

HEXAGONE

AIR CONCEPT



French manufacturer of compressors

Studies, audits, diagnosis, design and custom-made
specialization, sale and rental, maintenance and repair



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How to choose my air compressor?

It is important to choose the ideal compressor according to the use you want to make.

First, you need to define the area of use of your compressed air. For example, agri-food, medical or viniculture may require air class 0 according to ISO 8573-1, that is to say, free of any pollutant. You will then turn to an oil less compressor. For other less demanding areas, a lubricated compressor can be used.

The second essential point is to define the flow required for your installation. The higher the flow rate, the higher the power required.

At Hexagone Air Concept, we offer different types of technologies: spirals, pistons and screws.

Icons through the catalogue



Spiral



Piston



Screw



Nitrogen



Lubricated



Oil less



soundproofed



Powerful



Understanding the load rate

The load rate corresponds to the ability of the compressor to operate continuously or not. It is the ratio between the operating time and the total time of use. For example, for a load rate of 50%, a compressor that will run for 10 minutes will have to be idle for at least 10 minutes. A compressor can operate 10 minutes on a total time of 20 minutes.



The usefulness of tanks

It is sometimes necessary to have a large amount of compressed air or available nitrogen. This is the reason we offer tank-mounted compressors or separate tanks for frame-mounted compressors. They can sometimes act as buffers, absorbing fluctuations in air consumption and having a constant output airflow.



Class 0 – Totally oil free – ISO 8573-1:2010 standards

There are three main pollutants in compressed air:

- **Solide particles:** dust, rust, etc.
- **Water :** in the form of vapor or liquid. It can be removed using a dryer (refrigeration or adsorption) or a cyclonic separator filter.
- **Oil :** it is the most harmful pollutant for the environment and the most expensive in the compressed air process.

[For further information, take a look at page 8.](#)



Spiral – The least polluting technology

The compression is done through two spirals moving orbital relative to each other. The friction is reduced, this type of compression does not require lubrication by oil. These compressors have interesting advantages: a reduced sound level, a great flexibility of use, a reduced consumption and robustness.



Pistons compressors – The most profitable technology

Thanks to the rotation of the crankshaft in the compression block, the piston sucks in air, compresses it, then pushes it back. Piston compressors are mostly lubricated compressors, and are among the least expensive on the market. The volume flow generated is expressed, that is to say the volume of air sucked by the compressor.

To know the actual flow of a piston compressor, it is possible to use the following ratio: 80% of the volumetric generated for a single-stage block and 70% for a two-stage.



Screw compressors – The most powerful technology

The compression block consists of two nested screws one inside the other, a female and a male. Throughout the rotation, the air is sucked, compressed and repressed. The two screws are never in contact thanks to a thread of oil present in permanence which ensures the sealing and the cooling. This technology makes it possible to obtain the best flows with comparable power.



Nitrogen – Inert gas for demanding applications

Nitrogen is produced from dry, oil-free compressed air by molecular separation. A nitrogen generator separates the nitrogen and oxygen molecules present in the air via a molecular sieve of carbon or hollow fibers. This process achieves nitrogen purity of up to 99.999% with the PSA system and 99.5% with the membrane system.

[For further information, take a look at page 9.](#)



**French
manufacturer of
creative, smart
and innovative
compressors**

Hexagone Air Concept is a subsidiary of the CHL Participations group, which has been an integral part of Guernet Compresseurs, a French manufacturer of compressors since 1911. Always looking for the best for you, we are constantly innovating to better meet your needs.

Hexagone Air Concept has developed ranges of compressors. Our team is convinced that compressors in the future will have to be less polluting. We propose ranges from 0.5 HP to over 100 HP in the not lubricated range. Through this catalogue, discover innovative products, clean and designed to last over the years, equip you with the best compressors on the French market, with a team dedicated to you, a personalized after-sales service and support. We also offer services such as studies, audits, diagnosis, custom manufacturing, air treatment, air networks and accessories, sales of compressors, as well as turnkey installations.

To buy Hexagone Air Concept is to be sure to equip yourself with an efficient and durable product.



Who are we ?



Hervé GUERNET
Company Manager



Franck SUBRENAT
Sales Manager



Benjamin LECHAUVE
Product + After-sales Manager



Emmanuelle JEANDOT
Administrative Assistant

- + A team of experienced technicians, workshop and intervention throughout France
- + A R&D department that thinks and innovates our products to meet your needs
- + A communication and marketing team that keeps you informed about the latest innovations
- + After-sales service in our premises located in Joigny in the northern Burgundy.



Studies, audits and diagnosis

We send a team of professionals to conduct a study of your needs and an audit and provide you with a precise diagnosis to advise you the most suitable product.



Custom-made

We want to develop THE compressor that will meet all your expectations thanks to the engineers and technicians of our R&D office and manufacturing workshop.



Sale, rental and installation

Buy your new or second-hand equipment, rent advanced equipment for the duration of your choice, we install it from piping to commissioning.



Maintenance and repair

We are committed to you with a maintenance contract and implement the know-how of our traveling technicians throughout France and our sedentary workshop.

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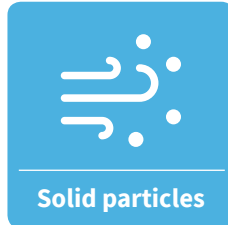
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Not lubricated air ISO 8573-1 Standards Class 0

Referring to ISO 8573-1 (Edition 3 - 2010), compressed air is responsible for three main pollutants:



«The best way to find no trace of oil in the compressed air that we manufacture is not to put, at the base, in the compressor we use»

It is in this sense that Hexagone Air Concept has built a complete range, completely non-lubricated, intended for all industries that are sensitive to quality performance commitments, maintenance costs and the protection of the environment.

Adopt a new way of producing better



Simplified **nitrogen** production

Due to membrane or molecular sieve separation of carbon, the filtration of oxygen and nitrogen molecules has been made possible.

The purities reached can go up to 99.999% without excessive air consumption.

Flow rates are continuous and safety is maximized with an oximeter included as standard throughout the range. Portability is also honored with the Alizé, which can achieve purities of 99.5% at a rate of 8 Nm³/h continuously.

So many opportunities for applications requiring quality inerting associated with a clean and eco-responsible clean air CLASS 0.



Produce air of
unprecedented **purity** and
quality



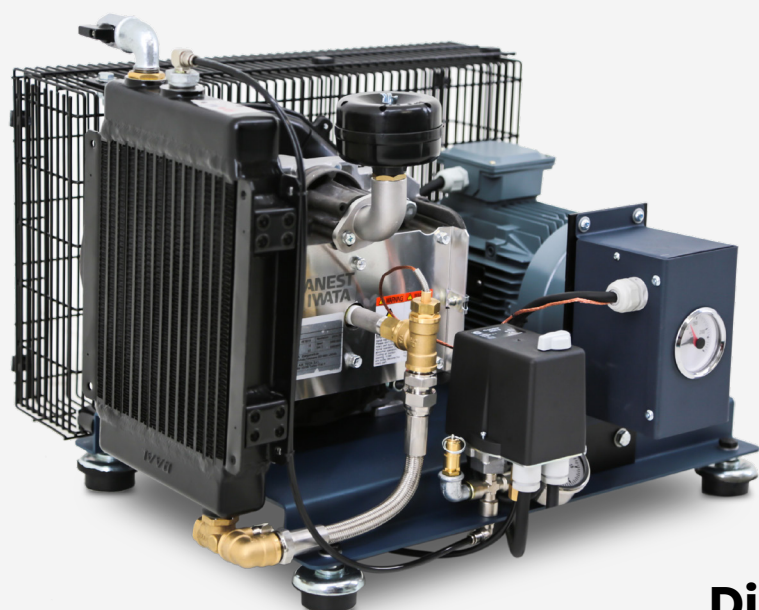
Oil less compressors

Innovative compressors, respectful of the environment and just as powerful. Why choose an oil less compressor?

Hexagone Air Concept offers its range of oil free compressors, ideal for industrial applications for food, water treatment, viniculture, laboratories and all applications requiring clean air, without any trace of oil.

In these various areas, it is essential to use an air of irreproachable quality free of any known pollutant in order to preserve the qualities and results of your product. Moreover, the use of this type of compressors helps to respect values that are dear to us, namely, to better protect the environment in which we evolve each day.

At Hexagone Air Concept, we make every effort to move towards a healthier and more serene future.



Discover our range of oil free compressors >



OENO-SCROLL

Oil less spirals compressors



The Oeno-Scroll range is the fruit of numerous researches aiming to bring you the simplicity, the robustness and the performance of its machines.

This range, which is more respectful of your process and the environment, is completely oil-free, without pollutants, without consumables and without any risk of leakage. The compressors of the Oeno-Scroll range allow you to reach class 0.

The Oeno-scroll models are intended for the food industry and allow an air compression without oil thanks to its spirals system. It is the ideal technology to guarantee healthy and unpolluted air in all circumstances.

We offer several types of compressors equipped with this technology: soundproofed box, tank-mounted or tank-mounted with integrated dryer.



Soundproofed box



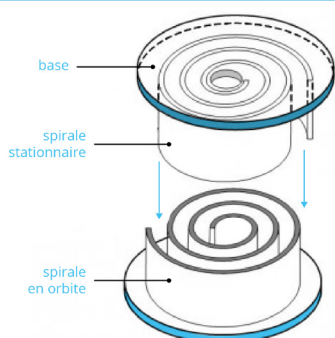
Frame-mounted version on request



Air dryer



Spiral technology



Advantages

Simple and electro-pneumatic control system, stainless glycerine bath pressure gauge, oversized refrigerant, totally class 0 non-lubricated air, very low sound level, low maintenance, frame-mounting version available.

SOUNDPROOFED BOX - WITH SIMPLIFIED CONTROL SYSTEM, IDEAL FOR CONTINUOUS AND INTENSIVE USE

MODEL	VOLTAGE	TANK	POWER		REAL FLOW		PRESSURE	SOUND LEVEL	Ø OUTPUT	DIMENSIONS
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	dB(A)		mm
OS 3-8M VV	230 1ph / 50 Hz	-	2,2	3	240	14,4	8	55	G 1/2" F	550 x 690 x 760
OS 3-10M VV	230 1ph / 50 Hz	-	2,2	3	195	11,7	10	55	G 1/2" F	550 x 690 x 760
OS 3-8T	400 3ph / 50 Hz	-	2,2	3	240	14,4	8	55	G 1/2" F	550 x 690 x 760
OS 3-10T	400 3ph / 50 Hz	-	2,2	3	195	11,7	10	55	G 1/2" F	550 x 690 x 760
OS 5-8T	400 3ph / 50 Hz	-	4	5,5	407	24,4	8	57	G 1/2" F	550 x 690 x 760
OS 5-10T	400 3ph / 50 Hz	-	4	5,5	342	20,5	10	57	G 1/2" F	550 x 690 x 760
OS 7-8T	400 3ph / 50 Hz	-	5,5	7,5	633	38	8	59	G 3/4" F	700 x 800 x 880
OS 10-8TYDS	400 3ph / 50 Hz	-	7,5	10	816	48,9	8	59	G 3/4" F	700 x 800 x 880

SOUNDPROOFED BOX WITH DRYER - AIR TREATMENT

MODEL	VOLTAGE	TANK	POWER		REAL FLOW		PRESSURE	SOUND LEVEL	Ø OUTPUT	DIMENSIONS
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	dB(A)		mm
OS 3-8M VV	230 1ph / 50 Hz	-	2,2	3	240	14,4	8	55	G 1/2" F	550 x 1015 x 760
OS 3-10M VV	230 1ph / 50 Hz	-	2,2	3	195	11,7	10	55	G 1/2" F	550 x 1015 x 760
OS 3-8T transfo	400 3ph / 50 Hz	-	2,2	3	240	14,4	8	55	G 1/2" F	550 x 1015 x 760
OS 3-10T transfo	400 3ph / 50 Hz	-	2,2	3	195	11,7	10	55	G 1/2" F	550 x 1015 x 760
OS 5-8T transfo	400 3ph / 50 Hz	-	4	5,5	407	24,4	8	57	G 1/2" F	550 x 1015 x 760
OS 5-10T transfo	400 3ph / 50 Hz	-	4	5,5	342	20,5	10	57	G 1/2" F	550 x 1015 x 760
OS 7-8T	400 3ph / 50 Hz	-	5,5	7,5	633	38	8	59	G 3/4" F	700 x 1195 x 880
OS 10-8TYDS	400 3ph / 50 Hz	-	7,5	10	816	48,9	8	59	G 3/4" F	700 x 1195 x 880

SOUNDPROOFED ON-TANK BOX - CONSTITUTES AN ADVANTAGE FOR DIMENSION BY REDUCING THE SURFACE OCCUPIED ON THE GROUND

MODEL	VOLTAGE	TANK	POWER		REAL FLOW		PRESSURE	SOUND LEVEL	Ø OUTPUT	DIMENSIONS
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	dB(A)		mm
OS 3-8-200M VV	230 1ph / 50 Hz	200	2,2	3	240	14,4	8	55	G 1/2" F	1400 x 570 x 1350
OS 3-10-200M VV	230 1ph / 50 Hz	200	2,2	3	195	11,7	10	55	G 1/2" F	1400 x 570 x 1350
OS 3-8-200T	400 3ph / 50 Hz	200	2,2	3	240	14,4	8	55	G 1/2" F	1400 x 570 x 1350
OS 3-10-200T	400 3ph / 50 Hz	200	2,2	3	195	11,7	10	55	G 1/2" F	1400 x 570 x 1350
OS 5-8-200T	400 3ph / 50 Hz	200	4	5,5	407	24,4	8	57	G 1/2" F	1400 x 570 x 1350
OS 5-10-200T	400 3ph / 50 Hz	200	4	5,5	342	20,5	10	57	G 1/2" F	1400 x 570 x 1350
OS 7-8-500T	400 3ph / 50 Hz	500	5,5	7,5	633	38	8	59	G 3/4" F	1925 x 600 x 1550
OS 10-8-500TYD	400 3ph / 50 Hz	500	7,5	10	816	48,9	8	59	G 3/4" F	1925 x 600 x 1550

SOUNDPROOFED ON-TANK BOX + DRYER - A COMPLETE TOOL FOR OPTIMUM AIR QUALITY

MODEL	VOLTAGE	TANK	POWER		REAL FLOW		PRESSURE	SOUND LEVEL	Ø OUTPUT	DIMENSIONS
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	dB(A)		mm
OS 3-8-200MS VV	230 1ph / 50 Hz	200	2,2	3	240	14,4	8	55	G 1/2" F	1400 x 570 x 1350
OS 3-10-200MS VV	230 1ph / 50 Hz	200	2,2	3	195	11,7	10	55	G 1/2" F	1400 x 570 x 1350
OS 3-8-200TS	400 3ph / 50 Hz	200	2,2	3	240	14,4	8	55	G 1/2" F	1400 x 570 x 1350
OS 3-10-200TS	400 3ph / 50 Hz	200	2,2	3	195	11,7	10	55	G 1/2" F	1400 x 570 x 1350
OS 5-8-200TS	400 3ph / 50 Hz	200	4	5,5	407	24,4	8	57	G 1/2" F	1400 x 570 x 1350
OS 5-10-200TS	400 3ph / 50 Hz	200	4	5,5	342	20,5	10	57	G 1/2" F	1400 x 570 x 1350
OS 7-8-500TS	400 3ph / 50 Hz	500	5,5	7,5	633	38	8	59	G 3/4" F	1925 x 600 x 1550
OS 10-8-500TYDS	400 3ph / 50 Hz	500	7,5	10	816	48,9	8	59	G 3/4" F	1925 x 600 x 1550

LEGEND : YD = Star/delta start - VV = frequency inverter



TOP300 / SUPERFOX

Silent oil less pistons compressors



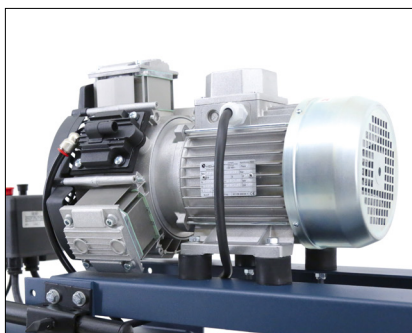
The TOP300 and SUPERFOX ranges can withstand continuous running speeds thanks to their low speed of rotation of 1400 rpm, their special segmentation (PTFE), their large dimensioned rods mounted on bearings lubricated for life by special grease.

Their valve system and suction inlet provide an exceptionally comfortable sound level, unrivaled until now for coaxial compressors.

These class 0 compressors according to ISO 8573-1 will introduce you to a new era of manufacture. Produce a clean, eco-responsible air for applications in many areas where the air must be the least polluted possible. Achieving air quality in this class is one way to meet the high demands of manufacturing quality.



Handles: easily maneuverable



Silent oil free electrobloc



Inflatable wheels for better compressor mobility



Specific models

Upon request, our R&D department analyzes your needs and creates specific models according to your instructions. For many years, we have been working hand-in-hand with our customers to respond to the various changes related to jobs requiring compressed air. The specific models will have the particularity to answer precisely to your need for your greater comfort of work.



Advantages

Continuous use, reliable and robust production. Electroblock easy to integrate in a subassembly, compressor non-lubricated class 0. Very low sound level, possibilities to control it, equip it with vacuum and check valves.

ON-TANK - CONSTITUTES AN ADVANTAGE FOR DIMENSION BY REDUCING THE SURFACE OCCUPIED ON THE GROUND

MODEL	VOLTAGE	TANK	POWER		REAL FLOW		PRESSURE	ROTATION SPEED	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm ³ /h	BAR	rpm	mm	kg
SUPERFOX12V5L	12 Vcc	5	0,8	1,1	260	15,6	10	2400	450 x 350 x 300	15
SUPERFOX24V5L	24 Vcc	5	0,8	1,1	280	16,8	10	2600	450 x 350 x 300	15
SUPERFOX3/25M	230 1ph / 50 Hz	25	1,1	1,5	240	14,4	10	1400	600 x 540 x 830	33
SUPERFOX3/50M	230 1ph / 50 Hz	50	1,1	1,5	240	14,4	10	1400	810 x 400 x 690	36
TOP 300/3/50	230 1ph / 50 Hz 400 3ph / 50 Hz	50	1,5	2	280	16,8	10	1450	850 x 350 x 660	46
TOP 300/3/100	230 1ph / 50 Hz 400 3ph / 50 Hz	100	1,5	2	280	16,8	10	1450	1150 x 370 x 700	58
TOP 300-3-200M	230 1ph / 50 Hz	200	1,5	2	280	16,8	10	1450	1387 x 490 x 884	NC
TOP 300-3-200T	400 3ph / 50 Hz	200	1,5	2	280	16,8	10	1450	1387 x 490 x 884	NC
TOP 300-3-300TV	400 3ph / 50 Hz	270	1,5	2	280	16,8	10	1450	710 x 710 x 1557	NC
TOP 300/3T/CSE	400 3ph / 50 Hz	-	1,5	2	280	16,8	10	1450	Electrobloc	NC

**HANDLE
BEST GRIP**

**ELECTROBLOC
OIL FREE**

**TANK
EPOXY PAINT**

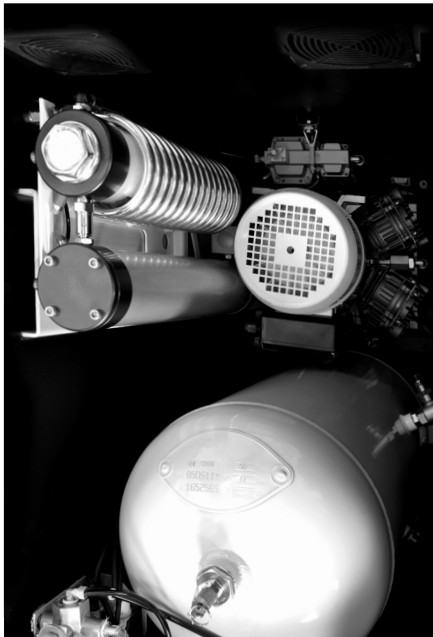
**ANTIVIBRATION
PAD**

**PRACTICAL
WHEELS**



SIROCCO

Soundproofed oil less pistons compressors



The oil-free piston compressors SIROCCO is designed to withstand high work rhythms, with a very low maintenance cost.

