



**ed**itorial

## Moving toward 2010

Dear Customer,

We are approaching the end of the year and it is time to make a summary of 2009 and define the targets for 2010. For Cubigel Compressors, 2009 is a special year as it is the one of our new beginning. We have faced a difficult year - as everybody else - marked mainly by the economical situation worldwide. Moreover, we went through many changes, the substitution of our CEO, Mr. Marcello Chessari by Mr. Mark Johnston and the move of our Cervera plant for instance.

Now, we move toward 2010 with optimism with an improved situation in terms of deliveries, lead times, a more flexible factory and motivated workforce. We are prepared for the new challenges that the refrigeration market is demanding, such as energy consumption reduction and the use of natural refrigerants. During 2010 we will continue improving and developing new products that will allow us to reach a predominant position in the commercial refrigeration market worldwide.



I want to thank you all your support during this year and to wish you Merry Christmas and all the best for the coming year.

**Pedro Olalla**  
Sales Director

**mk**news

## Cubigel Compressors' Season's Greetings

**Cubigel Compressors, S.A., for the second year, joins a supportive cause with a small contribution to "Fundación Trabajo Empresa y Discapacidad" (Job, Business and Disability Foundation).**

More and more, companies focus their efforts to get involved in supportive causes, creating in this way more consciousness in terms of Social Corporate Responsibility. We have decided to take part of this kind of projects and give the amount of the traditional client's seasonal gift to a non-profit institution called TEB, which helps the social and labor integration of mentally disabled people.



In Cubigel Compressors, we have already collaborated with this Institution with the production of corporate supportive merchandising, handcrafted by disabled people involved with this Institution. Furthermore, we want to extend the seasonal holiday's joy and make our customers part of it and celebrate Christmas together with this small contribution for this special collective.

The TEB is the consolidation of a project that pursues the adaptation of mentally disabled people into the society and into the work force. With 4 production establishments, TEB currently employs more that 700 workers, among them, 600 handicapped people supervised by 100 professionals.

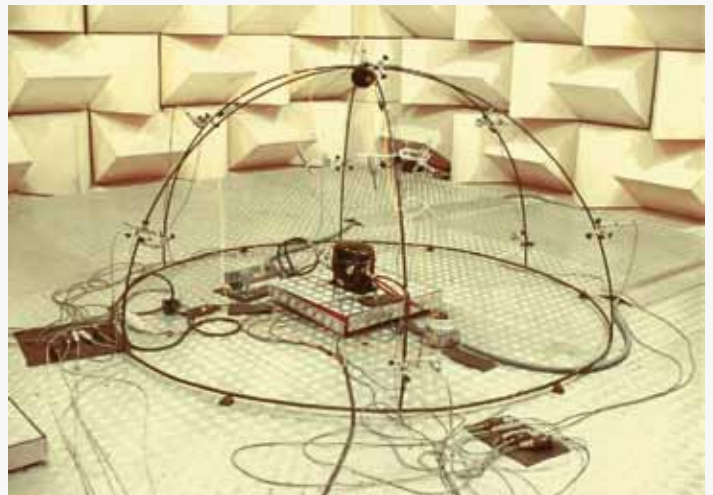
[www.teb.org](http://www.teb.org)

**CO**news

## COMPANYnews

### Acoustic Laboratory

Continuing with the presentation of our laboratories this time we want to introduce you our acoustic lab. Cubigel Compressors counts with an excellent equipment for noise testing as it is our semi-anechoic room that allow us to perform noise tests of compressors and condensing units according to ISO-3745 standard and appliances according to ISO-8960 standard. This room is made of two concrete cubes, the external one has walls of 40 cm thickness and the inner one is supported on springs to avoid the transmission of vibrations with walls of 20 cm. This configuration allow us to have a background noise level of 11dB(A). Additionally we have an auxiliary room for sound intensity tests.



Our Condensing Units product line team is working to improve the product while satisfying our customers' needs.

Some of the latest improvements we have implemented are:



1. Black painted Cooler Condenser in all models

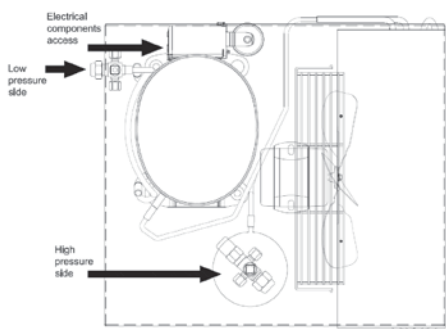
We proceeded to paint in black the cooler condensers in all Condensing Units currently listed in our Catalogue; this modification allows us to enhance the image and quality of our product. The painting makes the condenser more resistant in front of corrosion, while increasing the quality.

2. Tropicalized label

Also, and with the aim of promoting the image of our product, we have introduced the "Tropicalized" label in our Condensing Units. This label indicates that the Condensing Unit is prepared to work under 43°C of ambient temperature.



3. New Lay-Out



We have also implemented more advantageous Lay-Outs for some models. The models affected by this improvement are: CMP12TB\_N, CMX18TB\_M, CMP12TG\_N, CMX21TB\_N, CMP14TB\_N, CMX16TB\_M, CGX21TB\_N, CMX16TB\_N and CGX23TB\_N, with the following benefits:

- Improved image and restyling.
- Easiest access of the electrical components located in the Electric connecting board (ECC)
- Better visualization of the compressor's label when the Condensing Unit is installed, as the compressor will be facing the front of unit.
- More convenient and centered location of the low pressure side valve on the base plate, in order to not overhang the base plate with its pressure switches connection.
- All external dimensions remain invariable.

4. New Standard models

Additionally, we have launched two new models, which are more competitive and have better performance than current ones:

- CMPT14LA can replace CMX18FB (For evaporating temperature between -40°C and -30°C)
- CGPY16RA can replace CGX18TB offering a much better COP value

Refrigerant	Model	Displacement cm <sup>3</sup>	Power hp	Max. Ambience temp.	Application	Voltage Frequency	Motor	Refrigeration Capacity W Evaporating Temperature °C Ambient & return Temperature 35°C						Version "3"	Tubes	
								-25	-15	7.2			10	Dimensiones W x L x H mm	Suc. Inch	Compr. Inch
										W	W inp	A				
R134a	CGPY16RA_N	16.15	3/8	43	HBMP	220-240V 50Hz ~1	CSIR	390	641	1435	656	3,95	1565	365x510x300	3/8	3/8
	CGX18TB_N	18.0	1/2	43	HBMP	220-240V 50Hz ~1	CSIR	385	675	1622	829	5.13	1771	365x510x300	3/8	3/8
								Ambient & return Temperature 32°C								
								-40	-30	-23.3			-10			
										W	W inp	A				
R404A	CMPT14LA_N	14.0	1/2	43	LBP	220-240V 50Hz ~1	CSR	380	640	750	537	2.61	1095	425x340x270	3/8	3/8
	R404A	CMX18FB_N	18.0	5/8	43	LBP	220-240V 50Hz ~1	CSR	349	611	820	639	2.97	1313	350x510x275	3/8

The upcoming improvements are the development of R290 Condensing Units and High Efficiency versions.