

Marketing presentation

CLINIC

 **Gentilin**[®]
OIL-FREE. THE NEW NORMAL.



Product category

01.

PORTABLE AIR

Craftmens (Plumbers, installers, renovators, restorers, maintainers, sub-contractors, road operators, farmers).

02.

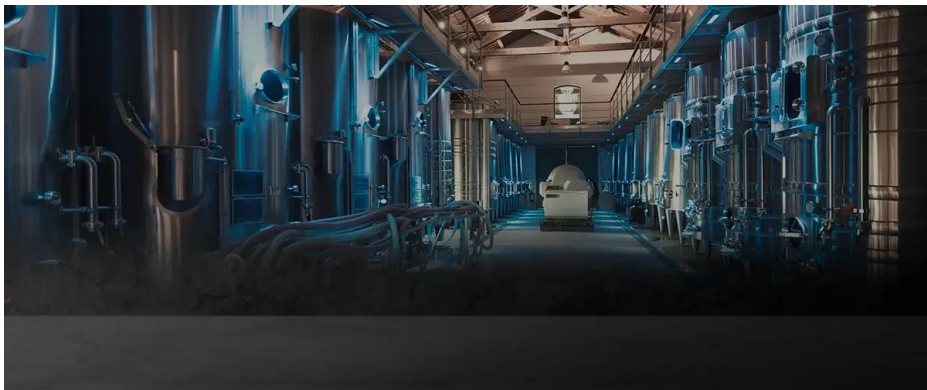
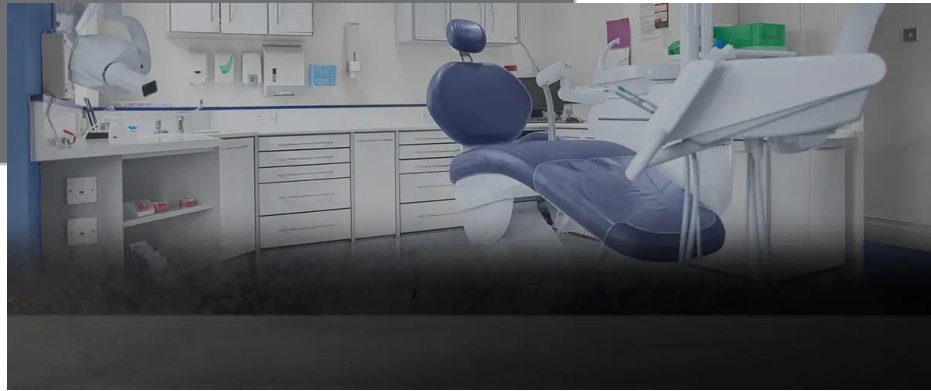
PROCESS AIR

Wineries, Food laboratories, Dairy, Pastry laboratories, Bakehouses, Food industry, Milking rooms, Scientific laboratories, Medical laboratories, Dental practices, Veterinary

03.

OEM AND CUSTOMIZATIONS

Compressors manufacturer, Compressed-air-driven machinery manufacturers, Private label companies.



Process Air

PISTON COMPRESSORS

- › SMART range
- › CLINIC range
- › HUSH range
- › QUBE range

SCROLL COMPRESSORS

- › Basic range
- › Advanced range

SCREW COMPRESSORS

- › HYDRO SD range

CLINIC – The Concept

CLINIC range has been created to meet the increasingly stringent requirements in relation to air quality, in sectors such as Dental, Medical and Food&Beverage industry, as well as in laboratory applications and in Biogas production processes. Our technical team has developed CLINIC range with the intention of achieving the following results:

- › Medical grade air
- › Non-stop constant operation H24 at 10 bar
- › Minimum maintenance
- › Quietness

These results have been achieved thanks to the combined use of different technologies:

- › AXXER patented Oil-free mechanics
- › S1 duty electric motors (100% ON)
- › AISI 304 stainless steel tanks
- › Membrane dryers
- › Sterilization by HEPA certified bacterial sage