Intended for applications that require very clean air with low flow rates such as the dental market or laboratories, the model also incorporates an adsorption dryer and a filtration kit with automatic drain (optional on the PLUS version).

The tanks built into these compressors are manufactured according to European Directives 2009/105/EC and 97/23/EC.



Start switch and pressure gauge



Antivibration pads



Output valves



Sirocco + model

Filtration set with built-in automatic drain (0.01 micron).

High efficiency adsorption dryer, which adsorbs moisture and ensures dry air



Les avantages de la gamme

Oil-free compression head (class 0), super-soundproofed single-phase compressor, ceramic-coated twin-flat air pump, very simple plug and play installation, special antivibration rubber pads, low consumption and high efficiency electric motor, health treated and white epoxy painted tank, filter and adsorption dryer (on MPLUS)

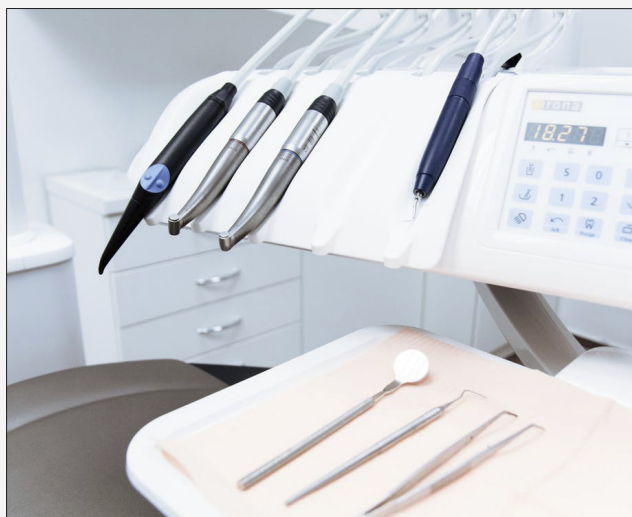


Various applications

The SIROCCO range is intended for applications in the laboratory or dental fields. Its low flow rates allow surgical precision, the pure air it produces is essential in these environments where hygiene must be irreproachable.

FRAME-MOUNTED - PRACTICAL AND COMPACT

MODEL	VOLTAGE	TANK	POWER		REAL FLOW		PRESSURE	ROTATION SPEED	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm ³ /h	BAR	rpm	mm	kg
SIROCCO 2-10-50M	230 1ph / 50 Hz	50	1,5	2	240	14,4	10	1400	740 x 465 x 970	110
SIROCCO 2-10-50PLUS	230 1ph / 50 Hz	50	1,5	2	240	14,4	10	1400	740 x 465 x 970	120



56 dB(A)





ZÉPHYR

Soundproofed oil less pistons compressors – High efficiency



The ZÉPHYR range is the result of a work grouping innovative materials and a great competence in the mechanical assembly.

Incorporating a composite resin piston concept, the ZÉPHYR accepts quasi-continuous load rates at high operating temperatures. No maintenance on the air pump the first 10,000 hours of operation or the first 4 years. It also incorporates a totally oil-free air pump.

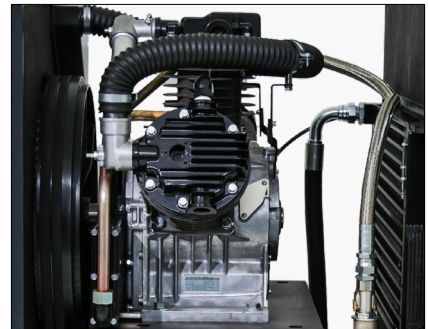
The preferred applications for this type of compressor are food processing, medical, laboratories and all applications using air without oil.



Inside view



Antivibration pads



Oil free compression block



Composite piston



Advantages

Designed for medical and food applications, hermetically sealed crankshaft and connecting rod bearing, patented specific pistons, constant performance in intensive or intermittent operation, NORDET-like construction, oversized radiator and fan ventilation.

FRAME-MOUNTED - PRACTICAL AND COMPACT

MODEL	VOLTAGE	TANK	POWER		REAL FLOW		PRESSURE	ROTATION SPEED	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm ³ /h	BAR	rpm	mm	kg
ZEPHYR 3-10T	400 3ph / 50 Hz	-	2,2	3	220	13,2	10	1060	770 x 565 x 1010	160
ZEPHYR 5-10T	400 3ph / 50 Hz	-	4	5,5	330	19,8	10	1060	770 x 565 x 1010	160
ZEPHYR 7-10T	400 3ph / 50 Hz	-	5,5	7,5	540	32,4	10	940	830 x 690 x 1150	191
ZEPHYR 7-14T	400 3ph / 50 Hz	-	5,5	7,5	540	32,4	14	980	830 x 690 x 1150	191
ZEPHYR 10-10T	400 3ph / 50 Hz	-	7,5	10	788	47,2	10	1020	830 x 690 x 1150	200
ZEPHYR 10-14T	400 3ph / 50 Hz	-	7,5	10	725	43,5	14	980	830 x 690 x 1150	200
ZEPHYR 15-10T	400 3ph / 50 Hz	-	11	15	1098	65,8	10	2010	1160 x 815 x 1190	225
ZEPHYR 15-14T	400 3ph / 50 Hz	-	11	15	1055	63,3	14	1050	1160 x 815 x 1190	225



PONANT OF Oil less pistons compressors

A SIMPLIFIED AND ECONOMIC TOOL

MODEL	VOLTAGE	TANK	POWER		REAL FLOW		PRESSURE	ROTATION SPEED	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm ³ /h	BAR	rpm	mm	kg
PONANT 2-8TOF	400 3ph / 50 Hz	-	1,5	2	165	9,9	8,5	1280	700 x 460 x 620	65
PONANT 2-10TOF	400 3ph / 50 Hz	-	1,5	2	160	9,5	10	1240	700 x 460 x 620	65
PONANT 3-10-200TOF	400 3ph / 50 Hz	200	2,2	3	235	14	10	1080	1380 x 480 x 980	111
PONANT 3-10-200TSOF	400 3ph / 50 Hz	200	2,2	3	235	14	10	1080	1380 x 480 x 980	116
PONANT 3-10-200TOFECO	400 3ph / 50 Hz	200	2,2	3	235	14	10	1060	781 x 442 x 620	45
PONANT 5-8TOF	400 3ph / 50 Hz	-	3,7	5	380	22,8	8,5	1060	1020 x 570 x 740	100
PONANT 5-8-230TSOF	400 3ph / 50 Hz	230	3,7	5	380	22,8	8,5	1040	1170 x 643 x 1370	162
PONANT 5-10TOF	400 3ph / 50 Hz	-	3,7	5	330	19,8	10	1060	1020 x 570 x 740	100
PONANT 5-10-270TOF	400 3ph / 50 Hz	270	3,7	5	350	20,9	10	1040	1700 x 600 x 1270	157
PONANT 5-10-TOFECO	400 3ph / 50 Hz	-	3,7	5	350	20,9	10	1080	750 x 480 x 600	85
PONANT 7-8-TOF	400 3ph / 50 Hz	-	5,5	7	565	33,9	8	940	1020 x 570 x 740	124
PONANT 7-10-270TOF	400 3ph / 50 Hz	270	5,5	7	540	32,4	10	900	1700 x 600 x 1270	157
PONANT 7-10-230TSOF	400 3ph / 50 Hz	230	5,5	7	540	32,4	10	940	1600 x 490 x 1120	320
PONANT 7-10TOF	400 3ph / 50 Hz	-	5,5	7	540	32,4	10	1020	1020 x 570 x 740	124
PONANT 7-14TOF	400 3ph / 50 Hz	-	5,5	7	540	32,4	14	940	1020 x 570 x 740	124
PONANT 10-10TOF	400 3ph / 50 Hz	-	7,5	10	786,6	47,2	10	980	1020 x 570 x 740	124
PONANT 15-10-500TSOF	400 3ph / 50 Hz	500	11	15	1098	65,8	10	1030	1110 x 740 x 780	163
PONANT 15-10-500TYDOF	400 3ph / 50 Hz	500	11	15	1098	65,8	10	1030	1110 x 740 x 780	163
PONANT 15-10TYDOF	400 3ph / 50 Hz	-	11	15	1098	65,8	10	1030	1110 x 740 x 780	163
PONANT 15-15TYDOF	400 3ph / 50 Hz	-	11	15	1020	61,2	15	1030	1110 x 740 x 780	230
PONANT 20-10TYDOF	400 3ph / 50 Hz	-	15	20	1573	94,4	10	1020	-	-



LEGEND : YD = Star/Delta start / S = Dryer



AURO

Water injection screw compressors



The AURO range is a concentrate of technology and noble materials allowing to obtain the outputs and the operation of a conventional lubricated screw.

For users where the oil is a prohibited pollutant, this range allows the distribution of a class 0 compressed air as well as intensive and continuous use. This is the only range on the market giving access to this technology from 4 kW.

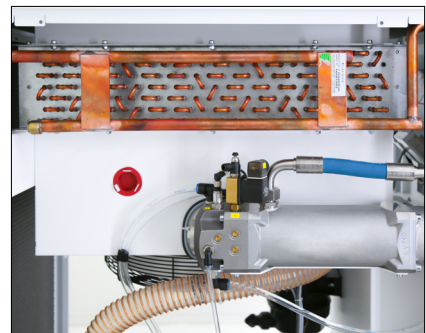
The protection of the environment and the reduction of maintenance costs are at the heart of our concerns.



Front control screen



Powerful engine



Water injection system



Advantages

Fully non-lubricated air (class 0), powerful and complete electronic management system, simple design, very low sound level, low maintenance, intensive continuous use, similar performance to a lubricated screw.



Water injection system

On the AURO range, the water filter and the injection system are one and the same block. Both elements are separated by waterproof and wear-resistant O-rings. The water filter has two separating filter elements dedicated to the water injection circuit and the pump circuit for starting the machine.

FRAME-MOUNTED - PRACTICAL AND COMPACT

MODEL	VOLTAGE	SOUND LEVEL	POWER		REAL FLOW		PRESSURE	DIMENSIONS	WEIGHT
Reference	V	dB(a)	kW	CV	NL/min	Nm³/h	BAR	mm	kg
AURO 5-8T	400 3ph / 50 Hz	65	4	5,5	550	33	8	800 x 1100 x 1471	265
AURO 5-10T	400 3ph / 50 Hz	65	4	5,5	480	28,8	10	800 x 1100 x 1471	265
AURO 7-8T	400 3ph / 50 Hz	65	5,5	7,5	810	48,6	8	800 x 1100 x 1471	265
AURO 7-10T	400 3ph / 50 Hz	65	5,5	7,5	710	42,6	10	800 x 1100 x 1471	265
AURO 10-8T	400 3ph / 50 Hz	68	7,5	10	1120	67,2	8	800 x 1100 x 1471	290
AURO 10-10T	400 3ph / 50 Hz	68	7,5	10	1020	61,2	10	800 x 1100 x 1471	290
AURO 12-8T	400 3ph / 50 Hz	68	9	12,5	1710	102,6	8	800 x 1100 x 1471	290
AURO 12-10	400 3ph / 50 Hz	68	9	12,5	1390	83,4	10	800 x 1100 x 1471	290
AURO 15-8T	400 3ph / 50 Hz	68	11	15	1717	103	8	800 x 1100 x 1471	320
AURO 15-10T	400 3ph / 50 Hz	68	11	15	1390	83,4	10	800 x 1100 x 1471	320

TANDEM - HIGH FLOW RATE

MODEL	VOLTAGE	SOUND LEVEL	POWER		REAL FLOW		PRESSURE	DIMENSIONS	WEIGHT
Reference	V	dB(a)	kW	CV	NL/min	Nm³/h	BAR	mm	kg
AURO 20-8T	400 3ph / 50 Hz	68	15	20	2220	133,2	8	1600 x 1100 x 1471	580
AURO 20-10T	400 3ph / 50 Hz	68	15	20	2040	122,4	10	1600 x 1100 x 1471	580
AURO 25-8T	400 3ph / 50 Hz	68	18	25	2780	166,8	8	1600 x 1100 x 1471	616
AURO 25-10T	400 3ph / 50 Hz	68	18	25	2390	143,4	10	1600 x 1100 x 1471	616
AURO 30-8T	400 3ph / 50 Hz	68	22	30	3420	205,2	8	1600 x 1100 x 1471	640
AURO 30-10T	400 3ph / 50 Hz	68	22	30	2780	166,8	10	1600 x 1100 x 1471	640

FRAME-MOUNTED - HIGH RETURNS

MODEL	VOLTAGE	SOUND LEVEL	POWER		REAL FLOW		PRESSURE	DIMENSIONS	WEIGHT
Reference	V	dB(a)	kW	CV	NL/min	Nm³/h	BAR	mm	kg
AURO 30-8T+	400 3ph / 50 Hz	75	22	30	3740	224,4	8	1830 x 1150 x 1500	-
AURO 30-10T+	400 3ph / 50 Hz	75	22	30	3450	207	10	1830 x 1150 x 1500	-
AURO 40-8T	400 3ph / 50 Hz	75	30	40	5110	306,6	8	1830 x 1150 x 1500	-
AURO 40-10T	400 3ph / 50 Hz	75	30	40	4540	272,4	10	1830 x 1150 x 1500	-
AURO 50-8T	400 3ph / 50 Hz	75	37	50	6020	361,2	8	1830 x 1150 x 1500	-
AURO 50-10T	400 3ph / 50 Hz	75	37	50	5350	321	10	1830 x 1150 x 1500	-
AURO 60-8T	400 3ph / 50 Hz	75	45	60	7020	421,2	8	1830 x 1150 x 1500	-
AURO 60-10T	400 3ph / 50 Hz	75	45	60	6160	369,6	10	1830 x 1150 x 1500	-

FRAME-MOUNTED - HIGH RETURNS

MODEL	VOLTAGE	SOUND LEVEL	POWER		REAL FLOW		PRESSURE	DIMENSIONS	WEIGHT
Reference	V	dB(a)	kW	CV	NL/min	Nm³/h	BAR	mm	kg
AURO 75-8T	400 3ph / 50 Hz	78	55	75	8720	523,2	8	2450 x 1447 x 1698	-
AURO 75-10T	400 3ph / 50 Hz	78	55	75	7650	459	10	2450 x 1447 x 1698	-
AURO 100-8T	400 3ph / 50 Hz	78	75	100	11300	678	8	2450 x 1447 x 1698	-
AURO 100-10T	400 3ph / 50 Hz	78	75	100	10400	624	10	2450 x 1447 x 1698	-
AURO 125-8T	400 3ph / 50 Hz	78	90	125	14100	846	8	2450 x 1447 x 1698	-
AURO 125-10T	400 3ph / 50 Hz	78	90	125	12800	768	10	2450 x 1447 x 1698	-
AURO 150-8T	400 3ph / 50 Hz	78	110	150	16600	996	8	2450 x 1447 x 1698	-
AURO 150-10T	400 3ph / 50 Hz	78	110	150	15400	924	10	2450 x 1447 x 1698	-



Economic aspect

- + No toxic waste is used with water injection
- + No oil contamination of your networks
- + No use of oil filters
- + No use of separator filters
- + No oil contamination of the air intake filters
- + No contamination of oil soils



Optional



ALIZÉ

Autonomous and mobile nitrogen generators

INNOVATION

A revolutionary design and engineering project that led to the creation of a unique nitrogen production tool.

This portable or transportable nitrogen production (depending on version) can be used for bottling, inerting, filling and all applications related to the use of neutral gas such as nitrogen.

This independant device is connected to an oil less compressor and automatically generates nitrogen from the compressed air. Simple and economical, the Alizé will be for you an ally that will never leave you wherever you are.

CLASS 0
COMPRESSED AIR

UP TO 12 Ncfm AT 10 BAR (145 PSI)

N₂ NITROGEN
PURITY **99,5%**

UP TO 2.4 Ncfm AT 10 BAR (145 PSI)



ALIZÉ CLASS 0 COMPRESSOR
CARRY YOUR NITROGEN PRODUCTION
WHEREVER YOU ARE.



