200
MATERIAL	brass/aluminium	brass/aluminium	brass	brass/aluminium
BURNERS	standard/triple	standard/triple	dual	standard/triple
POWER (KW) -LPG*	10	10	12	13
-NG*	5	5	6	6.5
TURNING ANGLE	160/210/270	160/210/270	270	
PRECIFLAME FUNCTION 	yes	yes	-	-

\* With 1 mbar pressure drop (250 l/h air)

## GAS VALVES

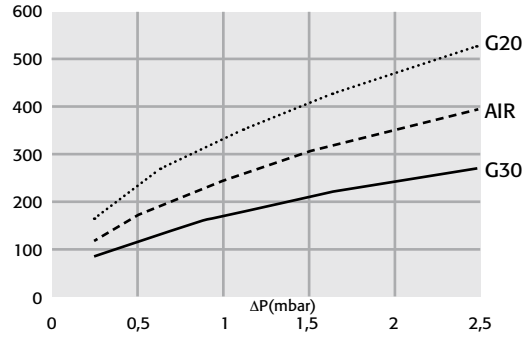


SERIES	CAM 17500	CAM 21900	9910
MATERIAL	brass/aluminium	aluminium	brass/aluminium
BURNERS	standard/triple	standard/triple	dual
POWER (KW) -LPG	13	13	14
-NG	6.5	6.5	7
TUBE TYPE	round	round/square	round/square

### General Characteristics

- Max. ambient temperature: 150°C (300°F).
- Maximum gas pressure: CE 65mbar /CSA 1/2psi
- Adjustable by-pass for each type of gas

Flow rate vs Pressure drop



### SAFETY THERMOSTATS



SERIES	MT 22300	MTG 22300	MTZ 22300	MTGE 22300	MT 9400	MTG 9400
MATERIAL	brass/ aluminium	brass/ aluminium	brass/ aluminium	brass/ aluminium	brass	brass
THERMOEL. SAFETY	yes	yes	yes	yes	-	-
GAS GRILL	-	yes	-	no	-	yes
ELECTRIC GRILL	-	-	-	yes	-	-
MULTI-FUNCTION	yes	yes	yes	yes	yes	no
PILOT	-	-	yes	-	-	-
POWER (KW)* - LPG	7	7	7	7	7	7
-NG	4	4	4	4	4	4

\* with 1mbar pressure drop

### SAFETY GAS VALVES



SERIES	ACAL 10200	CAL 20703 + switches	CAL 20705 + pilot
MATERIAL	brass/aluminium	brass/aluminium	brass
GAS GRILL	yes	yes	no
ELECTRIC GRILL	no	yes	yes
MULTI-FUNCTION	yes	yes	yes
POWER (KW) - LPG	13	10	10
-NG	6.5	5	5



# knog technology

**KNOG is an electronic customizable and scalable gas platform, offering a range of functions at a reasonable cost level.**

## ILUMINATED KNOBS

KNOG offers immediate and intuitive feedback to user's experience through illuminated knob function. Thanks to the intelligent built in LED & switch harness technology, electronics can easily control LED light and frequency at each knob.

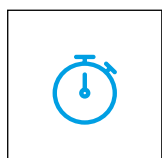
## EASY ASSEMBLY AND CERTIFICATION

Construction can't be easier, similar to standard hob architecture. Certification of the appliance under EN-30-1 standard.

## PRECIFLAME

KNOG architecture is also compatible with Preciflame CAL 22102+ and CAL 22102++ safety valves.

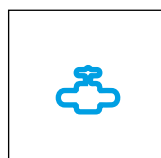
## CUSTOMIZED FUNCTIONS



TIMER



ACOUSTIC  
ALARM



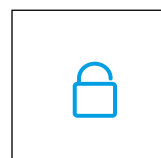
GAS SHUT OFF



CONNECTIVITY



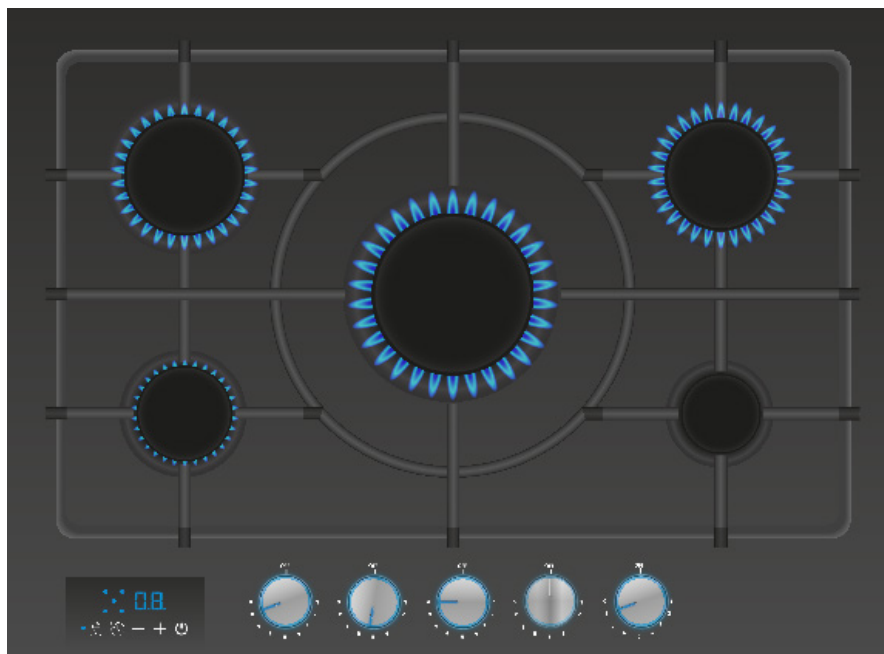
REIGNITION



CHILDLCK



EMERGENCY  
STOP



# GAS SYSTEMS

## PIPES

Customized designs for every application .