Thanks to the use of these technologies, we have been able to guarantee our customers:

- › A constant air flow free of contaminants (oil-free class 0) up to ISO 0-2-0 purity
- › Continuous H24 non-stop operation at constant 10 bar pressure
- › 90% reduction in interventions and maintenance costs compared to compressors with traditional air treatment systems (Refrigeration/Adsorption)
- › Maximum acoustic comfort and the possibility to operate the products in noise-sensitive environments

CLINIC - Features

Power	1,8 to 6,0 Kw
Tanks	40 L to 500 L
Air purity standard	Fino alla classe 0-2-0 (ISO 13285)
Duty cycle	100% ON – Continuous duty
Max pressure	10 bar
FAD	Up to 660 L/min.
Maintenance overhaul	3.000 hr *
Tank treatments	Stainless Steel AISI 304
Noise level	From quiet to Ultra-Quiet (55-78 dB)

* Referred to a continuous duty at 8 bar pressure

CLINIC – The range



CLINIC 3.40

- › 1,8 kW
- › 40 L
- › 240 L/min



CLINIC 6.90

- › 3,0 kW
- › 90 L
- › 480 L/min



CLINIC 12.500

- › 6,0 kW
- › 500 L
- › 960 L/min

CLINIC 3

1,8 kW - 240 L/min.



TYPE	MODEL	ISO 12385
<ul style="list-style-type: none">• Standard	CLINIC 3.40	X-X-0
<ul style="list-style-type: none">• With membrane air dryer (DewPoint -40°C)	CLINIC DRY 3.40 H	3-2-0
<ul style="list-style-type: none">• With membrane air dryer (DewPoint -40°C)• With sterile filter (Molecular sieve 0,01 micron)	CLINIC DRY 3.40 HS	0-2-0

* All CLINIC 3 models are equipped with hour-meters for an easy workload monitoring

CLINIC 6

3,0 kW - 480 L/min.



TYPE	MODEL	ISO 12385
<ul style="list-style-type: none">Standard	CLINIC 6.90	X-X-0
<ul style="list-style-type: none">With membrane air dryer (DewPoint -40°C)	CLINIC DRY 6.90 H	3-2-0
<ul style="list-style-type: none">With membrane air dryer (DewPoint -40°C)With sterile filter (Molecular sieve 0,01 micron)	CLINIC DRY 6.90 HS	0-2-0

* All CLINIC 6 models are equipped with hour-meters for an easy workload monitoring

CLINIC 6

6,0 kW - 960 L/min.



TYPE	MODEL	ISO 12385
<ul style="list-style-type: none">Standard	CLINIC 12.500	X-X-0
<ul style="list-style-type: none">With membrane air dryer (DewPoint -40°C)	CLINIC DRY 12.500 H	3-2-0
<ul style="list-style-type: none">With membrane air dryer (DewPoint -40°C)With sterile filter (Molecular sieve 0,01 micron)	CLINIC DRY 12.500 HS	0-2-0

* All CLINIC 12 models are equipped with hour-meters for an easy workload monitoring

CLINIC - Features

OPTIMAL FUNCTIONALITY

- › Automatic condensate drain from the tank. Avoids accumulation and contamination due to condensate stagnation
- › Solenoid valve for a secure pressure discharge in cases of sudden lack of electricity

STAINLESS STEEL TRANKS

- › Aseptic and food grade AISI 304
- › No risk of corrosion and contamination

SOUNDPROOFED PUMPS

- › Great comfort thanks to low noise emissions (down to 67 dB)



HOUR-METERS

- › Exact monitoring of workloads
- › Precise control of maintenance intervals

RUBBER DAMPERS

- › Perfect dissipation of vibration for maximum component reliability and durability
- › Relevant acoustic insulation

AXXER OIL-FREE PATENTED MECHANICS

- › Pure oil-free air (Class 0)
- › Non-stop duty 100% ON at 10 bar
- › 3,000 hours of work before first maintenance is needed

SI CLASS MOTORS

- › Non-stop duty 100% ON
- › High efficiency low ampere absorption

CLINIC – Air treatment



PURE AIR THROUGH 4 STAGES

Compressors of the CLINIC range (DRY versions) are equipped with a 4-stage air drying system, developed by our engineering team to ensure a constant air flow and maximum air purity.