OPTIONAL: NITROGEN TANK EPOXY PAINT 100L
delivered with spiral hose



ALIZÉ VP
Provider version



ALIZÉ SR
Without wheels version

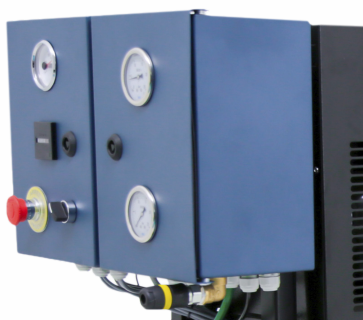


ALIZÉ WHEELBARROW
Wheelbarrow version 2x50L



ALIZÉ FRAME-MOUNTED
Without tank version

ADVANTAGES



ELECTRICAL AND PNEUMATIC CABINET
Air pressure gauge, nitrogen gauge, T° indicator, hour meter, emergency stop, start contactor



CARTER
Complete and uncluttered casing for total protection



NITROGEN MEMBRANE
The heart of the Alizé



ALIZÉ PLUS

Autonomous and mobile nitrogen generators - HP

CLASS 0
COMPRESSED AIR

UP TO 35.3 Ncfm AT 10 BAR (145 PSI)

N₂ NITROGEN
PURITY **99,5%**

UP TO 5 Ncfm AT 10 BAR (145 PSI)

CONTROL PANEL
CUSTOMIZABLE ON REQUEST

- + AIR MANOMETER
- + NITROGEN GAUGE
- + TIME COUNTER
- + EMERGENCY STOP
- + START BUTTON

COMPRESSED AIR TANK
270L

REMOVABLE SIDE PANEL
EASY MAINTENANCE

NITROGEN TANKS
3 x 17L

NITROGEN
MEMBRANES

TWO MINI VALVES 1/2"
AIR AND NITROGEN

REMOVABLE FRONT PANEL
+ ELECTRICAL CABINET
+ INTEGRATED OXYMETER

Integrated air dryer

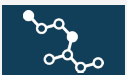
STRONG CHASSIS
DESIGNED FOR HANDLING WITH FORKLIFT OR
TRANSPALETTE

STANDARD
ISO **8573-1**

TOTALLY OIL FREE AIR
COMPRESSED AIR + NITROGEN
ALL IN ONE



OUR ALIZÉ RANGE THOUGHT AND
MANUFACTURED IN FRANCE



MODULATE YOUR AIR AND NITROGEN
PRODUCTION AS YOU WANT

POSSIBLE VERSIONS

ALIZÉ +



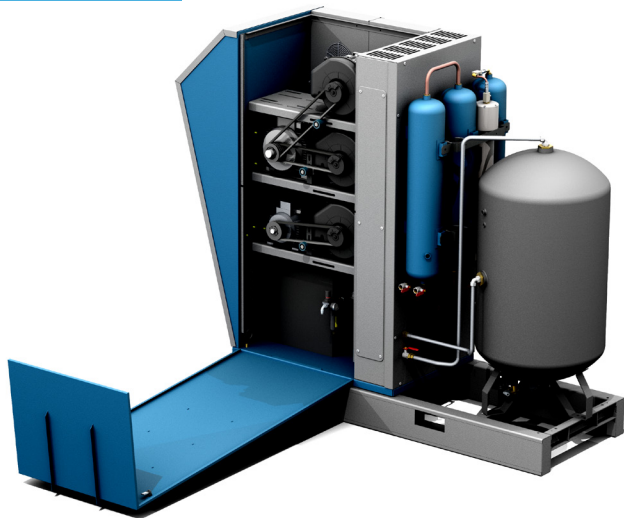
CONFIGURATION DEUX BLOCS + UNE MEMBRANE AZOTE

ALIZÉ N+



CONFIGURATION DEUX BLOCS + DEUX MEMBRANES AZOTE

ALIZÉ AIR+

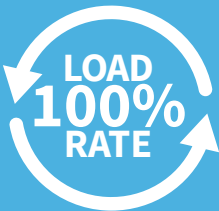


CONFIGURATION THREE BLOCKS + NITROGEN MEMBRANE

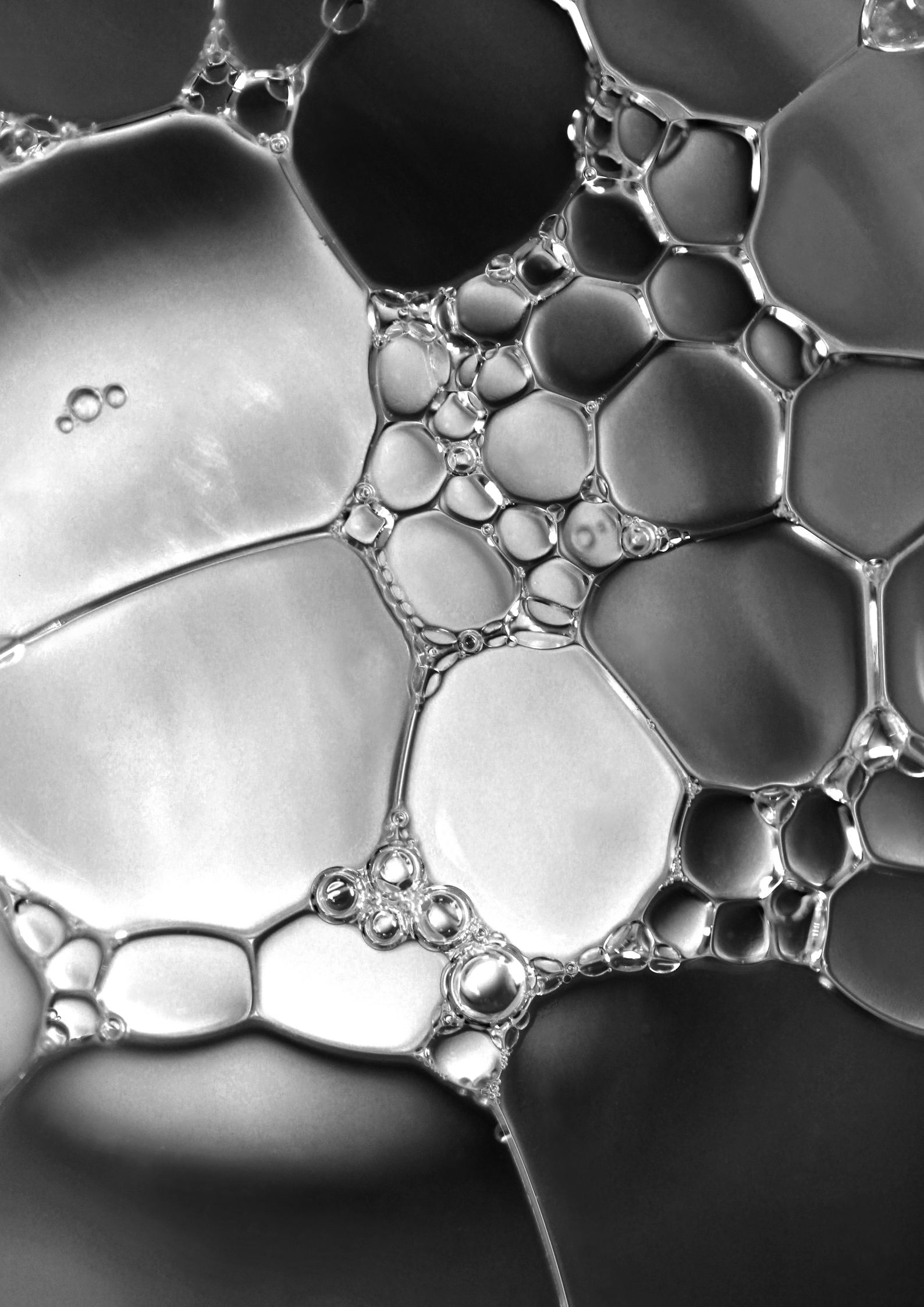
ALIZÉ PREMIUM



CONFIGURATION THREE BLOCKS + TWO NITROGEN MEMBRANES



N₂ NITROGEN
PURITY 99,5%

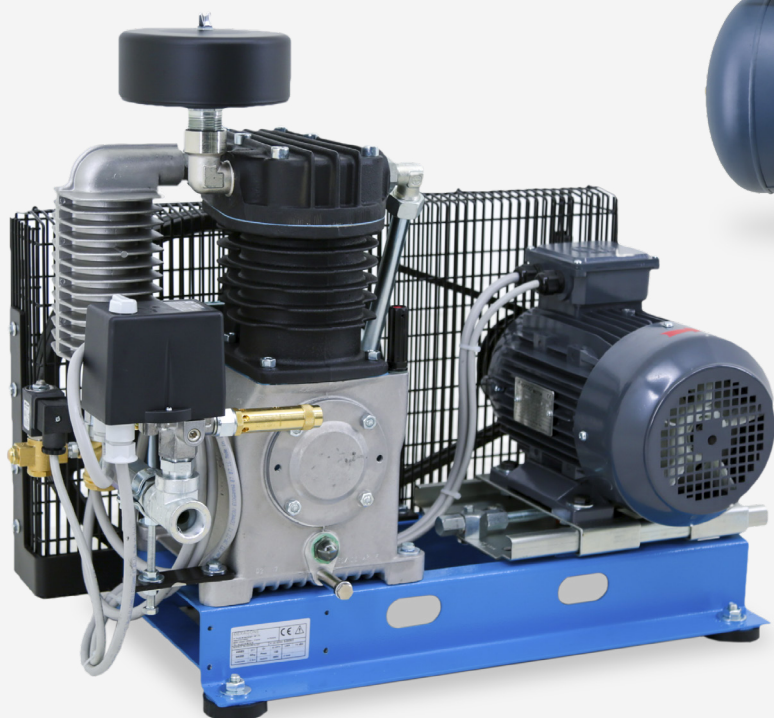


Lubricated pistons compressors

Lubricated piston compressors are the classics in the field of compressed air. They are used for their great versatility in various applications.

Able to ensure very good real flows, they are ideal for any type of industry. Wherever compressed air is needed, these compressors will play their role in your manufacturing process. It is well known that lubricated piston compressors are excellent products because of their efficiency, versatility and particularly competitive price.

Hexagone Air Concept offers you a wide range of lubricated piston compressors as well as all the essential accessories for your working comfort.



**Discover our lubricated pistons
compressors >**



JORAN

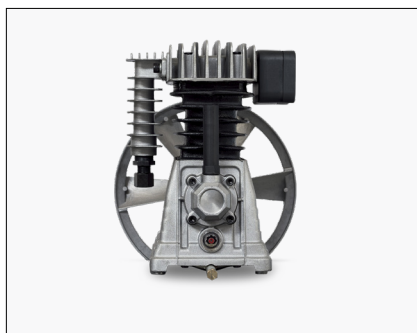
Lubricated pistons compressors



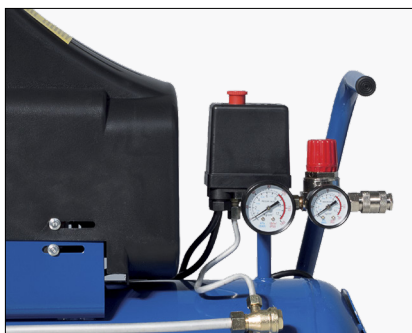
This range of air compressors covers both hobby and semi-professional needs.

They are designed and developed to achieve the best quality-price ratio on the market. These are simple to use, with a low noise level and a great production of air, while operating at very low rpms that prolong the life of each machine.

From 4 HP, the device is equipped with an outlet cooler and an intercooler providing better quality and very good cooling.



Cast iron two-cylinder block



Manometer + pressure regulator + air output



Wheels: for easy movement up to 100L



Advantages

Flat-twin air pump in cast iron, low rpms, meticulous finish. On 100 liters model: 5 meters hose, tank-mounted reel, handle, two casters, two air outlets (dry and regulated)



Options

- + 220V three-phase voltage (from 7.5 HP models)
- + star/delta starter (for 7.5 HP models).



OIL FREE SINGLE PHASE ON-TANK - DIRECT DRIVE

MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	Ø OUTPUT	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm		mm	kg
JORAN EVO 1,5-8DM	230 1ph / 50 Hz	6	1,1	1,5	160	9,6	8	2450	1x rapide	360 x 300 x 480	11
JORAN 1,5-8DM diable	230 1ph / 50 Hz	6	1,1	1,5	160	9,6	8	2300	1x rapide	330 x 300 x 25	10

SINGLE PHASE HORIZONTAL TANK - DIRECT DRIVE

MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	Ø OUTPUT	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm		mm	kg
JORAN 2-8-25DM	230 1ph / 50 Hz	25	1,5	2	202	12,1	8	2800	1x rapide	610 x 280 x 560	26
JORAN 2-8-50DM	230 1ph / 50 Hz	50	1,5	2	202	12,1	8	2800	1x rapide	720 x 340 x 740	36
JORAN 3-8-30DM	230 1ph / 50 Hz	30	2,2	3	357	21,4	8	2800	1x rapide	630 x 430 x 560	35
JORAN 3-8-50DM	230 1ph / 50 Hz	50	2,2	3	357	21,4	8	2800	2x rapide	820 x 360 x 650	44

SINGLE PHASE HORIZONTAL TANK - PULLEY BELT DRIVE

MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	Ø OUTPUT	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm		mm	kg
JORAN 2-10-50PCM	230 1ph / 50 Hz	50	1,5	2	280	16,8	10	1020	2x rapide	810 x 380 x 800	58
JORAN 2-10-100PCM	230 1ph / 50 Hz	100	1,5	2	280	16,8	10	1020	3x rapide	1100 x 390 x 870	73
JORAN 3-10-100PCM	230 1ph / 50 Hz	100	2,2	3	330	19,8	10	1020	3x rapide	1100 x 390 x 870	75
JORAN 3-10-200PCM	230 1ph / 50 Hz	200	2,2	3	330	19,8	10	1020	3x rapide	1420 x 470 x 1040	92

THREE-PHASE HORIZONTAL TANK - PULLEY-BELT DRIVE

MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	Ø OUTPUT	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm		mm	kg
JORAN 2-10-100PCT	400 3ph / 50 Hz	100	1,5	2	280	16,8	10	1020	1/2"	1100 x 390 x 870	73
JORAN 3-10-200PCT	400 3ph / 50 Hz	200	2,2	3	330	19,8	10	1020	1/2"	1420 x 470 x 1040	92
JORAN 5-10-270PCT	400 3ph / 50 Hz	270	4	5,5	600	36,0	10	900	1/2"	1490 x 520 x 1100	131
JORAN 7-10-500PCT	400 3ph / 50 Hz	500	5,5	7,5	820	49,2	10	1200	1/2"	2000 x 650 x 1350	206
JORAN 7-10-500PCTYD	400 3ph / 50 Hz	500	5,5	7,5	820	49,2	10	1200	1/2"	2000 x 650 x 1350	214
JORAN 10-10-500PCT	400 3ph / 50 Hz	500	7,5	10	1230	73,8	10	1250	1/2"	2000 x 650 x 1350	211
JORAN 10-10-500PCTYD	400 3ph / 50 Hz	500	7,5	10	1230	73,8	10	1250	1/2"	2000 x 650 x 1350	219

LÉGENDE : YD = démarrage étoile / triangle

SINGLE OR THREE-PHASE VERTICAL TANK - PULLEY-BELT DRIVE

MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	Ø OUTPUT	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm		mm	kg
JORAN 2-10-100PCMV	230 1ph / 50 Hz	100	1,5	2	280	16,8	10	1020	1x rapide	620 x 560 x 1290	73
JORAN 3-10-100PCMV	230 1ph / 50 Hz	100	2,2	3	330	19,8	10	1020	1x rapide	620 x 560 x 1290	75
JORAN 5-10-270PCTV	400 3ph / 50 Hz	270	4	5,5	600	36,0	10	900	1/2"	820 x 600 x 1840	131



On-tank version (500L) with antivibration pads



Rolling version with handle



Transportable version



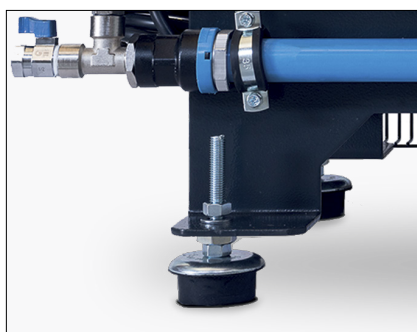
PONANT

Frame-mounted lubricated pistons compressor

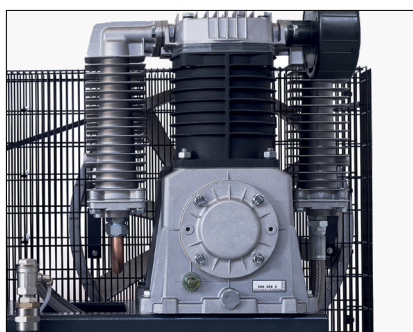


The PONANT range is ideal for intensive use and has been studied for all types of industries. These compressors are equipped with compression heads with cast iron cylinders.

With rotation speeds less than 1000 rpm and very large displacements, these compressors ensure very good free air deliveries, they allow peak load rates of more than 70% in 24/24 if necessary.



Antivibration pads



Cast iron cylinder



Powerful engine



Advantages

Cast iron cylinder and flywheel air pumps ensure a better balancing of the crankshaft, EC-approved tanks, 2 years warranty on the air pumps.



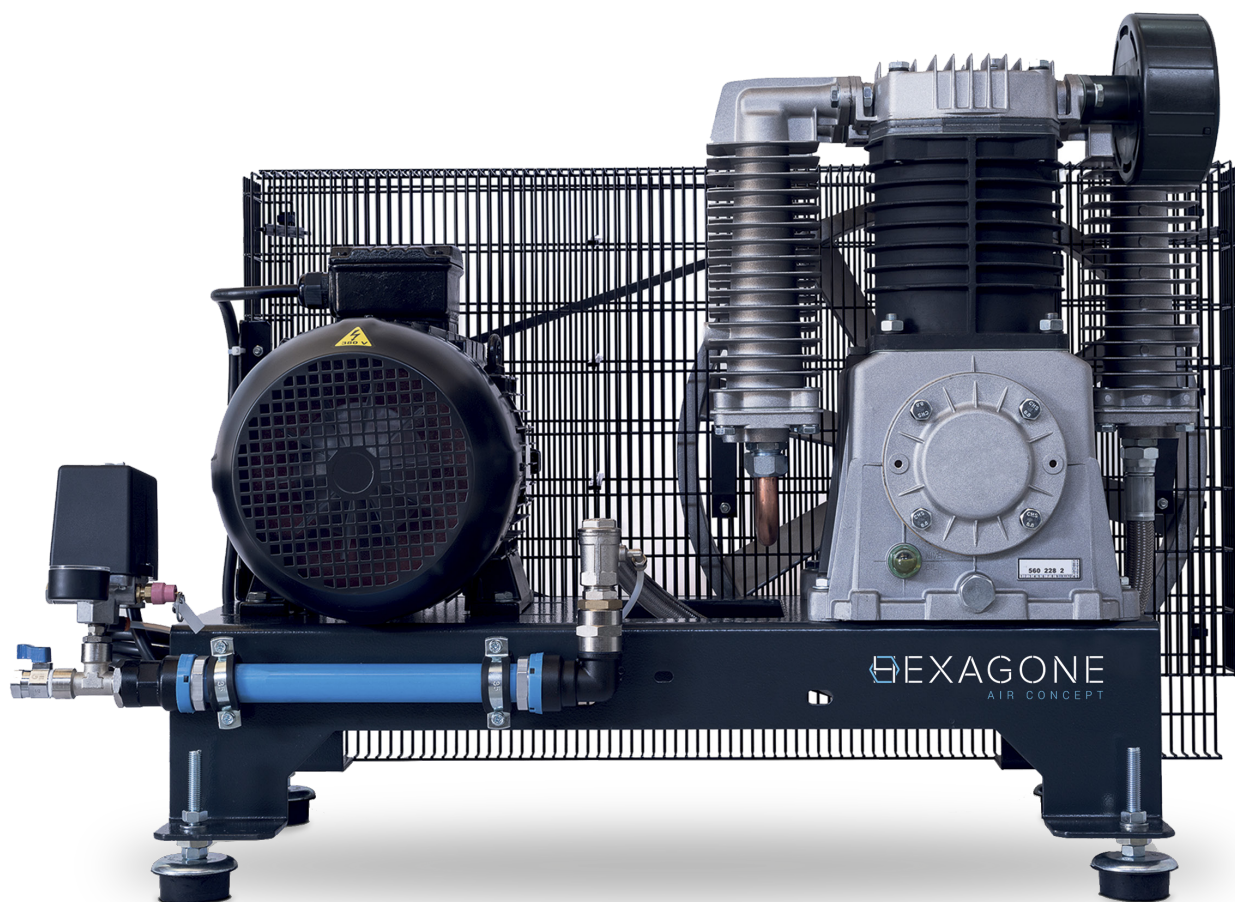
Equipments

- + Engine IE2 / S1
- + Metal Ball Valve
- + Stainless steel manometer with glycerine bath
- + Treated bolts
- + Control bottle in anodised aluminum
- + 4 antivibration pads
- + Tray screwed thick plate
- + Reinforcement slats

FRAME-MOUNTED

MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	Ø OUTPUT	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm		mm	kg
PONANT 2-10M	230 1ph / 50 Hz	-	1,5	2	310	18,6	10	920	3/4"	620 x 340 x 400	35
PONANT 2-10T	400 3ph / 50 Hz	-	1,5	2	310	18,6	10	1135	3/4"	620 x 340 x 400	35
PONANT 3-15M	230 1ph / 50 Hz	-	2,2	3	400	24	15	920	3/4"	620 x 400 x 400	45
PONANT 3-15T	400 3ph / 50 Hz	-	2,2	3	400	24	15	1135	3/4"	620 x 340 x 410	45
PONANT 4-15T	400 3ph / 50 Hz	-	3	4	590	35,4	15	910	3/4"	820 x 480 x 550	77
PONANT 5-15T	400 3ph / 50 Hz	-	4	5,5	780	46,8	15	1085	3/4"	820 x 480 x 550	80
PONANT 7-15T	400 3ph / 50 Hz	-	5,5	7,5	1010	60,6	15	795	3/4"	1020 x 570 x 740	142
PONANT 7-15TYD	400 3ph / 50 Hz	-	5,5	7,5	1010	60,6	15	795	3/4"	1020 x 640 x 740	150
PONANT 10-15T	400 3ph / 50 Hz	-	7,5	10	1400	84	15	1125	3/4"	1020 x 570 x 740	150
PONANT 10-15TYD	400 3ph / 50 Hz	-	7,5	10	1400	84	15	1125	3/4"	1020 x 640 x 740	158
PONANT 15-15TYD	400 3ph / 50 Hz	-	11	15	2020	121,2	15	840	3/4"	1110 x 740 x 780	220
PONANT 20-10TYD	400 3ph / 50 Hz	-	15	20	2770	166,2	15	1125	3/4"	1110 x 740 x 780	231

LEGEND : YD = Star/Delta Start





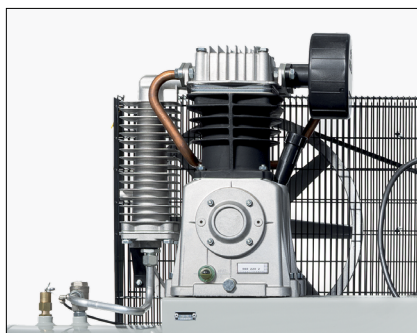
ATEN

Tank-mounted lubricated pistons compressors



The ATEN range is ideal for intensive use.

