

# FARRGOON



Central  
compressed  
air treatment

for piston compressors

# Central compressed air treatment

The central compressed air treatment Fargon is the ideal complement to handle the compressed air from compressors (piston type). It brings together the three components needed to cool, filter and dry compressed air:

- Air after cooler
- Filter/separator for condensate and solid particles
- Refrigeration air dryer

## Components of the central

- ✓ 1 compressed air cooler constructed with copper tubes and aluminum fins for high corrosion resistance and electric motor
- ✓ 1 filter / separator for condensate and solid particles with metal housing, sintered filter element, drain type automatic float and display lateral level of condensate
- ✓ 1 compressed air dryer – refrigeration type

## How the central works

- ① The hot and humid air from the compressor enters in the air cooler (also called a radiator), passing inside the finned tubes where it is cooled by outside air that is blown by the fan assembly.
- ② With the cooling that occurred up to 70% of this water condenses. This condensate is separated by the filter separator condensate that in addition to separate and remove condensate (via the automatic drain corporate) also removes solid particles in the air.
- ③ Leaving the filter separator, compressed air then enters the compressed air dryer refrigeration, where it receives the final treatment of dry (dew point +3°C), being so dry and filtered for use.

*Optionally the central processing of compressed air can be supplied with additional filters (type coalescing / activated charcoal) to obtain oil-free compressed air and odors for specific applications - refer to our technical dept.*

## Applications

The compressed air from the central treaty can be used in various applications such as:

- Instrumentation
- Painting (we recommend adding coalescing filter)
- Pneumatic Tools
- Pneumatic conveying

## SELECTION TABLE

Model	Flow rate		Components			Outlet connections
	pcm	Nm <sup>3</sup> /h	Cooler	Filter	Dryer	
CTA 60	60	102	AC-0150	F74G-6AN-AD3	THL-0150	3/4" R
CTA 135	135	230	AC-0400	F17-800-A3DA	THL-0400	1" R
CTA 170	170	290	AC-0500	F17-800-A3DA	THL-0500	1" R
CTA 225	225	434	AC-0600	F17-B00-A3DA	THL-0600	1 1/2" R
CTA 280	280	475	AC-0700	F17-B00-A3DA	THL-0700	1 1/2" R

Other capacities on request

Reference conditions: air temperature at the inlet of the cooler 150 °C maximum  
dew point output at 3 °C  
maximum operating pressure 16 bar