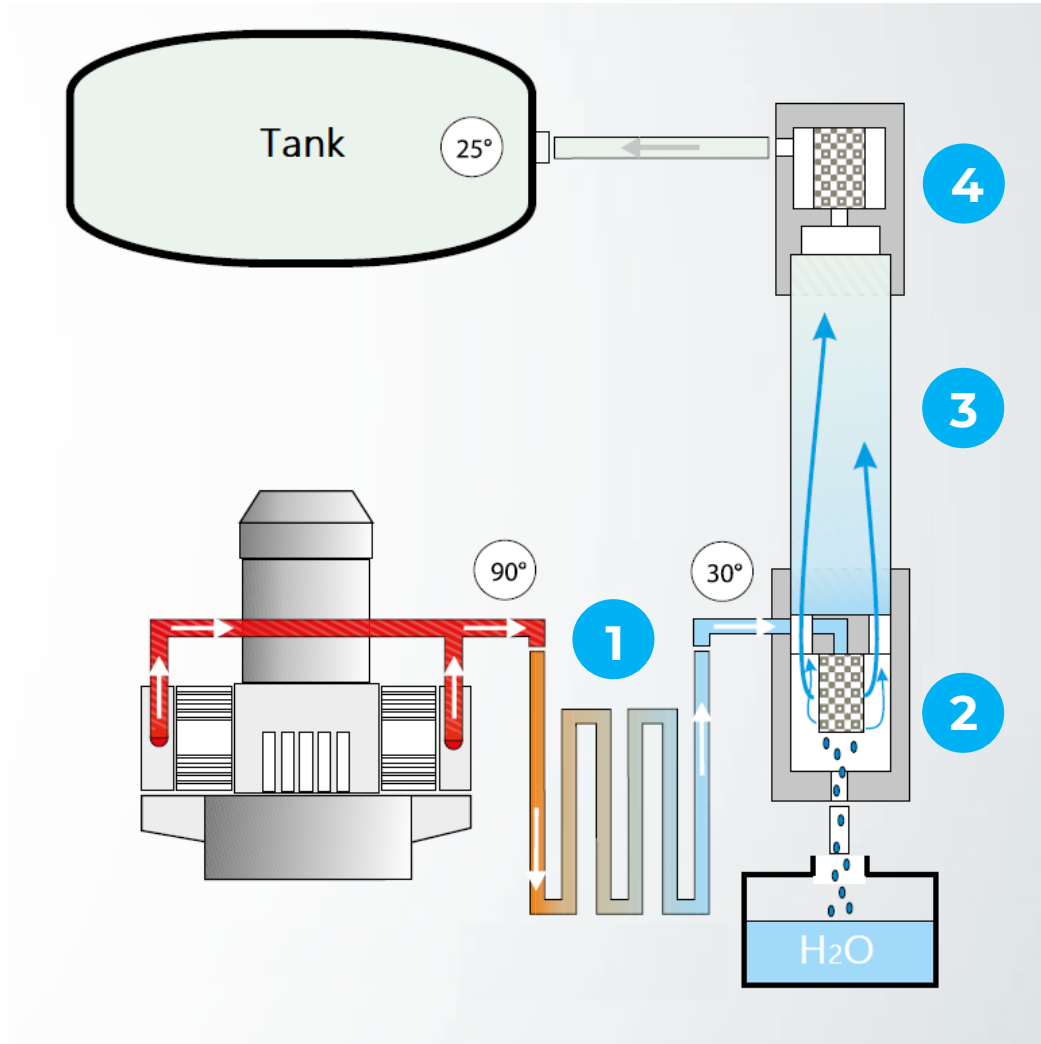
EFFICIENCY AND DURABILITY

CLINIC range air treatment system (DRY versions) can operate continuously non-stop and does not require expensive maintenance or replacement of cartridges or drying substances