They are slow speed tank-mounted compressors that are equipped with compression heads with cast iron cylinders. With rotational speeds of less than 1000 rpm and very large displacements that ensure good free air deliveries, they allow peak load rates of more than 70% in 24/24 if necessary.



Cast iron cylinder



Powerful engine



Rolling Version



Advantages

Air pump with cast iron cylinders and flywheel ensure a better balancing of the crankshaft, EC-approved tanks, 2 years warranty on the air pumps.



Equipments

- + Engine IE2 / S1
- + Continuous use, reliable and robust production
- + Unique pneumatic regulation
- + Unsurpassed foundry quality
- + One-piece stamped rods mounted on needle bearings
- + Balancing weights on the crankshaft.

SINGLE PHASE HORIZONTAL TANK - 10 BAR

MODEL	VOLTAGE	TANK	POWER	AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	Ø OUTPUT	DIMENSIONS	WEIGHT	
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm	mm	kg	
ATEN 2-10-50M	230 1ph / 50 Hz	50	1,5	2	310	18,6	10	920	3/4"	1010 x 590 x 760	75
ATEN 2-10-100M	230 1ph / 50 Hz	100	1,5	2	310	18,6	10	920	3/4"	1040 x 440 x 840	76
ATEN 2-10-200M	230 1ph / 50 Hz	200	1,5	2	310	18,6	10	920	3/4"	1380 x 480 x 950	104
ATEN 3-10-50M	230 1ph / 50 Hz	50	2,2	3	400	24	10	920	3/4"	1010 x 590 x 790	83
ATEN 3-10-100M	230 1ph / 50 Hz	100	2,2	3	400	24	10	920	3/4"	1040 x 440 x 870	81
ATEN 3-10-200M	230 1ph / 50 Hz	200	2,2	3	400	24	10	920	3/4"	1380 x 480 x 980	111
ATEN 3-10-300M	230 1ph / 50 Hz	300	2,2	3	400	24	10	920	3/4"	1500 x 490 x 1010	124

THREE-PHASE HORIZONTAL TANK - 10 BAR

MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	Ø OUTPUT	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm		mm	kg
ATEN 2-10-50T	400 3ph / 50 Hz	50	1,5	2	310	18,6	10	1135	3/4"	1010 x 590 x 760	75
ATEN 2-10-100T	400 3ph / 50 Hz	100	1,5	2	310	18,6	10	1135	3/4"	1040 x 440 x 840	76
ATEN 2-10-200T	400 3ph / 50 Hz	200	1,5	2	310	18,6	10	1135	3/4"	1380 x 480 x 950	104
ATEN 3-10-50T	400 3ph / 50 Hz	50	2,2	3	400	24	10	1135	3/4"	1010 x 590 x 790	83
ATEN 3-10-100T	400 3ph / 50 Hz	100	2,2	3	400	24	10	1135	3/4"	1040 x 440 x 870	81
ATEN 3-10-200T	400 3ph / 50 Hz	200	2,2	3	400	24	10	1135	3/4"	1380 x 480 x 980	111
ATEN 3-10-300T	400 3ph / 50 Hz	300	2,2	3	400	24	10	1135	3/4"	1500 x 490 x 1010	124
ATEN 4-10-300T	400 3ph / 50 Hz	300	3	4	590	35,4	10	910	3/4"	1500 x 490 x 1120	155
ATEN 4-10-500T	400 3ph / 50 Hz	500	3	4	590	35,4	10	910	3/4"	1930 x 540 x 1190	215
ATEN 5-10-100T	400 3ph / 50 Hz	100	4	5,5	780	46,8	10	1085	3/4"	1040 x 440 x 980	125
ATEN 5-10-300T	400 3ph / 50 Hz	300	4	5,5	780	46,8	10	1085	3/4"	1500 x 490 x 1120	163
ATEN 5-10-500T	400 3ph / 50 Hz	500	4	5,5	780	46,8	10	1085	3/4"	1930 x 540 x 1190	223
ATEN 7-10-500T	400 3ph / 50 Hz	500	5,5	7,5	1010	60,6	10	795	3/4"	1930 x 540 x 1300	277
ATEN 7-10-500TYD	400 3ph / 50 Hz	500	5,5	7,5	1010	60,6	10	795	3/4"	1930 x 610 x 1300	285
ATEN 10-10-500	400 3ph / 50 Hz	500	7,5	10	1400	84	10	1125	3/4"	1930 x 540 x 1300	286
ATEN 10-10-500TYD	400 3ph / 50 Hz	500	7,5	10	1400	84	10	1125	3/4"	1930 x 610 x 1300	294
ATEN 5-10-500DUOT	400 3ph / 50 Hz	500	2 x 4	2 x 5,5	2 x 780	93,6	10	1085	3/4"	1930 x 540 x 1190	315
ATEN 15-10-1000TYD	400 3ph / 50 Hz	1000	11	15	2020	121,2	10	840	3/4"	2150 x 820 x 1650	427
ATEN 20-10-1000TYD	400 3ph / 50 Hz	1000	15	20	2770	166,2	10	1125	3/4"	2150 x 820 x 1650	442

THREE-PHASE HORIZONTAL TANK - 15 BAR

MODEL	VOLTAGE	TANK	POWER	AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	Ø OUTPUT	DIMENSIONS	WEIGHT	
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm	mm	kg	
ATEN 3-15-50T	400 3ph / 50 Hz	50	2,2	3	400	24	15	1135	3/4"	1010 x 590 x 790	85
ATEN 3-15-200T	400 3ph / 50 Hz	200	2,2	3	400	24	15	1135	3/4"	1380 x 480 x 980	116
ATEN 3-15-300T	400 3ph / 50 Hz	300	2,2	3	400	24	15	1135	3/4"	1600 x 490 x 1010	139
ATEN 4-15-300T	400 3ph / 50 Hz	300	3	4	590	35,4	15	910	3/4"	1600 x 490 x 1120	170
ATEN 4-15-500T	400 3ph / 50 Hz	500	3	4	590	35,4	15	910	3/4"	1930 x 540 x 1190	215
ATEN 5-15-300T	400 3ph / 50 Hz	300	4	5,5	780	46,8	15	1085	3/4"	1600 x 490 x 1120	178
ATEN 5-15-500T	400 3ph / 50 Hz	500	4	5,5	780	46,8	15	1085	3/4"	1930 x 540 x 1190	223
ATEN 7-15-500T	400 3ph / 50 Hz	500	5,5	7,5	1010	60,6	15	795	3/4"	1930 x 540 x 1300	277
ATEN 7-15-500TYD	400 3ph / 50 Hz	500	5,5	7,5	1010	60,6	15	795	3/4"	1930 x 610 x 1300	285
ATEN 10-15-500T	400 3ph / 50 Hz	500	7,5	10	1400	84	15	1125	3/4"	1930 x 540 x 1300	286
ATEN 10-15-500TYD	400 3ph / 50 Hz	500	7,5	10	1400	84	15	1125	3/4"	1930 x 610 x 1300	294
ATEN 15-15-1000TYD	400 3ph / 50 Hz	1000	11	15	2020	121,2	15	840	3/4"	2150 x 820 x 1650	527
ATEN 20-15-1000TYD	400 3ph / 50 Hz	1000	15	20	2770	166,2	15	1125	3/4"	2150 x 820 x 1650	542

THREE-PHASE VERTICAL TANK - 10 BAR

MODEL	VOLTAGE	TANK	POWER	AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	Ø OUTPUT	DIMENSIONS	WEIGHT	
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm	mm	kg	
ATEN 5-10-300TV	400 3ph / 50 Hz	300	4	5,5	780	46,8	10	1085	3/4"	820 x 600 x 1840	163

THREE-PHASE VERTICAL TANK - 15 BAR

MODEL	VOLTAGE	TANK	POWER	AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	Ø OUTPUT	DIMENSIONS	WEIGHT	
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm	mm	kg	
ATEN 5-15-300TV	400 3ph / 50 Hz	300	4	5,5	780	46,8	15	1085	3/4"	820 x 600 x 1840	178

LEGEND : YD = Star/Delta Start



ALBE

Soundproofed lubricated pistons compressors



The ALBE range are soundproofed lubricated pistons compressors.

They are an alternative between the non-soundproofed JORAN range and the highly soundproofed NORDET range. They offer the possibility of being installed on tank, thus reducing the ground occupation. They are also equipped with a forced ventilation and are very reliable. With a simplified dashboard, the ALBE compressor is an interesting alternative to the BORA range.

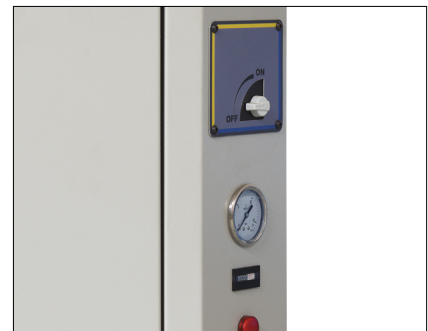
With a range from 3 to 10 HP, it becomes the most universal autonomous compressor of our catalogue.



Tank-mounted version



Antivibration pads



Control panel



Advantages

Equipped with forced ventilation, sound level measured in dB(A) at one meter distance. Taking advantage of the concept and a great experience, Hexagone Air Concept offers a creative and functional solution for cases where a very low sound level would be needed and/or we would find ourselves in a reduced space.



Optional



+ Tank-mounting with integrated dryer possible

FRAME-MOUNTED

MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	SOUND LEVEL	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm	dB(a)	mm	kg
ALBE 3-10T	400 3ph / 50 Hz	-	2,2	3	330	19,8	10	1020	63	655 x 530 x 660	75
ALBE 5-10T	400 3ph / 50 Hz	-	4	5,5	600	36,0	10	900	65	855 x 653 x 730	150
ALBE 7-10T	400 3ph / 50 Hz	-	5,5	7,5	820	49,2	10	1200	68	855 x 653 x 730	153
ALBE 10-10T	400 3ph / 50 Hz	-	7,5	10	1230	73,8	10	1250	69	885 x 700 x 900	195

ON-TANK

MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	SOUND LEVEL	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm	dB(a)	mm	kg
ALBE 3-10-150T	400 3ph / 50 Hz	150	2,2	3	330	19,8	10	1020	63	950 x 530 x 1210	117
ALBE 5-10-270T	400 3ph / 50 Hz	270	4	5,5	600	36,0	10	900	65	1170 x 653 x 1370	230
ALBE 7-10-270T	400 3ph / 50 Hz	270	5,5	7,5	820	49,2	10	1200	68	1170 x 653 x 1370	233
ALBE 10-10-500T	400 3ph / 50 Hz	500	7,5	10	1230	73,8	10	1250	69	1930 x 700 x 1480	435

ON-TANK + DRYER

MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	SOUND LEVEL	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm	dB(a)	mm	kg
ALBE 3-10-200TS	400 3ph / 50 Hz	200	2,2	3	330	19,8	10	1020	63	1380 x 530 x 1220	154
ALBE 5-10-500TS	400 3ph / 50 Hz	500	4	5,5	600	36,0	10	900	65	1930 x 653 x 1370	297
ALBE 7-10-500TS	400 3ph / 50 Hz	500	5,5	7,5	820	49,2	10	1200	68	1930 x 700 x 1480	300
ALBE 10-10-500TS	400 3ph / 50 Hz	500	7,5	10	1230	73,8	10	1250	69	1930 x 700 x 1480	461





BREVA

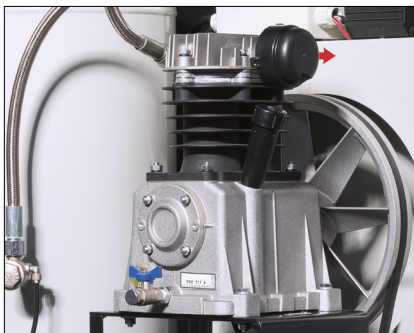
All-in-one soundproofed lubricated pistons compressors



The BREVA range is easy to assemble and install.

It requires little maintenance and is ideal for urban areas where noise may be harmful to the neighborhood or in areas where noise could become a problem.

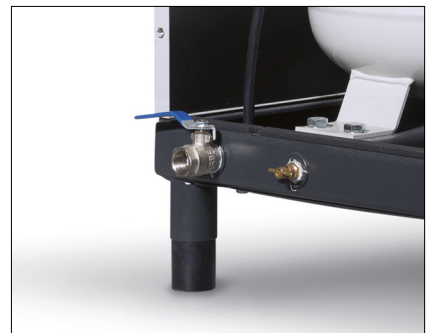
The tanks incorporated are manufactured according to European Directives 2009/105/EC and 97/23/EC.



Cast iron cylinder



Powerful engine



Outlet and purge valves



Advantages

Equipped with a forced ventilation, sound level measured in accordance with the CAGI-PNEUROP standard in dB(A) at one meter distance. Taking advantage of the concept and experience of a lifetime, Hexagone Air Concept offers a creative and functional solution for cases where a very low noise level would be needed and / or we would find ourselves in a reduced space.



PLUS version

- + Electro-thermal exhaust fan
- + Analogue hour counter
- + Phase control relays (4 HP and 5.5 HP models)
- + Condensate drain
- + Radiator
- + Maintenance LEDs (4 HP and 5.5 HP models)
- + Indicator of lack of oil (models of 4 CV and 5.5 CV)

ALL-IN-ONE											
MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	SOUND LEVEL	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm	dB(a)	mm	kg
BREVA 2-10-50M	230 1ph / 50 Hz	50	1,5	2	310	18,6	10	920	61	740 x 465 x 970	112
BREVA 2-10-50T	400 3ph / 50 Hz	50	1,5	2	310	18,6	10	920	61	740 x 465 x 970	112
BREVA 3-10-50M	230 1ph / 50 Hz	50	2,2	3	400	24	10	1135	65	740 x 465 x 970	127
BREVA 3-10-50T	400 3ph / 50 Hz	50	2,2	3	400	24	10	1135	65	740 x 465 x 970	116

ALL-IN-ONE PLUS											
MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	SOUND LEVEL	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm	dB(a)	mm	kg
BREVA 2-10-50MPLUS	230 1ph / 50 Hz	50	1,5	2	310	18,6	10	920	61	740 x 465 x 970	112
BREVA 2-10-50TPLUS	400 3ph / 50 Hz	50	1,5	2	310	18,6	10	1135	61	740 x 465 x 970	112
BREVA 3-10-50TPLUS	400 3ph / 50 Hz	50	2,2	3	400	24	10	1135	65	740 x 465 x 970	127

ALL-IN-ONE PLUS - 15 BAR											
MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	SOUND LEVEL	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm	dB(a)	mm	kg
BREVA 4-15-100TPLUS	400 3ph / 50 Hz	90	3	4	590	35,4	15	920	64	1020 x 705 x 1185	174
BREVA 5-15-100TPLUS	400 3ph / 50 Hz	90	4	5,5	780	46,8	15	1135	64	1020 x 705 x 1185	180





BORA

Compact soundproofed lubricated pistons compressors



The BORA low-speed lubricated pistons range offer an alternative to users who pay close attention to sound levels.

Equipped with cast iron cylinder air pumps, doubly suspended on antivibration pads, they can be used for sustained industrial applications. Hexagon Air Concept offers with the BORA range an efficient and functional solution for a low sound level and a considerable space saving in the smallest spaces.

With a range from 3 to 10 HP, the BORA compressor is the most universal autonomous station of our catalogue.