## MANIFOLDS

We manufacture all manifolds with top quality materials and automated processes.

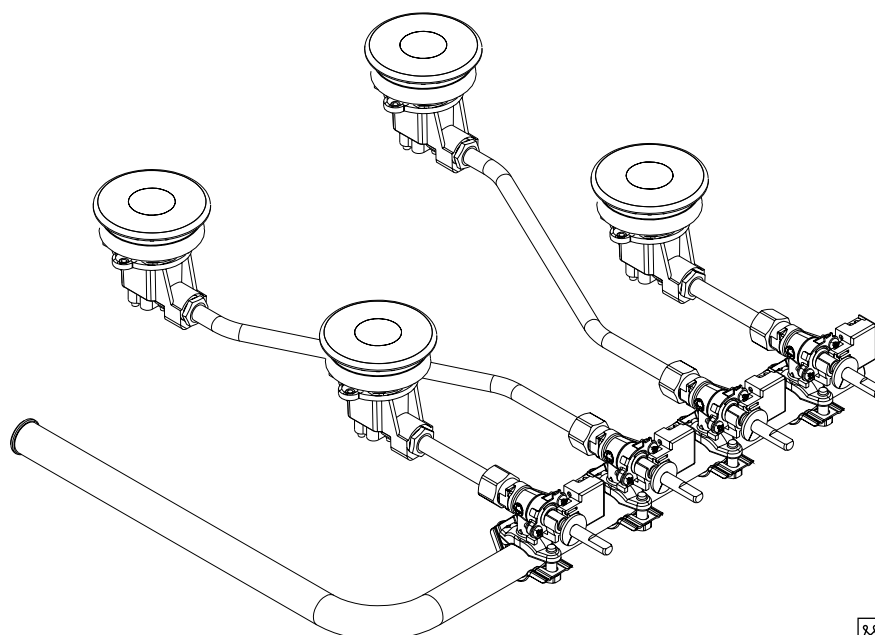


## SUBASSEMBLIES

Copreci has a wide experience supplying sub-systems, fully controlled and ready to assemble into the appliances.

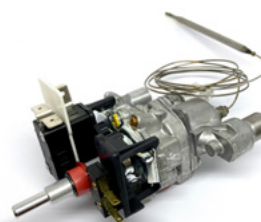


## ACCESSORIES



# SWITCHES & HARNESSSES

Copreci offers a solution of catenaries adapted to its products , as well as customized solutions depending on customers requirements.





CUSTOMER  
ORIENTATION



GLOBAL  
MANAGEMENT



TECHNOLOGICAL  
CAPABILITIES



SOLVENCY



LEAN  
MANUFACTURING



PART OF A BIG FAMILY,  
MONDRAGON  
CORPORATION

## HEADQUARTERS:

COPRECI S.COOP.  
Araba Ibilbidea, 3  
20550 Aretxabaleta (Gipuzkoa)  
**SPAIN**  
Tel.: +34 943 719 499  
Fax: +34 943 770 552  
E-mail: home@copreci.es

## MANUFACTURING PLANTS & CUSTOMER SERVICE:

COPRECI - ALTSASUKO S.COOP.  
Txunkai Auzoa, Ibarrea 2 Industrialdea  
31800, Altsasu (Navarra)  
**SPAIN**  
Tel.: +34 948 563 172  
Fax: +34 948 563 496  
E-mail: home@copreci.es

COPRECI DE MEXICO, SA DE CV  
C/ Uno, nº 736 Z.I. Guadalajara  
44940 Jalisco  
**MÉXICO**  
Tel.: +52 33 3881 1170  
Fax: +52 33 3881 1193  
E-mail: bsguzman@copreci.com.mx

COPRECI USA  
6200 Scott Hamilton Dr (Suite 4-1)  
72209 Little Rock (Arkansas)  
**USA**  
E-mail: oroiz@copreci.es

COPRECI SYSTEMS, S.R.L.  
Via Francesco Fabbri 22  
31015 Conegliano (TV)  
**ITALIA**  
Tel.: +39 0438492531  
Fax: +39 0438492559  
E-mail: info@copreci.it

COPRECI CZ, S.R.O.  
Komenského 274  
79368 Dvorce u Bruntálu  
**CZECH REPUBLIC**  
Tel.: +420 554 773 420  
Fax: +420 554 773 446  
E-mail: copreci@copreci.cz

COPRECI CHINA  
South Side of Jinhai Road, Middle Section  
Sanzao Hi-Tech Industrial Park 519040 Zhuhai  
**CHINA**  
Tel.: + 86 756 768 1802 9  
Fax: + 86 756 768 1845  
E-mail: postmaster@copreci.com.cn

COPRECI TR.LTD.STI.  
GEPOSB Cumhuriyet Caddesi, 6 cadde.  
Gebze-Kocaeli  
**TURKEY**  
Tel.: +90 262 751 42 55  
Fax: + 90 262 751 42 56  
E-mail: ofis@copreci.com.tr