MEDICAL GRADE AIR

The air generated has a degree of purity guaranteed up to class 0-2-0 (ISO12385 standards) and an output temperature that never exceeds + 10 °C from the ambient temperature

CLINIC – Air treatment



1st STAGE – Temperature reduction

The heat exchanger reduces the temperature of the air coming out of the pumping unit and facilitate condensate misting, preparing the air flow for the second stage of the process

2nd STAGE – Air/Water separation

A sequence of two SMC air/water filter separators separates the air from the nebulized condensation and acts as a first barrier to any contaminating particles with a 20 to 0.5 micron molecular sieve

3rd STAGE– Drying air through membrane fibers

The air flow is guided through the fibers of the world-class BEKO membrane dryer unit, until it reaches the dew point of -40°C from the ambient temperature (at the reference pressure of 10 bar).

4th STAGE – Sterilization (HS models)

During the last stage dry air enters the sterilizing filters (HEPA) that acts as a barrier for contaminating molecules by sterilizing the air flow through a 0.01 micron molecular sieve

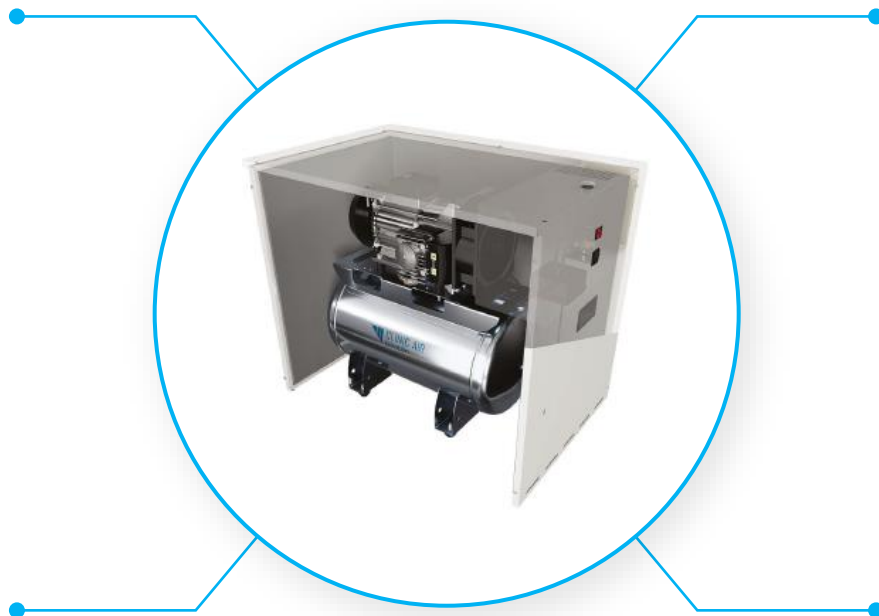
CLINIC – Soundproofing cabinets

ACOUSTIC COMFORT

- › -12 dB noise reduction thanks to the use of high-density sound-absorbing material
- › Comfortably operate compressors in your operating environment

FORCED VENTILATION

- › Keeps the working temperature constant and allows the use of compressors at 100% of their working cycle



FUNCTIONALITY

- › External control kit for pressure and air flow regulation (optional)
- › External compartment for condensate-collection container housing

VERSATILITY

- › Its 4 walls + cover and hollow bottom composition allow for an easy installation either on new or on already operating compressors
- › Low volume «flat» shipping package