Cast iron cylinder



Antivibration pads



Control panel



Advantages

- + Easy access and economic maintenance
- + Low consumption
- + Double exhaust fan
- + Thermostatic probe for fan control
- + Analog working time meter
- + Pressure control tube (models without tank)



Optional



FRAME-MOUNTED - 10 BAR											
MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	SOUND LEVEL	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm	dB(a)	mm	kg
BORA 3-10T	400 3ph / 50 Hz	-	2,2	3	400	24,0	10	1135	65	655 x 530 x 660	83
BORA 5-10T	400 3ph / 50 Hz	-	4	5,5	780	46,8	10	1085	67	855 x 653 x 730	160
BORA 7-10TYD	400 3ph / 50 Hz	-	5,5	7,5	1010	60,6	10	795	69	885 x 700 x 900	191
BORA 10-10TYD	400 3ph / 50 Hz	-	7,5	10	1400	84,0	10	1125	70	885 x 700 x 900	200

ON-TANK - 10 BAR											
MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	SOUND LEVEL	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm	dB(a)	mm	kg
BORA 3-10-150T	400 3ph / 50 Hz	150	2,2	3	400	24,0	10	1135	65	950 x 530 x 1210	125
BORA 5-10-270T	400 3ph / 50 Hz	270	4	5,5	780	46,8	10	1085	67	1170 x 653 x 1370	240
BORA 7-10-500TYD	400 3ph / 50 Hz	500	5,5	7,5	1010	60,6	10	795	69	1930 x 700 x 1480	431
BORA 10-10-500TYD	400 3ph / 50 Hz	500	7,5	10	1400	84,0	10	1125	70	1930 x 700 x 1480	440

ON-TANK WITH DRYER - 10 BAR											
MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	SOUND LEVEL	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm	dB(a)	mm	kg
BORA 3-10-200TS	400 3ph / 50 Hz	200	3	2,2	400	24,0	10	1135	65	1380 x 530 x 1220	162
BORA 5-10-500TS	400 3ph / 50 Hz	500	4	5,5	780	46,8	10	1085	67	1930 x 653 x 1370	307
BORA 7-10-500TYDS	400 3ph / 50 Hz	500	5,5	7,5	1010	60,6	10	865	69	1930 x 700 x 1480	457
BORA 10-10-500TYDS	400 3ph / 50 Hz	500	7,5	10	1400	84,0	10	1125	70	1930 x 700 x 1480	466

FRAME-MOUNTED - 15 BAR											
MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	SOUND LEVEL	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm	dB(a)	mm	kg
BORA 5-15T	400 3ph / 50 Hz	-	4	5,5	620	37,2	15	950	66	855 x 653 x 730	160
BORA 7-15TYD	400 3ph / 50 Hz	-	5,5	7,5	850	51,0	15	735	68	885 x 700 x 900	191
BORA 10-15TYD	400 3ph / 50 Hz	-	7,5	10	1150	69,0	15	990	69	885 x 700 x 900	200

ON-TANK - 15 BAR											
MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	SOUND LEVEL	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm	dB(a)	mm	kg
BORA 5-15-270T	400 3ph / 50 Hz	270	4	5,5	620	37,2	15	950	66	1170 x 653 x 1370	255
BORA 7-15-500TYD	400 3ph / 50 Hz	500	5,5	7,5	850	51,0	15	735	68	1930 x 700 x 1480	481
BORA 10-15-500TYD	400 3ph / 50 Hz	500	7,5	10	1150	69,0	15	990	69	1930 x 700 x 1480	490

ON-TANK WITH DRYER - 15 BAR											
MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	SOUND LEVEL	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm	dB(a)	mm	kg
BORA 5-15-500TS	400 3ph / 50 Hz	500	4	5,5	620	37,2	15	950	66	1930 x 653 x 1370	357
BORA 7-15-500TYDS	400 3ph / 50 Hz	500	5,5	7,5	850	51,0	15	735	68	1930 x 700 x 1480	507
BORA 10-15-500TYDS	400 3ph / 50 Hz	500	7,5	10	1150	69,0	15	990	69	1930 x 700 x 1480	516

LEGEND : YD = Star/Delta Start



NORDET

High Performance Soundproofed lubricated pistons compressors



The NORDET range is designed to obtain the maximum benefits and bet on the highest technology of soundproofed piston compressors.

Equipped with the best compression heads on the market, a complete control panel, a final radiator, a phase control relay, the NORDET range is one of the most innovative in its category. The very strong soundproofing makes NORDET one of the sound level champions in its class, often doing better than a lubricated screw compressor. Its additional fan allows a perfect calorie evacuation whatever the climatic conditions.

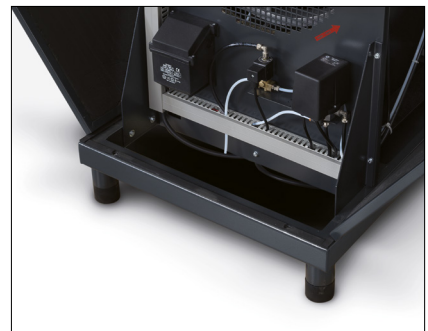
The stop of the machine can be done by means of an emergency stop button in front making sure the use of the NORDET (from 7.5 HP).



Pack configuration: compressor + tank + dryer



One of the most complete compressor



Antivibration pads



Advantages

+ With an outstanding design and equipped with the most complete dashboard, this range is a benchmark on the market. The electronic board controls the following parameters: time meter, operating indicator light, maintenance interval indicator light, electric overload indicator light, oil lack indicator light (from 7.5 HP).

In the event of a complete compressor installation with air treatment, the equipment consists of a NORDET compressor, air tank, SEC range refrigeration dryer with bypass and OM range filter. Easy access door panels system.



Pack configuration: accesories included



FRAME-MOUNTED - 11 BAR

MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	SOUND LEVEL	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm	dB(a)	mm	kg
NORDET 4-15T	400 3ph / 50 Hz	-	3	4	590	35,4	11	910	63	770 x 565 x 1010	185
NORDET 5-15T	400 3ph / 50 Hz	-	4	5,5	780	46,8	11	1085	63	770 x 565 x 1010	195
NORDET 5-15TYD	400 3ph / 50 Hz	-	4	5,5	780	46,8	11	1085	63	771 x 565 x 1010	195
NORDET 7-15TYD	400 3ph / 50 Hz	-	5,5	7,5	1010	60,6	11	795	64	830 x 690 x 1150	235
NORDET 10-15TYD	400 3ph / 50 Hz	-	7,5	10	1400	84,0	11	1125	64	830 x 690 x 1150	245
NORDET 15-15TYD	400 3ph / 50 Hz	-	11	15	2020	121,2	11	840	65	1160 x 815 x 1190	450
NORDET 20-15TYD	400 3ph / 50 Hz	-	15	20	2770	166,2	11	1125	65	1160 x 815 x 1190	460

PACK CONFIGURATION: COMPRESSOR + TANK + DRYER + FILTERS + HOSES - 11 BAR

MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	SOUND LEVEL	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm	dB(a)	mm	kg
NORDET PACK 5-15T	400 3ph / 50 Hz	270	4	5,5	780	46,8	11	1085	63	NC	NC
NORDET PACK10-15TYD	400 3ph / 50 Hz	500	7,5	10	1400	84,0	11	1125	64	NC	NC
NORDET PACK 15-15TYD	400 3ph / 50 Hz	1000	11	15	2020	121,2	11	840	65	NC	NC
NORDET PACK 20-15TYD	400 3ph / 50 Hz	1000	15	20	2770	166,2	11	1125	65	NC	NC

LEGEND : YD = Star/Delta Start





BLIZZARD

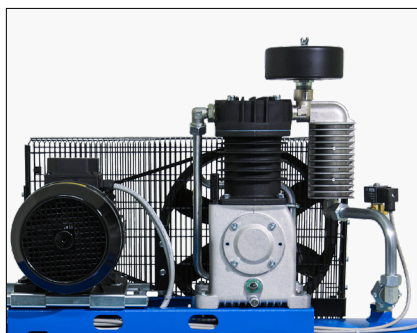
Medium pressure lubricated pistons compressors



Medium pressure frame-mounted compressors are delivered ready-to-use.

All models since 7.5 HP are supplied with a star-delta starter, while other models have a pressure switch. These compressors are machines designed for high performance. Models since 30 BAR (435 PSI) are supplied with a final radiator, a fan between the 1st and 2nd stage of compression, an automatic condensate separator, a Hoerbiger-type non-return valve and a suction and exhaust gauge. From 7.5 to 12.5 HP, compressors are equipped with a star-delta starter in a offset control cabinet.

Compressors are connected to a tank of adequate capacity and pressure.



Cast iron cylinder



Frame-mounted version



On-tank version



Optional

+ Tandem mounting and monitoring by an automaton.



Star/delta box



FRAME-MOUNTED DIRECT START

MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	SOUND LEVEL	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm	dB(a)	mm	kg
BLIZZARD 4-15T	400 3ph / 50 Hz	–	3	4	323	19,38	15	950	70	730 x 360 x 400	63
BLIZZARD 3-15M	230 1ph / 50 Hz	–	2,2	3	290	17,4	15	880	70	730 x 360 x 400	63
BLIZZARD 4-20T	400 3ph / 50 Hz	–	3	4	290	17,4	20	850	70	740 x 600 x 900	63
BLIZZARD 3-20M	230 1ph / 50 Hz	–	2,2	3	260	15,6	20	780	70	730 x 360 x 400	63
BLIZZARD 4-30T	400 3ph / 50 Hz	–	3	4	357	21,42	30	1050	70	740 x 600 x 900	63
BLIZZARD 5-15T	400 3ph / 50 Hz	–	4	5,5	540	32,4	15	830	74	740 x 600 x 900	80

FRAME-MOUNTED STAR/DELTA START

MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	SOUND LEVEL	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm	dB(a)	mm	kg
BLIZZARD 7-20TYD	400 3ph / 50 Hz	–	5,5	7,5	630	37,8	20	970	74	750 x 400 x 600	82
BLIZZARD 7-30TYD	400 3ph / 50 Hz	–	5,5	7,5	470	28,2	30	720	74	1050 x 520 x 760	82
BLIZZARD 7-15TYD	400 3ph / 50 Hz	–	5,5	7,5	660	39,6	15	820	80	960 x 590 x 600	210
BLIZZARD 10-20TYD	400 3ph / 50 Hz	–	7,5	10	800	48	20	990	80	960 x 590 x 600	212
BLIZZARD 10-30TYD	400 3ph / 50 Hz	–	7,5	10	650	39	30	800	80	1300 x 580 x 850	218
BLIZZARD 10-15TYD	400 3ph / 50 Hz	–	7,5	10	938	56,28	15	920	87	1000 x 600 x 670	245
BLIZZARD 12-20TYD	400 3ph / 50 Hz	–	9	12,5	938	56,28	20	920	87	1000 x 600 x 670	245
BLIZZARD 12-30TYD	400 3ph / 50 Hz	–	9	12,5	775	46,5	30	760	87	1300 x 580 x 850	245
BLIZZARD 12-35TYD	400 3ph / 50 Hz	–	9	12,5	750	45	35	850	82	1300 x 580 x 850	220
BLIZZARD 12-40TYD	400 3ph / 50 Hz	–	9	12,5	700	42	40	860	82	1300 x 580 x 850	240

ON-TANK DIRECT START

MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	SOUND LEVEL	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm	dB(a)	mm	kg
BLIZZARD 2-20-2M	230 1ph / 50 Hz	2	1,5	2	127	7,62	20	1400	68	559 x 310 x 550	33
BLIZZARD 2-20-2T	400 3ph / 50 Hz	2	1,5	2	127	7,62	20	1400	68	560 x 310 x 550	33
BLIZZARD 3-15-50T	400 3ph / 50 Hz	50	2,2	3	295	17,7	15	870	70	950 x 350 x 710	65
BLIZZARD 3-15-50M	230 1ph / 50 Hz	50	2,2	3	290	17,4	15	880	70	950 x 350 x 710	65
BLIZZARD 4-15-100T	400 3ph / 50 Hz	100	3	4	323	19,38	15	950	70	1280 x 400 x 840	85
BLIZZARD 4-15-100M	400 3ph / 50 Hz	100	3	4	290	17,4	15	880	70	1280 x 400 x 840	85
BLIZZARD 5-15-300T	400 3ph / 50 Hz	300	4	5,5	539	32,34	15	830	74	1550 x 600 x 1200	110
BLIZZARD 7-15-300T	400 3ph / 50 Hz	300	5,5	7,5	660	39,6	15	820	80	1550 x 600 x 1200	180
BLIZZARD 10-15-500T	400 3ph / 50 Hz	500	7,5	10	958	57,48	15	920	86	1970 x 600 x 1230	310
BLIZZARD 4-20-120T	400 3ph / 50 Hz	120	3	4	290	17,4	20	850	70	1280 x 400 x 840	85
BLIZZARD 4-20-120M	230 1ph / 50 Hz	120	3	4	260	15,6	20	780	70	1280 x 400 x 840	85
BLIZZARD 7-20-250T	400 3ph / 50 Hz	250	5,5	7,5	630	37,8	20	970	74	1550 x 600 x 1200	220
BLIZZARD 10-20-250T	400 3ph / 50 Hz	250	7,5	10	798	47,88	20	970	80	1550 x 600 x 1200	290

ON-TANK STAR/DELTA START

MODEL	VOLTAGE	TANK	POWER		AIR DISPLACEMENT		PRESSURE	ROTATION SPEED	SOUND LEVEL	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	rpm	dB(a)	mm	kg
BLIZZARD 5-15-300TYD	400 3ph / 50 Hz	300	4	5,5	539	32,34	15	830	74	1550 x 600 x 1200	110
BLIZZARD 7-15-300TYD	400 3ph / 50 Hz	300	5,5	7,5	660	39,6	15	820	80	1550 x 600 x 1200	180
BLIZZARD 10-15-500TYD	400 3ph / 50 Hz	500	7,5	10	938	56,28	15	920	86	1970 x 600 x 1230	310
BLIZZARD 7-20-250TYD	400 3ph / 50 Hz	250	5,5	7,5	630	37,8	20	970	74	1550 x 600 x 1200	220
BLIZZARD 10-20-250TYD	400 3ph / 50 Hz	250	7,5	10	798	47,88	20	990	80	1550 x 600 x 1200	290
BLIZZARD 12-20-475TYD	400 3ph / 50 Hz	475	9	12,5	938	56,28	20	920	86	1970 x 600 x 1230	320

LEGEND : YD = Star/Delta Start



Lubricated screw compressors

Lubricated screw compressors are the most common in industrial environments. The screw friction system allows optimal compression of the air.

Reliability, productivity and some of the lowest operating costs on the market prove the unconditional efficiency of these compressors. Their advanced design allows for a large reduction in energy costs and exceptional performance for specific needs. The range that we offer fits perfectly with our desire to offer products that are always quieter, more compact, easy to install and the best possible productivity.

Discover functional compressors, guaranteeing maximum quality for the best yields on the market.



Discover our range of lubricated screw compressors >



NOROIS

Eco lubricated screw compressors



The NOROIS range is ideal for industrial applications.

Efficiency, flow, size, management possibility, silence and practical design give to this compressor a distinctive feature where the emphasis is put above all on the performance and the efficiency before the price.



Emergency Stop and control panel



Simplified handling by its practical chassis



Pulley-belt transmission and IE3 electric motor

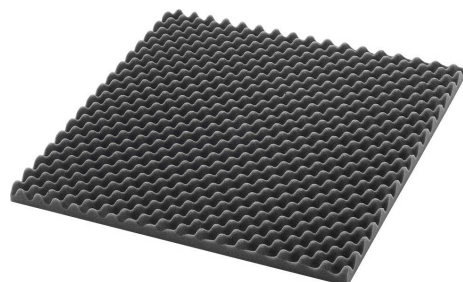


Advantages

- + Low sound level
- + Belt-drive system
- + Star-delta starter
- + Easy and smart controller
- + High performance ventilation system
- + IE3 electric motor
- + Delivered with a 3 meter power cable
- + Multi-compressors use possible



Soundproofed



SKID											
MODEL	VOLTAGE	TANK	POWER		FREE AIR DELIVERY		PRESSURE	SOUND LEVEL	Ø OUTPUT	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	dB(a)		mm	kg
NOROIS 10-10T	400 3ph+N / 50 Hz	–	7,5	10	966	58,0	10	65	3/4"	860 x 650 x 945	250
NOROIS 10-13T	400 3ph+N / 50 Hz	–	7,5	10	800	48,0	13	65	3/4"	860 x 650 x 945	250
NOROIS 15-10T	400 3ph+N / 50 Hz	–	11	15	1500	90,0	10	68	3/4"	1050 x 755 x 1010	325
NOROIS 15-13T	400 3ph+N / 50 Hz	–	11	15	1167	70,0	13	68	3/4"	1050 x 755 x 1010	325
NOROIS 20-10T	400 3ph+N / 50 Hz	–	15	20	2150	129,0	10	68	3/4"	1050 x 755 x 1010	345
NOROIS 20-13T	400 3ph+N / 50 Hz	–	15	20	1800	108,0	13	68	3/4"	1050 x 755 x 1010	345

ON-TANK											
MODEL	VOLTAGE	TANK	POWER		FREE AIR DELIVERY		PRESSURE	SOUND LEVEL	Ø OUTPUT	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	dB(a)		mm	kg
NOROIS 10-10-500T	400 3ph+N / 50 Hz	500	7,5	10	966	58,0	10	65	3/4"	1900 x 650 x 1650	430





ARIANE

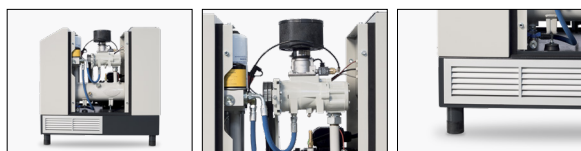
Soundproofed industrial lubricated screw compressors



With a range of powers from 7.5 up to 60 HP, the screw compressors of the ARIANE series are the smart solution to any company's need for compressed air.

Rotary compressors of the ARIANE range, incorporate an air-end of one stage with asymmetric screws mounted on bearings. Its operation is carried out by a three-phase IE3 electric asynchronous motor with an IP55/F-B protection, through V-belts. This transmission system offers high reliability and low sound level.

The control panel, monitored by the electronic board, informs you about the status of the compressor (operating temperature, hours of work, maintenance interval, real-time pressure, mode of operation, etc.) and start/stop functions.



Advantages

- + Large compressor production, reliable, compact, robust
- + IE3 electric motor : high performance and low-power
- + Monitoring by a simple control panel
- + Emergency stop button
- + Oversized final refrigerant
- + Forced ventilation
- + Very low sound level
- + Low maintenance

Variable frequency drive



PACK CONFIGURATION: COMPRESSOR + TANK + DRYER - SOFT START

MODEL	VOLTAGE	TANK	POWER		FREE AIR DELIVERY		PRESSURE	SOUND LEVEL	Ø OUTPUT	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	dB(A)		mm	kg
ARIANE PACK 7-10TDP	400 3ph / 50 Hz	270	5,5	7,5	790	47,4	10	63	1/2"	NC	NC
ARIANE PACK 10-10TDP	400 3ph / 50 Hz	270	7,5	10	1150	69	10	65	1/2"	NC	NC
ARIANE PACK 15-10TDP	400 3ph / 50 Hz	500	11	15	1560	93,6	10	68	1/2"	NC	NC
ARIANE PACK 20-10TDP	400 3ph / 50 Hz	500	15	20	2375	142,5	10	70	3/4"	NC	NC
ARIANE PACK 25-10TDP	400 3ph / 50 Hz	500	19	25	3000	180	10	72	3/4"	NC	NC
ARIANE PACK 30-10TDP	400 3ph / 50 Hz	1000	22	30	3565	213,9	10	73	3/4"	NC	NC
ARIANE PACK 40-10TDP	400 3ph / 50 Hz	1000	30	40	4385	263,1	10	74	1"	NC	NC
ARIANE PACK 50-10TDP	400 3ph / 50 Hz	1000	37	50	5610	336,6	10	75	1"	NC	NC
ARIANE PAC 60-10TDP	400 3ph / 50 Hz	2000	45	60	6805	408.3	10	77	1"1/2	NC	NC

STAR / DELTA START											
MODEL	VOLTAGE	TANK	POWER		FREE AIR DELIVERY		PRESSURE	SOUND LEVEL	Ø OUTPUT	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	dB(A)		mm	kg
ARIANE 7-8T	400 3ph / 50 Hz	–	5,5	7,5	950	57	8	63	1/2"	1060 x 690 x 1050	232
ARIANE 7-10T	400 3ph / 50 Hz	–	5,5	7,5	790	47,4	10	63	1/2"	1060 x 690 x 1050	232
ARIANE 7-13T	400 3ph / 50 Hz	–	5,5	7,5	680	40,8	13	63	1/2"	1060 x 690 x 1050	232
ARIANE 10-8T	400 3ph / 50 Hz	–	7,5	10	1340	80,4	8	65	1/2"	1060 x 690 x 1050	238
ARIANE 10-10T	400 3ph / 50 Hz	–	7,5	10	1150	69	10	65	1/2"	1060 x 690 x 1050	238
ARIANE 10-13T	400 3ph / 50 Hz	–	7,5	10	940	56,4	13	65	1/2"	1060 x 690 x 1050	238
ARIANE 15-8T	400 3ph / 50 Hz	–	11	15	1810	108,6	8	68	1/2"	1060 x 690 x 1050	256
ARIANE 15-10T	400 3ph / 50 Hz	–	11	15	1560	93,6	10	68	1/2"	1060 x 690 x 1050	256
ARIANE 15-13T	400 3ph / 50 Hz	–	11	15	1325	79,5	13	68	1/2"	1060 x 690 x 1050	256
ARIANE 20-8T	400 3ph / 50 Hz	–	15	20	2570	154,2	8	70	3/4"	1310 x 850 x 1235	529
ARIANE 20-10T	400 3ph / 50 Hz	–	15	20	2375	142,5	10	70	3/4"	1310 x 850 x 1235	529
ARIANE 20-13T	400 3ph / 50 Hz	–	15	20	1935	116,1	13	70	3/4"	1310 x 850 x 1235	529
ARIANE 25-8T	400 3ph / 50 Hz	–	19	25	3215	192,9	8	72	3/4"	1310 x 850 x 1235	538
ARIANE 25-10T	400 3ph / 50 Hz	–	19	25	3000	180	10	72	3/4"	1310 x 850 x 1235	538
ARIANE 25-13T	400 3ph / 50 Hz	–	19	25	2500	150	13	72	3/4"	1310 x 850 x 1235	538
ARIANE 30-8T	400 3ph / 50 Hz	–	22	30	3750	225	8	73	3/4"	1310 x 850 x 1235	567
ARIANE 30-10T	400 3ph / 50 Hz	–	22	30	3565	213,9	10	73	3/4"	1310 x 850 x 1235	567
ARIANE 30-13T	400 3ph / 50 Hz	–	22	30	2880	172,8	13	73	3/4"	1310 x 850 x 1235	567
ARIANE 40-8T	400 3ph / 50 Hz	–	30	40	5295	317,7	8	74	1"	1530 x 900 x 1305	692
ARIANE 40-10T	400 3ph / 50 Hz	–	30	40	4385	263,1	10	74	1"	1530 x 900 x 1305	692
ARIANE 40-13T	400 3ph / 50 Hz	–	30	40	3850	231	13	74	1"	1530 x 900 x 1305	692
ARIANE 50-8T	400 3ph / 50 Hz	–	37	50	6430	385,8	8	75	1"	1530 x 900 x 1305	715
ARIANE 50-10T	400 3ph / 50 Hz	–	37	50	5610	336,6	10	75	1"	1530 x 900 x 1305	715
ARIANE 50-13T	400 3ph / 50 Hz	–	37	50	4750	285	13	75	1"	1530 x 900 x 1305	715
ARIANE 60-8TDP	400 3ph / 50 Hz	–	45	60	7500	450	8	77	1"1/2	1600 x 900 x 1305	740
ARIANE 60-10TDP	400 3ph / 50 Hz	–	45	60	6805	408,3	10	77	1"1/2	1600 x 900 x 1305	740
ARIANE 60-13TDP	400 3ph / 50 Hz	–	45	60	6150	369	13	77	1"1/2	1600 x 900 x 1305	740

VARIABLE FREQUENCY DRIVE

MODEL	VOLTAGE	TANK	POWER		FREE AIR DELIVERY		PRESSURE	SOUND LEVEL	Ø OUTPUT	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	dB(A)		mm	kg
ARIANE 7-8TVV	400 3ph / 50 Hz	–	5,5	7,5	950-428	57-25,7	8	63	1/2"	1060 x 690 x 1050	232
ARIANE 7-10TVV	400 3ph / 50 Hz	–	5,5	7,5	790-356	47,4-21,4	10	63	1/2"	1060 x 690 x 1050	232
ARIANE 7-13TVV	400 3ph / 50 Hz	–	5,5	7,5	680-306	40,8-18,4	13	63	1/2"	1060 x 690 x 1050	232
ARIANE 10-8TVV	400 3ph / 50 Hz	–	7,5	10	1340-603	80,4-36,2	8	65	1/2"	1060 x 690 x 1050	238
ARIANE 10-10TVV	400 3ph / 50 Hz	–	7,5	10	1150-518	69-31,1	10	65	1/2"	1060 x 690 x 1050	238
ARIANE 10-13TVV	400 3ph / 50 Hz	–	7,5	10	940-423	56,4-25,4	13	65	1/2"	1060 x 690 x 1050	238
ARIANE 15-8TVV	400 3ph / 50 Hz	–	11	15	1810-815	108,6-48,9	8	68	1/2"	1060 x 690 x 1050	256
ARIANE 15-10TVV	400 3ph / 50 Hz	–	11	15	1560-702	93,6-42,1	10	68	1/2"	1060 x 690 x 1050	256
ARIANE 15-13TVV	400 3ph / 50 Hz	–	11	15	1325-596	79,5-35,8	13	68	1/2"	1060 x 690 x 1050	256
ARIANE 20-8TVV	400 3ph / 50 Hz	–	15	20	2570-1157	154,2-69,4	8	70	3/4"	1310 x 850 x 1235	529
ARIANE 20-10TVV	400 3ph / 50 Hz	–	15	20	2375-1069	142,5-64,1	10	70	3/4"	1310 x 850 x 1235	529
ARIANE 20-13TVV	400 3ph / 50 Hz	–	15	20	1935-871	116,1-52,3	13	70	3/4"	1310 x 850 x 1235	529
ARIANE 25-8TVV	400 3ph / 50 Hz	–	19	25	3215-1447	192,9-86,8	8	72	3/4"	1310 x 850 x 1235	538
ARIANE 25-10TVV	400 3ph / 50 Hz	–	19	25	3000-1350	180-81	10	72	3/4"	1310 x 850 x 1235	538
ARIANE 25-13TVV	400 3ph / 50 Hz	–	19	25	2500-1125	150-67,5	13	72	3/4"	1310 x 850 x 1235	538
ARIANE 30-8TVV	400 3ph / 50 Hz	–	22	30	3750-1688	225-101,3	8	73	3/4"	1310 x 850 x 1235	567
ARIANE 30-10TVV	400 3ph / 50 Hz	–	22	30	3565-1604	213,9-96,2	10	73	3/4"	1310 x 850 x 1235	567
ARIANE 30-13TVV	400 3ph / 50 Hz	–	22	30	2880-1296	172,8-77,8	13	73	3/4"	1310 x 850 x 1235	567
ARIANE 40-8TVV	400 3ph / 50 Hz	–	30	40	5295-2383	317,7-143	8	74	1"	1530 x 900 x 1305	692
ARIANE 40-10TVV	400 3ph / 50 Hz	–	30	40	4385-1973	163,1-118,4	10	74	1"	1530 x 900 x 1305	692
ARIANE 40-13TVV	400 3ph / 50 Hz	–	30	40	3850-1733	231-104	13	74	1"	1530 x 900 x 1305	692
ARIANE 50-8TVV	400 3ph / 50 Hz	–	37	50	6430-2894	385,8-173,6	8	75	1"	1530 x 900 x 1305	715
ARIANE 50-10TVV	400 3ph / 50 Hz	–	37	50	5610-2525	336,6-151,5	10	75	1"	1530 x 900 x 1305	715
ARIANE 50-13TVV	400 3ph / 50 Hz	–	37	50	4750-2138	285-128,3	13	75	1"	1530 x 900 x 1305	715
ARIANE 60-8TVV	400 3ph / 50 Hz	–	45	60	7500-3375	450-202,5	8	75	1"	1530 x 900 x 1305	715
ARIANE 60-10TVV	400 3ph / 50 Hz	–	45	60	6805-3062	408,3-183,7	10	75	1"	1530 x 900 x 1305	715
ARIANE 60-13TVV	400 3ph / 50 Hz	–	45	60	6150-2768	369-166,1	13	75	1"	1530 x 900 x 1305	715

LEGEND : DP = soft start - VV = variable frequency drive



HEGOA-S

Compact soundproofed lubricated screw compressors



Rotary screw compressors of the HEGOA-S range have been designed to meet the requirements of maximum efficiency and reliability by minimizing maintenance costs.

Compact sized, this range is aimed at small and medium enterprises where the air consumption is continuous and need a low noise level. Also, it stands out for its ease of installation and use.



Panel control



Easy to move



On-tank version

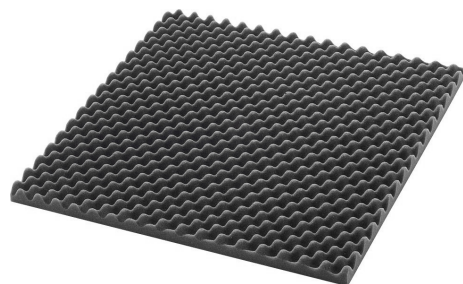


Advantages

- + Screw compressor
- + Compact and soundproofed
- + Easy access for maintenance
- + Belt-drive system
- + Electric IE3 motor (high-performance and low-power)



Soundproofed



SKID											
MODEL	VOLTAGE	TANK	POWER		FREE AIR DELIVERY		PRESSURE	SOUND LEVEL	Ø OUTPUT	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	dB(A)		mm	kg
HEGOA-S 3-10T	400 3ph / 50 Hz	–	2,2	3	290	17,4	10	58	1/2"	580 x 480 x 760	87
HEGOA-S 5-10TYD	400 3ph / 50 Hz	–	4	5,5	500	30	10	60	1/2"	580 x 480 x 800	130
HEGOA-S 7-10TYD	400 3ph / 50 Hz	–	5,5	7,5	750	45	10	63	3/4"	750 x 750 x 900	190
HEGOA-S 10-10TYD	400 3ph / 50 Hz	–	7,5	10	1020	61,2	10	65	3/4"	750 x 750 x 900	220
HEGOA-S 15-10TYD	400 3ph / 50 Hz	–	11	15	1400	84	10	68	1"	830 x 880 x 1030	260
HEGOA-S 20-10TYD	400 3ph / 50 Hz	–	15	20	1950	117	10	70	1"	830 x 880 x 1030	290
HEGOA-S 25-10TYD	400 3ph / 50 Hz	–	18,5	25	2650	159	10	70	1"	950 x 950 x 1150	350
HEGOA-S 30-10TYD	400 3ph / 50 Hz	–	22	30	3195	191,7	10	71	1"	950 x 950 x 1150	400

ON-TANK											
MODEL	VOLTAGE	TANK	POWER		FREE AIR DELIVERY		PRESSURE	SOUND LEVEL	Ø OUTPUT	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	dB(A)		mm	kg
HEGOA-S 3-10-150T	400 3ph / 50 Hz	150	2,2	3	290	17,4	10	58	1/2"	950 x 520 x 1380	129
HEGOA-S 5-10-150TYD	400 3ph / 50 Hz	150	4	5,5	500	30	10	60	1/2"	950 x 520 x 1420	172
HEGOA-S 7-10-270TYD	400 3ph / 50 Hz	270	5,5	7,5	750	45	10	63	1/2"	1200 x 750 x 1530	270
HEGOA-S 10-10-270TYD	400 3ph / 50 Hz	270	7,5	10	1020	61,2	10	65	1/2"	1200 x 750 x 1530	300
HEGOA-S 15-10-270TYD	400 3ph / 50 Hz	270	11	15	1400	84	10	68	1/2"	1200 x 880 x 1660	340
HEGOA-S 15-10-500TYD	400 3ph / 50 Hz	500	11	15	1400	84	10	68	1/2"	1930 x 880 x 1660	400
HEGOA-S 20-10-270TYD	400 3ph / 50 Hz	270	15	20	1820	109,2	10	70	1/2"	1200 x 880 x 1660	370
HEGOA-S 20-10-500TYD	400 3ph / 50 Hz	500	15	20	1820	109,2	10	70	1/2"	1930 x 880 x 1660	430

ON-TANK WITH DRYER											
MODEL	VOLTAGE	TANK	POWER		FREE AIR DELIVERY		PRESSURE	SOUND LEVEL	Ø OUTPUT	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	dB(A)		mm	kg
HEGOA-S 3-10-200TS	400 3ph / 50 Hz	200	2,2	3	290	17,4	10	58	1/2"	1380 x 500 x 1320	166
HEGOA-S 5-10-200TYDS	400 3ph / 50 Hz	200	4	5,5	500	30	10	60	1/2"	1380 x 500 x 1360	173
HEGOA-S 7-10-500TYDS	400 3ph / 50 Hz	500	5,5	7,5	750	45	10	63	1/2"	1930 x 750 x 1530	360
HEGOA-S 10-10-500TYDS	400 3ph / 50 Hz	500	7,5	10	1020	61,2	10	65	1/2"	1930 x 750 x 1530	390
HEGOA-S 15-10-500TYDS	400 3ph / 50 Hz	500	11	15	1400	84	10	68	1/2"	1930 x 880 x 1660	430
HEGOA-S 20-10-500TYDS	400 3ph / 50 Hz	500	15	20	1820	109,2	10	70	3/4"	1930 x 880 x 1660	470

LEGEND : YD = Star / Delta Start - S = Dryer



COLUMBIA B

Compact soundproofed direct-driven lubricated screw compressors



The COLUMBIA B range combine the main advantages of the COLUMBIA original range, the most efficient of the market.

This range minimize the costs giving up the acquisition of added extras which do not affect the performance of the machine while keeping the same quality. With a range that goes from 30 to 180 HP, their models are available in both 8 and 10 BAR (116 / 145 PSI).



Inside view



Overview



Screw technology: optimal efficiency



Advantages

- + Last generation screw air-end
- + Low sound level



Variable frequency drive

+ Variable speed drives are devices controlled by an electronic card that modulate the energy of the electric motor. They allow starting, easing of mechanical stresses and also reduce high inrush currents. They make it possible to better manage consumption according to the demand for air.

STAR / DELTA START

MODEL	VOLTAGE	TANK	POWER		FREE AIR DELIVERY		PRESSURE	SOUND LEVEL	Ø OUTPUT	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	dB(A)		mm	kg
COLUMBIA B 30-8T	400 3ph / 50 Hz	–	22	30	3400	204	8	70	1"	1220 x 790 x 1060	460
COLUMBIA B 30-10T	400 3ph / 50 Hz	–	22	30	3000	180	10	70	1"	1220 x 790 x 1060	460
COLUMBIA B 40-8T	400 3ph / 50 Hz	–	30	40	4600	276	8	70	1"1/4	1400 x 880 x 1170	650
COLUMBIA B 40-10T	400 3ph / 50 Hz	–	30	40	4000	240	10	70	1"1/4	1400 x 880 x 1170	650
COLUMBIA B 50-8T	400 3ph / 50 Hz	–	37	50	6400	384	8	70	1"1/4	1400 x 890 x 1150	660
COLUMBIA B 50-10T	400 3ph / 50 Hz	–	37	50	5500	330	10	70	1"1/4	1400 x 890 x 1150	660
COLUMBIA B 60-8T	400 3ph / 50 Hz	–	45	60	7200	432	8	70	1"1/4	1680 x 980 x 1330	1000
COLUMBIA B 60-10T	400 3ph / 50 Hz	–	45	60	6600	693	10	70	1"1/4	1680 x 980 x 1330	1000
COLUMBIA B 75-8T	400 3ph / 50 Hz	–	55	75	10000	600	8	70	1"1/4	1680 x 980 x 1330	1120
COLUMBIA B 75-10T	400 3ph / 50 Hz	–	55	75	8500	510	10	70	1"1/4	1680 x 980 x 1330	1120
COLUMBIA B 100-8T	400 3ph / 50 Hz	–	75	100	13200	792	8	70	2"	1860 x 1050 x 1490	1350
COLUMBIA B 100-10T	400 3ph / 50 Hz	–	75	100	10900	654	10	70	2"	1860 x 1050 x 1490	1350
COLUMBIA B 125-8T	400 3ph / 50 Hz	–	90	125	15200	912	8	72	2"1/2	2330 x 1290 x 1640	2100
COLUMBIA B 125-10T	400 3ph / 50 Hz	–	90	125	13600	816	10	72	2"1/2	2330 x 1290 x 1640	2100
COLUMBIA B 150-8T	400 3ph / 50 Hz	–	110	150	20100	1206	8	75	2"1/2	2330 x 1290 x 1640	2330
COLUMBIA B 150-10T	400 3ph / 50 Hz	–	110	150	17500	1050	10	75	2"1/2	2330 x 1290 x 1640	2330
COLUMBIA B 180-8T	400 3ph / 50 Hz	–	132	180	23300	1398	8	75	2"1/2	2450 x 1290 x 1640	2700
COLUMBIA B 180-10T	400 3ph / 50 Hz	–	132	180	19500	1170	10	75	2"1/2	2450 x 1290 x 1640	2700

VARIABLE FREQUENCY DRIVE

MODEL	VOLTAGE	TANK	POWER		FREE AIR DELIVERY		PRESSURE	SOUND LEVEL	Ø OUTPUT	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	dB(A)		mm	kg
COLUMBIA B 30-8TVV	400 3ph / 50 Hz	–	22	30	3400 - 1800	204 - 108	8	70	1"	1220 x 790 x 1060	460
COLUMBIA B 30-10TVV	400 3ph / 50 Hz	–	22	30	3000 - 1800	180 - 108	10	70	1"	1220 x 790 x 1060	460
COLUMBIA B 40-8TVV	400 3ph / 50 Hz	–	30	40	4600 - 2500	276 - 150	8	70	1"1/4	1400 x 880 x 1170	650
COLUMBIA B 40-10TVV	400 3ph / 50 Hz	–	30	40	4000 - 1980	240 - 119	10	70	1"1/4	1400 x 880 x 1170	650
COLUMBIA B 50-8TVV	400 3ph / 50 Hz	–	37	50	6400 - 2900	384 - 174	8	70	1"1/4	1400 x 890 x 1150	660
COLUMBIA B 50-10TVV	400 3ph / 50 Hz	–	37	50	5500 - 2700	330 - 162	10	70	1"1/4	1400 x 890 x 1150	660
COLUMBIA B 60-8TVV	400 3ph / 50 Hz	–	45	60	7200 - 3200	432 - 192	8	70	1"1/4	1680 x 980 x 1330	1000
COLUMBIA B 60-10TVV	400 3ph / 50 Hz	–	45	60	6600 - 3100	396 - 186	10	70	1"1/4	1680 x 980 x 1330	1000
COLUMBIA B 75-8TVV	400 3ph / 50 Hz	–	55	75	10000 - 4100	600 - 246	8	70	1"1/4	1680 x 980 x 1330	1120
COLUMBIA B 75-10TVV	400 3ph / 50 Hz	–	55	75	8500 - 4100	510 - 246	10	70	1"1/4	1680 x 980 x 1330	1120
COLUMBIA B 100-8TVV	400 3ph / 50 Hz	–	75	100	13200 - 5900	792 - 354	8	70	2"	1860 x 1050 x 1490	1350
COLUMBIA B 100-10TVV	400 3ph / 50 Hz	–	75	100	10900 - 5900	654 - 354	10	70	2"	1860 x 1050 x 1490	1350
COLUMBIA B 125-8TVV	400 3ph / 50 Hz	–	90	125	15200 - 7600	912 - 456	8	72	2"1/2	2330 x 1290 x 1640	2100
COLUMBIA B 125-10TVV	400 3ph / 50 Hz	–	90	125	13600 - 5900	816 - 354	10	72	2"1/2	2330 x 1290 x 1640	2100
COLUMBIA B 150-8TVV	400 3ph / 50 Hz	–	110	150	20100 - 9200	1206 - 552	8	75	2"1/2	2330 x 1290 x 1640	2330
COLUMBIA B 150-10TVV	400 3ph / 50 Hz	–	110	150	17500 - 9200	1050 - 552	10	75	2"1/2	2330 x 1290 x 1640	2330
COLUMBIA B 180-8TVV	400 3ph / 50 Hz	–	132	180	23300 - 10500	1398 - 630	8	75	2"1/2	2450 x 1290 x 1640	2700
COLUMBIA B 180-10TVV	400 3ph / 50 Hz	–	132	180	19500 - 8800	1170 - 528	10	75	2"1/2	2450 x 1290 x 1640	2700



COLUMBIA

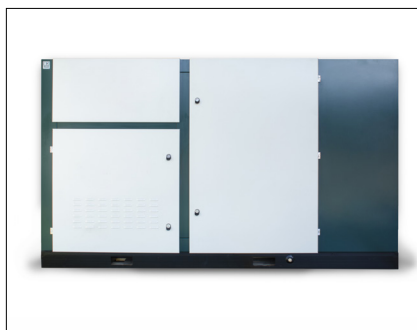
Soundproofed direct-driven lubricated screw compressors



Screw compressors designed and built to offer high flow rates, maximum efficiency, robustness and reliability.