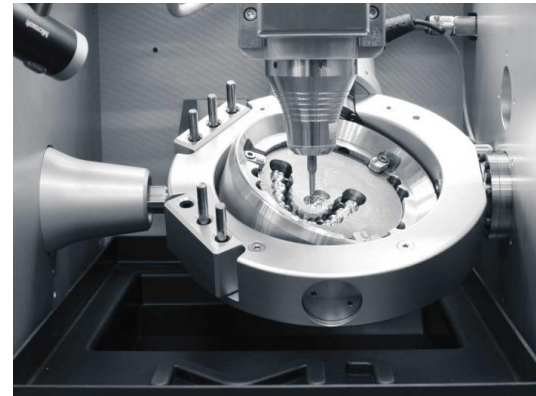
CLINIC – Sound proofing cabinets

Compressor model	Cabinets
CLINIC 3	COMFORT 40
CLINIC 6	COMFORT 90



CLINIC - Applicazioni

- › Dental clinics
- › CAD/CAM
- › Hospitals and medical laboratories
- › Food&Beverage laboratories and applications
- › Clean-rooms (Chemical and analysis Laboratories, precision mechanics laboratories, electronics laboratories)
- › Bio-gas generation (Nitrogen exc.)
- › Wine making processes
- › Beer making processes
- › Industrial painting
- › Photovoltaic plants
- › Industrial printing
- › Packaging processes



CLINIC – Advantages for the end users



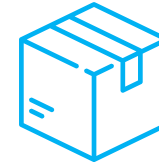
Ensuring a healthy workplace

Class 0 Oil-free operation, together with a 4-stage air treatment system, makes the CLINIC range the ideal product to guarantee a healthy working environment. Give your customers and patients the confidence to be welcomed in a place free of contaminants and where there is no risk of infection.



Avoid downtimes technical issues and delays

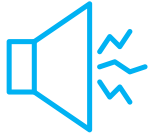
Experience the reliability of a MADE IN ITALY product conceived and developed to guarantee industrial working cycles. Forget thermal cooling downtimes and enjoy maximum reliability during operation. Using CLINIC range compressors allows a regular and uninterrupted programming of your business freeing you from the risks of interruption and expensive technical downtime.



Avoid contamination and products decay

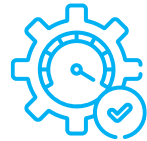
Contamination and deterioration of products, particularly in the food&beverage and medical sectors, are critical operational issues and important costs. The CLINIC oil-free Class 0 compressors, equipped with advanced air treatment solutions, guarantee contaminant-free compressed air, which translates into maximum quality on the finished product and no danger of contamination.

CLINIC – Advantages for the end users



Acoustic comfort in any situation

Products of the CLINIC range are designed to ensure acoustic comfort in any professional environments, whether they are placed in the machinery rooms or directly in the working rooms. Thanks to the noise abatement technologies keeping noise emissions under control will no longer be a problem.



Maintenance costs reduced to an absolute minimum

CLINIC air compressors are developed with industrial grade technology and components. Hi-efficiency motors, oil-free mechanics and auto-regenerative membrane dryers help minimizing maintenance intervention, thereby reducing operating costs to a minimum.

Compressors of the CLINIC range allow considerable savings in a medium to long term perspective.



CLINIC – Sales Channels



Dealers specialized in compressed air solutions



Dealers of medical equipment



Food & beverage processing equipment and machinery retailers



Dental and orthodontics equipment dealers



CLINIC - Deliveries

Mod.	Delivery time
CLINIC DRY 3.40 H CLINIC DRY 6.90 H (400V)	5 working days *
CLINIC 3.40 CLINIC DRY 3.40 HS CLINIC 6.90 (230V) CLINIC 6.90 (400V) CLINIC DRY 6.90 H (230V) CLINIC DRY 6.90 HS (230V) CLINIC DRY 6.90 HS (400V) CLINIC 12.500 CLINIC DRY 12.500 H CLINIC DRY 12.500 HS	4 weeks

* Conditions apply, please contact our sales area managers for further information