Each compressor component of the COLUMBIA series has been specifically designed and tested to ensure maximum product air quality and to facilitate product maintenance. These compressors thus ensure very good yields with all the requirements that implies.

Thanks to its doors, the easily simplified access allows to easily and efficiently manage all the features of this state-of-the-art compressor.



Back view



Overview



Screw technology: optimal efficiency



Advantages

- + Oversized rotor of last generation with profile designed in the USA
- + Direct drive system without gears or belts
- + Electric motor low consumption
- + Soundproofing OPTIMA +
- + Continuous air separator system - electronic oil control
- + Integrated multi control function
- + Easy access and economic maintenance
- + Oversized ventilation and refrigeration box



Compressed air circuit

- + Air filter
- + Suction head
- + Asynchronous electric motor, S1
- + Complete system of separation of oil and valve of minimum pressure
- + Compressed air outlet to the final refrigerant
- + Cooling fan

STAR / DELTA START

MODEL	VOLTAGE	TANK	POWER		FREE AIR DELIVERY		PRESSURE	SOUND LEVEL	Ø OUTPUT	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	dB(A)		mm	kg
COLUMBIA 75-8T	400 3ph / 50 Hz	–	55	75	10000	600	8	70	1"1/2	2580 x 1210 x 1510	1800
COLUMBIA 75-10T	400 3ph / 50 Hz	–	55	75	8770	526,2	10	70	1"1/2	2580 x 1210 x 1510	1800
COLUMBIA 75-13T	400 3ph / 50 Hz	–	55	75	6340	380,4	13	70	1"1/2	2580 x 1210 x 1510	1800
COLUMBIA 100-8T	400 3ph / 50 Hz	–	75	100	14180	850,8	8	72	DN65	2990 x 1520 x 1850	2500
COLUMBIA 100-10T	400 3ph / 50 Hz	–	75	100	12020	721,2	10	72	DN65	2990 x 1520 x 1850	2500
COLUMBIA 100-13T	400 3ph / 50 Hz	–	75	100	9800	588	13	72	DN65	2990 x 1520 x 1850	2500
COLUMBIA 125-8T	400 3ph / 50 Hz	–	90	125	16800	1008	8	72	2"	2560 x 1520 x 1820	2600
COLUMBIA 125-10T	400 3ph / 50 Hz	–	90	125	14800	888	10	72	2"	2560 x 1520 x 1820	2600
COLUMBIA 125-13T	400 3ph / 50 Hz	–	90	125	11900	714	13	72	2"	2560 x 1520 x 1820	2600
COLUMBIA 150-8T	400 3ph / 50 Hz	–	110	150	21550	1293	8	73	DN65	3110 x 1690 x 2070	3600
COLUMBIA 150-10T	400 3ph / 50 Hz	–	110	150	18660	1119,6	10	73	DN65	3110 x 1690 x 2070	3600
COLUMBIA 150-13T	400 3ph / 50 Hz	–	110	150	16470	988,2	13	73	DN65	3110 x 1690 x 2070	3600
COLUMBIA 180-8T	400 3ph / 50 Hz	–	132	180	24630	1477,8	8	73	DN65	3110 x 1690 x 2070	3800
COLUMBIA 180-10T	400 3ph / 50 Hz	–	132	180	21350	1281	10	73	DN65	3110 x 1690 x 2070	3800
COLUMBIA 180-13T	400 3ph / 50 Hz	–	132	180	18470	1108,2	13	73	DN65	3110 x 1690 x 2070	3800
COLUMBIA 220-8T	400 3ph / 50 Hz	–	160	220	29350	1761	8	75	DN80	3410 x 1760 x 2140	4100
COLUMBIA 220-10T	400 3ph / 50 Hz	–	160	220	25250	1515	10	75	DN80	3410 x 1760 x 2140	4100
COLUMBIA 220-13T	400 3ph / 50 Hz	–	160	220	21120	1267,2	13	75	DN80	3410 x 1760 x 2140	4100

VARIABLE FREQUENCY DRIVE

MODEL	VOLTAGE	TANK	POWER		FREE AIR DELIVERY		PRESSURE	SOUND LEVEL	Ø OUTPUT	DIMENSIONS	WEIGHT
Reference	V	L	kW	CV	NL/min	Nm³/h	BAR	dB(A)		mm	kg
COLUMBIA 75-8TVV	400 3ph / 50 Hz	–	55	75	10000 - 3800	600 - 228	8	70	1"1/2	2580 x 1210 x 1510	1800
COLUMBIA 75-10TVV	400 3ph / 50 Hz	–	55	75	8770 - 3160	526,2 - 189,6	10	70	1"1/2	2580 x 1210 x 1510	1800
COLUMBIA 75-13TVV	400 3ph / 50 Hz	–	55	75	6340 - 2180	380,4 - 130,8	13	70	1"1/2	2580 x 1210 x 1510	1800
COLUMBIA 100-8TVV	400 3ph / 50 Hz	–	75	100	14180 - 5390	850,8 - 323,4	8	72	DN65	2990 x 1520 x 1850	2500
COLUMBIA 100-10TVV	400 3ph / 50 Hz	–	75	100	12020 - 4330	721,2 - 259,8	10	72	DN65	2990 x 1520 x 1850	2500
COLUMBIA 100-13TVV	400 3ph / 50 Hz	–	75	100	9800 - 3370	588 - 202,2	13	72	DN65	2990 x 1520 x 1850	2500
COLUMBIA 125-8TVV	400 3ph / 50 Hz	–	90	125	16800 - 6380	1008 - 382,8	8	72	2"	2560 x 1520 x 1820	2600
COLUMBIA 125-10TVV	400 3ph / 50 Hz	–	90	125	14800 - 5330	888 - 319,8	10	72	2"	2560 x 1520 x 1820	2600
COLUMBIA 125-13TVV	400 3ph / 50 Hz	–	90	125	11900 - 4090	714 - 245,4	13	72	2"	2560 x 1520 x 1820	2600
COLUMBIA 150-8TVV	400 3ph / 50 Hz	–	110	150	21550 - 8190	1293 - 491,4	8	73	DN65	3110 x 1690 x 2070	3600
COLUMBIA 150-10TVV	400 3ph / 50 Hz	–	110	150	18660 - 6720	1119,6 - 403,2	10	73	DN65	3110 x 1690 x 2070	3600
COLUMBIA 150-13TVV	400 3ph / 50 Hz	–	110	150	16470 - 5670	988,2 - 340,2	13	73	DN65	3110 x 1690 x 2070	3600
COLUMBIA 180-8TVV	400 3ph / 50 Hz	–	132	180	24630 - 9360	1477,8 - 561,6	8	73	DN65	3110 x 1690 x 2070	3800
COLUMBIA 180-10TVV	400 3ph / 50 Hz	–	132	180	21350 - 7690	1281 - 461,4	10	73	DN65	3110 x 1690 x 2070	3800
COLUMBIA 180-13TVV	400 3ph / 50 Hz	–	132	180	18470 - 6350	1108,2 - 381	13	73	DN65	3110 x 1690 x 2070	3800
COLUMBIA 220-8TVV	400 3ph / 50 Hz	–	160	220	29350 - 11150	1761 - 669	8	75	DN80	3410 x 1760 x 2140	4100
COLUMBIA 220-10TVV	400 3ph / 50 Hz	–	160	220	25250 - 9090	1515 - 545,4	10	75	DN80	3410 x 1760 x 2140	4100
COLUMBIA 220-13TVV	400 3ph / 50 Hz	–	160	220	21120 - 7270	1267,2 - 436,2	13	75	DN80	3410 x 1760 x 2140	4100



Accessories

Air treatment

Hexagone Air Concept offers all kind of accessories and products for the treatment of your compressed air.

Reach the best possible air quality with our ranges of accessories: tanks for storing compressed air, refrigeration or adsorption dryers, filters, nitrogen generators, filter regulator lubricators, hoses, fittings, caps, flexible hoses, and all you need for your installation.

We advise you what is best for your installation.



Discover our accessories and air treatments >

Air storage

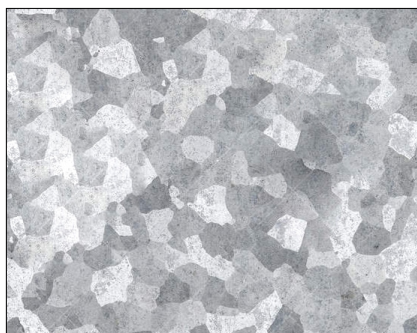
Our tanks



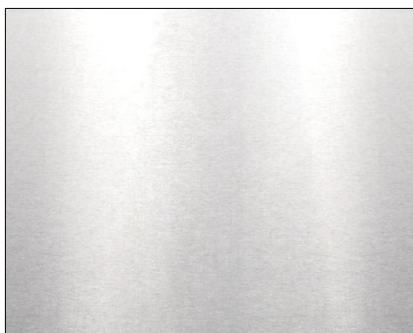
The tanks are essential elements in the storage of the air.

They make it possible to produce a buffer often necessary to overcome the consumption peaks. The tank also acts as a thermal regulator, allowing pre-condensation before final treatment by the dryer and filters.

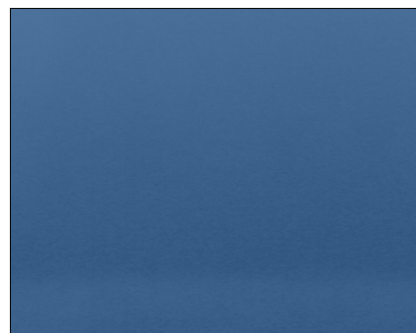
Different coatings are available to meet all applications, even the most demanding with, for example, all stainless steel tanks.



Galvanized coating



Stainless steel coating



Epoxy paint coating

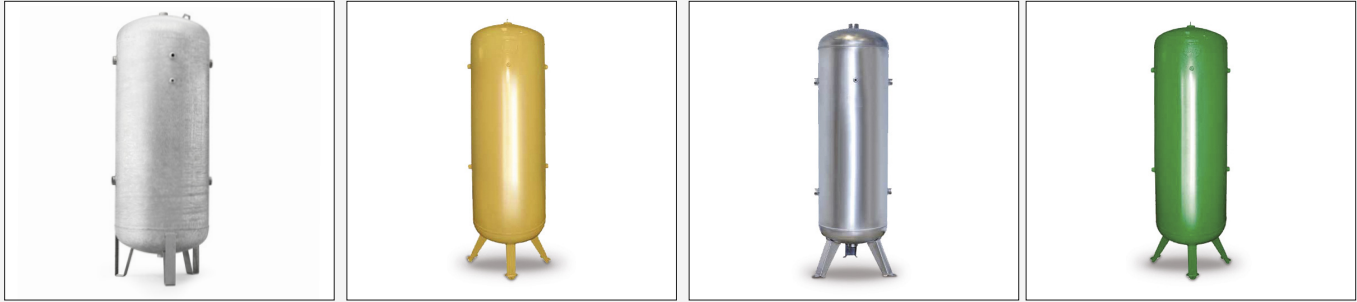


Mounting example



A full range of horizontal tanks on request





VERTICAL GALVANIZED TANKS

TANKS	PRESSURE	Ø OUTPUT	DIMENSIONS	WEIGHT
L	BAR		mm	kg
270	11	1"	500 x 500 x 1648	70
500	11	2"	600 x 600 x 1665	119
900	11	1/2"	800 x 800 x 1805	198
1000	12	2"	800 x 800 x 2350	214
1500	12	2"	1000 x 1000 x 2305	325
2000	12	2"	1100 x 1100 x 2490	394
3000	12	2"	1200 x 1200 x 2990	600
4000	12	3"	1450 x 1450 x 2790	685
5000	12	3"	1450 x 1450 x 3390	808
6000	12	3"	1450 x 1450 x 3990	930
8000	12	3"	1650 x 1650 x 4315	1470
10000	12	3"	1650 x 1650 x 5200	1730
270	16	1"	500 x 500 x 1648	104
500	16	2"	600 x 600 x 2050	149
1000	16	2"	800 x 800 x 2350	249
2000	16	2"	1100 x 1100 x 2490	455

VERTICAL HIGH PRESSURE TANKS

TANKS	PRESSURE	Ø OUTPUT	DIMENSIONS	WEIGHT
L	BAR		mm	kg
500	42	2"	600 x 600 x 2140	340
1000	42	2"	790 x 790 x 2385	605
1500	42	2"	950 x 950 x 2460	850
2000	42	2"	1000 x 1000 x 2810	1025
3000	42	2"	1200 x 1200 x 2970	1450
4000	42	2"	1430 x 1430 x 3160	2190
5000	42	2"	1430 x 1430 x 3660	2515
1000	48	2"	790 x 790 x 2400	725
2000	48	2"	1000 x 1000 x 2810	1195
3000	48	2"	1200 x 1200 x 2970	1685

STAINLESS STEEL VERTICAL TANKS

TANKS	PRESSURE	Ø OUTPUT	DIMENSIONS	WEIGHT
L	BAR		mm	kg
270	11	1"	500 x 500 x 1748	69
500	11	1"	600 x 600 x 2055	125
1000	11	2"	800 x 800 x 2353	377

VERTICAL TANKS FOR EMPTY

TANKS	PRESSURE	Ø OUTPUT	DIMENSIONS	WEIGHT
L	BAR		mm	kg
270	-1	1"	500 x 500 x 1648	101
500	-1	2"	600 x 600 x 2050	145
1000	-1	2"	800 x 800 x 2350	245
2000	-1	2"	1100 x 1100 x 2490	450
3000	-1	2"	1200 x 1200 x 2990	630

Air drying

Our refrigerated dryers



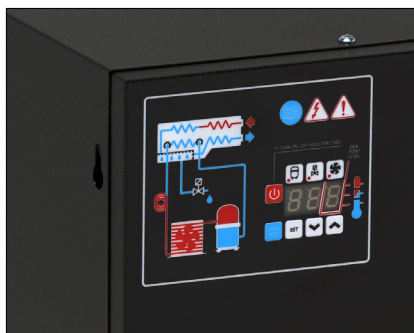
The series of refrigerated compressed air dryers provides a dew point under pressure of + 3 ° C, suitable for most industrial installations.

Equipped with a monobloc aluminum exchanger with very high efficiency, the performance of this series is characterized by low energy consumption and low pressure drop. The stability of the dew point is guaranteed by a proportional control valve providing consistency of the latter regardless of the charge rate.

The refrigerants used are ecological and compatible with environmental standards such as ISO 14000.



Maximum efficiency



Digital display



Several powers available

+ Advantages

- + Digital display
- + Independant fan
- + Easy and quick access
- + No maintenance
- + Oversized plate head exchanger
- + Adjustable automatic drain

+ By-pass



The bypass allows you to isolate your dryer and / or filters thus avoiding any production stoppage during a filter cartridge replacement or intervention on your dryer.

Dry energy for your applications.

Compressed air from the compressor contains a large amount of water in the form of steam. If this water went into the distribution system, it could cause serious damage. About 60% of this water is condensed and separated by final coolers paired with the air compressor. The remaining 40% can only be removed with a refrigerated dryer. Possibility of use in negative atmosphere (up to -15 ° C with addition of heating cords with steamers.)



REFRIGERATED DRYERS

MODER	VOLTAGE	POWER	INPUT RATE		PRESSURE	SOUND LEVEL	Ø OUTPUT	DIMENSIONS	WEIGHT
Reference	V	kW	NL/min	Nm³/h	BAR	dB(A)		mm	kg
SEC 36	230 1ph / 50 Hz	0,12	600	36,0	16	< 70	3/8"	305 x 360 x 408	18
SEC 54	230 1ph / 50 Hz	0,17	900	54,0	16	< 70	1/2"	325 x 430 x 445	24
SEC 72	230 1ph / 50 Hz	0,17	1200	72,0	16	< 70	1/2"	325 x 430 x 445	24
SEC 108	230 1ph / 50 Hz	0,29	1800	108	16	< 70	1/2"	325 x 430 x 445	24
SEC 144	230 1ph / 50 Hz	0,41	2400	144	16	< 70	3/4"	395 x 486 x 565	31
SEC 180	230 1ph / 50 Hz	0,47	3000	180	16	< 70	3/4"	395 x 486 x 565	36
SEC 216	230 1ph / 50 Hz	0,61	3600	216	16	< 70	3/4"	395 x 486 x 565	40
SEC 280	230 1ph / 50 Hz	0,60	4667	280	16	< 70	1"	485 x 595 x 602	59
SEC 340	230 1ph / 50 Hz	0,60	5667	340	16	< 70	1"	485 x 595 x 602	60
SEC 450	230 1ph / 50 Hz	1,24	8000	480	14	< 70	1"1/2	500 x 679 x 980	85
SEC 630	230 1ph / 50 Hz	1,24	11000	660	14	< 70	2"	779 x 720 x 1360	134
SEC 780	400 3ph / 50 Hz	2,14	13000	780	14	< 70	2"	779 x 720 x 1360	164

CORRECTION FACTORS

Any deviation from the nominal parameters results in the application of the following correction factors:

OPERATING PRESSURE	BAR	5	6	7	10	12	14
CORRECTION FACTORS	x	0,85	0,93	1	1,15	1,20	1,27

DEW POINT	°C	3	5	7	10
CORRECTION FACTORS	x	1	1,09	1,18	1,33

COMPRESSED AIR T°	°C	30	35	40	45	50	55
CORRECTION FACTORS	x	1,20	1,00	0,85	0,71	0,58	0,49

AMBIENT T°	°C	25	30	35	40	45
CORRECTION FACTORS	x	1	0,96	0,92	0,88	0,80

ISO 8573-1 STANDARDS

AIR QUALITY CLASS ISO 8573-1	Dust (solid particles)				WATER		OIL
	Max. of particules per m³ Ø particules (d) in microns				Dew point max. under pressure		Max.
	≤ 0,10	0,1 < d ≤ 0,5	0,5 < d ≤ 1,0	1,0 < d ≤ 5,0	°C	°F	mg/m³
0	According to the specifications of the user or supplier - More restrictive than Class 1						
1	*	100	1	0	- 70	- 94	0,01
2	*	100 000	1 000	10	- 40	- 40	0,1
3	*	*	10 000	500	- 20	- 4	1
4	*	*	*	1 000	+ 3	+ 37	5
5	*	*	*	20 000	+ 7	+ 45	> 5

* unspecified

Air drying

Our adsorption dryers



With a compact and elegant design, PRODRY adsorption dryers provide extremely low dew points to meet the toughest operating conditions.

Their modern design allows them to integrate harmoniously into any facility, even the most demanding. An innovative detail, these dryers can be installed horizontally, which allows an appreciable saving of space for certain exigües configurations. Their electronic controller includes a light visualization of the cycle, maintenance and possible defects.

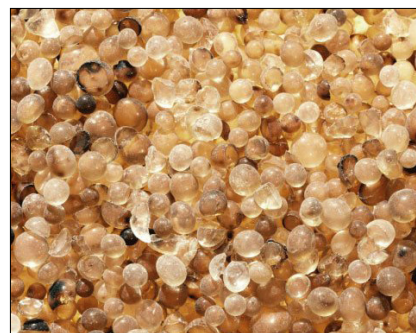
Remote contact signaling is also provided as standard.



Desiccant alumina -20 °C



Desiccant alumina -40°C



Desiccant alumina -70°C

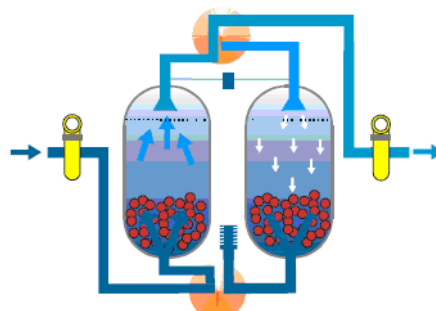


Advantages

- + Standard dew point under pressure : -40°C
- + Optional dew point under pressure : -70°C
- + Limited friction, very low dust production
- + Filtration 1 micron dustproof integrated
- + Desiccant packaged in cartridges for easier replacement



Principle of operation



ADSORPTION DRYERS WITH REGENERATION WITHOUT HEAT

MODEL	VOLTAGE	PRE-FILTER	INPUT RATE		PRESSURE	Ø OUTPUT	DIMENSIONS
Reference	V		NL/min	Nm³/h	BAR		mm
PRODRY 004	230 1ph / 50 Hz	YES	117	7	16	3/8"	490 x 351 x 92
PRODRY 006	230 1ph / 50 Hz		167	10	16	3/8"	549 x 351 x 92
PRODRY 008	230 1ph / 50 Hz		233	14	16	3/8"	609 x 351 x 92
PRODRY 010	230 1ph / 50 Hz		283	17	16	3/8"	679 x 351 x 92
PRODRY 015	230 1ph / 50 Hz		417	25	16	3/8"	859 x 351 x 92
PRODRY 025	230 1ph / 50 Hz		700	42	16	3/8"	1249 x 351 x 92
PRODRY 035	230 1ph / 50 Hz		983	59	16	3/8"	1641 x 351 x 92
PRODRY 045	230 1ph / 50 Hz		1267	76	16	3/4"	768 x 530 x 272
PRODRY 055	230 1ph / 50 Hz		1550	93	16	3/4"	868 x 530 x 272
PRODRY 065	230 1ph / 50 Hz		1833	110	16	3/4"	968 x 530 x 272
PRODRY 085	230 1ph / 50 Hz		2400	144	16	1"	1170 x 530 x 272
PRODRY 105	230 1ph / 50 Hz		2967	178	16	1"	1480 x 530 x 272
PRODRY 135	230 1ph / 50 Hz		3817	229	16	1 1/4"	1680 x 530 x 272
PRODRY 175	230 1ph / 50 Hz		4950	297	16	1 1/4"	2080 x 530 x 272

CORRECTION FACTORS

Toute déviation des paramètres nominaux entraîne l'application des facteurs de correction ci-dessous :

OPERATING PRESSURE	BAR	4	5	6	7	8	9	10	11	12	13	14	15	16
CORRECTION FACTORS	x	0,62	0,75	0,87	1	1,12	1,25	1,37	1,50	1,62	1,75	1,87	2	2,12

COMPRESSED AIR T°	°C	20	25	30	35	40	45	50	DEW POINT	°C	-20	-40	-70
CORRECTION FACTORS	x	1,07	1,06	1,04	1	0,93	0,78	0,64	CORRECTION FACTORS	x	1	1,09	1,19

ISO 8573-1 STANDARDS

AIR QUALITY CLASS ISO 8573-1	Dust (solid particles)				WATER		OIL
	Max. of particules per m³ Ø particules (d) in microns				Dew point max. under pressure		Max.
	≤ 0,10	0,1 < d ≤ 0,5	0,5 < d ≤ 1,0	1,0 < d ≤ 5,0	°C	°F	mg/m³
0	According to the specifications of the user or supplier - More restrictive than Class 1						
1	*	100	1	0	- 70	- 94	0,01
2	*	100 000	1 000	10	- 40	- 40	0,1
3	*	*	10 000	500	- 20	- 4	1
4	*	*	*	1 000	+ 3	+ 37	5
5	*	*	*	20 000	+ 7	+ 45	> 5



Filters



Filter cartridges



Filtration

A quality air



FILTER CARTRIDGES

Our range of filter cartridges allows the replacement of consumables on all existing ranges and brands.

Our range of filters allows, according to the ISO 8573-1 standard, to collect various pollutants such as dust, oil, odors and to separate the liquid.

Equipped with a float trap and a clogging indicator, our range is simple and efficient, the cartridge pressure drop does not exceed 0.09 BAR.

TYPE	OIL RETENTION	PARTICLES RETENTION	ISO 8573-1 STANDARD
Anti dust	-	1 micron	2,-,-
Prefilter	0,1 mg/m ³	1 micron	2,-,2
Submicron	0,01 mg/m ³	0,01 micron	1,-,1
Charcoal	0,003 mg/m ³	-	-,-,1

WATER SEPARATOR

MODEL	INPUT RATE		PRESSURE	Ø OUTPUT	DIMENSIONS
Reference	NL/min	Nm ³ /h	BAR		mm
FP11WS	183	11	16	1/8"	50 x 50 x 185
FP27WS	450	27	16	1/4"	50 x 50 x 185
FP45WS	750	45	16	1/4"	70 x 70 x 260
FP65WS	1083	65	16	3/8"	70 x 70 x 260
FP90WS	1500	90	16	1/2"	70 x 70 x 260
FP130WS	2167	130	16	1/2"	126 x 126 x 308
FP230WS	3833	230	16	3/4"	126 x 126 x 308
FP320WS	5333	320	16	1"	126 x 126 x 308
FP365WS	6083	365	16	1"1/4	126 x 126 x 308

PARTICLES AND PRE-FILTERS

MODEL	INPUT RATE		PRESSURE	Ø OUTPUT	DIMENSIONS	FILTERING ELEMENT	NUMBER OF ELEMENT
Reference	NL/min	Nm ³ /h	BAR		mm		
FP15 (+grade)	250	15	16	1/8"	50 x 50 x 185	E15 (+grade)	1
FP27 (+grade)	450	27	16	1/4"	50 x 50 x 185	E27 (+grade)	1
FP45 (+grade)	750	45	16	1/4"	70 x 70 x 260	E45 (+grade)	1
FP65 (+grade)	1083	65	16	3/8"	70 x 70 x 260	E65 (+grade)	1
FP90 (+grade)	1500	90	16	1/2"	70 x 70 x 260	E90 (+grade)	1
FP130 (+grade)	2167	130	16	1/2"	126 x 126 x 308	E130 (+grade)	1
FP155 (+grade)	2583	155	16	3/4"	126 x 126 x 308	E155 (+grade)	1
FP230 (+grade)	3833	230	16	3/4"	126 x 126 x 395	E230 (+grade)	1
FP260 (+grade)	4333	260	16	1"	126 x 126 x 308	E260 (+grade)	1
FP320 (+grade)	5333	320	16	1"	126 x 126 x 395	E320 (+grade)	1
FP390 (+grade)	6500	390	16	1"1/4	126 x 126 x 395	E390 (+grade)	1
FP510 (+grade)	8500	510	16	1"1/4	170 x 170 x 537	E510 (+grade)	1

TECHNICAL FEATURES	GRADE PX5	GRADE MX1
Air quality class according to ISO 8573-1	Part 3 / Oil 4	Part 2 / Oil 2
Particle filtration threshold	5 microns	1 Micron
Maximum content of residual oil at 20 ° C	5 mg/m ³	0,1 mg/m ³
Maximum operating temperature	120°C	120°C
Loss of charge clean and dry element	40 mbar	75 mbar
Loss of charge element wet band	75 mbar	150 mbar
Loss of Charge - Replacement of the Element	400 mbar	400 mbar
Maximum operating pressure	16 BAR	16 BAR

SUBMICRON

MODEL	INPUT RATE		PRESSURE	Ø OUTPUT	DIMENSIONS	FILTERING ELEMENT	NUMBER OF ELEMENT
Reference	NL/min	Nm³/h	BAR		mm		
FP15SXA	250	15	16	1/8"	50 x 50 x 185	E15SXA	1
FP27SXA	450	27	16	1/4"	50 x 50 x 185	E27SXA	1
FP45SXA	750	45	16	1/4"	70 x 70 x 260	E45SXA	1
FP65SXA	1083	65	16	3/8"	70 x 70 x 260	E65SXA	1
FP90SXA	1500	90	16	1/2"	70 x 70 x 260	E90SXA	1
FP130SXA	2167	130	16	1/2"	126 x 126 x 308	E130SXA	1
FP155SXA	2583	155	16	3/4"	126 x 126 x 308	E155SXA	1
FP230SXA	383	23	16	3/4"	126 x 126 x 395	E230SXA	1
FP260SXA	4333	260	16	1"	126 x 126 x 308	E260SXA	1
FP320SXA	5333	320	16	1"	126 x 126 x 395	E320SXA	1
FP390SXA	6500	390	16	1"1/4	126 x 126 x 395	E390SXA	1
FP510SXA	8500	510	16	1"1/4	170 x 170 x 537	E510SXA	1

CHARCOAL

MODEL	INPUT RATE		PRESSURE	Ø OUTPUT	DIMENSIONS	FILTERING ELEMENT	NUMBER OF ELEMENT
Reference	NL/min	Nm³/h	BAR		mm		
FP15CAC	250	15	16	1/8"	50 x 50 x 185	E15CAC	1
FP27CAC	450	27	16	1/4"	50 x 50 x 185	E27CAC	1
FP45CAC	750	45	16	1/4"	70 x 70 x 260	E45CAC	1
FP65CAC	1083	65	16	3/8"	70 x 70 x 260	E65CAC	1
FP90CAC	1500	90	16	1/2"	70 x 70 x 260	E90CAC	1
FP130CAC	2167	130	16	1/2"	126 x 126 x 308	E130CAC	1
FP155CAC	2583	155	16	3/4"	126 x 126 x 308	E155CAC	1
FP230CAC	383	23	16	3/4"	126 x 126 x 395	E230CAC	1
FP260CAC	4333	260	16	1"	126 x 126 x 308	E260CAC	1
FP320CAC	5333	320	16	1"	126 x 126 x 395	E320CAC	1
FP390CAC	6500	390	16	1"1/4	126 x 126 x 395	E390CAC	1
FP510CAC	8500	510	16	1"1/4	170 x 170 x 537	E510CAC	1

DUPLEX

MODEL	INPUT RATE		PRESSURE	Ø OUTPUT	DIMENSIONS	FILTERING ELEMENT	NUMBER OF ELEMENT
Reference	NL/min	Nm³/h	BAR		mm		
DP 046 XAC	767	15	16	1/8"	50 x 50 x 185	E30408XA + E30400 DAC	2
DP 065 XAC	1083	65	16	3/8"	70 x 70 x 229	E30408XA + E30400DAC	2
DP 090 XAC	1500	90	16	1/2"	70 x 70 x 270	E30412XA + E30410DAC	2
DP 130 XAC	2167	130	16	1/2"	100 x 100 x 336	E30612XA + E30610DAC	2
DP 155 XAC	2583	155	16	3/4"	100 x 100 x 336	E30612XA + E30610DAC	2
DP 220 XAC	3667	220	16	3/4"	100 x 100 x 456	E30621XA + E30620DAC	2
DP 250 XAC	4167	250	16	1"	100 x 100 x 456	E30621XA + E30620DAC	2
DP 320 XAC	5333	320	16	1"	100 x 100 x 456	E30621XA + E30620DAC	2

TECHNICAL FEATURES	GRADE SXA	GRADE CAC	GRADE XAC
Air quality class according to ISO 8573-1	Part 1 / Oil 1	Part 1 / Oil 0	Part 1 / Oil 0
Particle filtration threshold	0,01 micron	0,01 micron	0,01 micron
Maximum content of residual oil at 20 ° C	0,01 mg/m³	0,003 mg/m³	0,003 mg/m³
Maximum operating temperature	120°C	50°C	50°C
Loss of charge clean and dry element	100 mbar	75 mbar	150 mbar
Loss of charge element wet band	200 mbar	-	-
Loss of Charge - Replacement of the Element	400 mbar	-	-
Maximum operating pressure	16 BAR	16 BAR	16 BAR

Nitrogen generators

Guaranteed purity



Our nitrogen generators use carbon molecular sieve technology to separate oxygen and nitrogen molecules.

This technology allows a reliable and continuous nitrogen production, without any risk of altering the purity of the gas restored in the network. The oximeter and the pressure sensor included as standard throughout the range make it possible to secure the production of nitrogen permanently. The purity and pressure values are displayed in real time via the electronic module on the front panel.

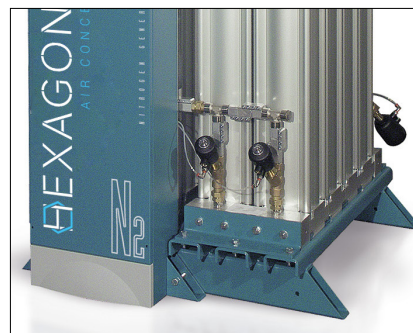
In the event that one of these two parameters drifts relative to the setpoint, the generator switches off and emits an alarm.



Nitrogen generator connected to the tank



Digital display on the front



Precise measurements



Advantages

Coupled with Oeno-scroll class 0 oil-free compressed air production, the life of the molecular sieve is almost limitless. The very low maintenance costs of this type of equipment make it an important ally in your industrial process.



Various applications



FLO GENERATORS						
MODEL	VOLTAGE	TANK	PRESSURE	Ø OUTPUT	DIMENSIONS	WEIGHT
Reference	V	L	BAR		mm	kg
N² FLO1	230 1ph / 50 Hz	120	13	1/4"	400 x 800 x 1180	92
N² FLO2	230 1ph / 50 Hz	120	13	1/4"	400 x 800 x 1180	113
N² FLO3	230 1ph / 50 Hz	250	13	1/4"	400 x 800 x 1180	134
N² FLO4	230 1ph / 50 Hz	250	13	1/4"	400 x 800 x 1180	155

PICO GENERATORS						
MODEL	VOLTAGE	TANK	PRESSURE	Ø OUTPUT	DIMENSIONS	WEIGHT
Reference	V	L	BAR		mm	kg
N² PICO3	230 1ph / 50 Hz	250	13	1/2"	400 x 1280 x 1380	218
N² PICO4	230 1ph / 50 Hz	250	13	1/2"	400 x 1280 x 1380	254
N² PICO5	230 1ph / 50 Hz	500	13	1/2"	400 x 1280 x 1380	290
N² PICO6	230 1ph / 50 Hz	500	13	1/2"	400 x 1280 x 1380	326

MAXI GENERATORS						
MODÈLE	TENSION	CUVE	PRESSION	Ø SORTIE	DIMENSIONS	POIDS
Référence	V	L	BAR		Larg x Prof x Haut (mm)	KG
MAXI 1	230 1ph / 50 Hz	900	13	1/2"	600 x 1250 x 2100	580
MAXI 2	230 1ph / 50 Hz	900	13	1/2"	1050 x 1250 x 2100	1050
MAXI 3	230 1ph / 50 Hz	1500	13	1/2"	1500 x 1250 x 2100	1510

N2 FLO, PICO AND MAXI - GENERATOR FLOW (Nm³/h) FOR AIR INTAKE PRESSURE OF 8,5 BAR							
NITROGEN FLOW AT EXIT (Nm³/h)							
MODEL	99,999% purity	99,99% purity	99,9% purity	99,5% purity	99% purity	98% purity	97% purity
N² FLO1	0,2	0,4	0,9	1,5	2	2,4	2,8
N² FLO2	0,5	0,8	1,8	2,9	3,6	4,6	5,3
N² FLO3	0,7	1,2	2,6	4,3	5,3	6,7	7,8
N² FLO4	1	1,7	3,7	5,8	7,2	9,1	10,6
N2 PICO 3	1,5	2,5	5,4	8,6	10,4	13,8	16,1
N2 PICO 4	2	3,3	6,9	11,5	15	18,4	20,7
N2 PICO 5	2,3	4,0	9,2	14,4	18,4	23	26,5
N2 PICO 6	3,5	5,0	10,4	17,3	21,9	27,6	31,1
N2 MAXI 1	6,2	9	18,7	31,1	39,1	49,7	55,9
N2 MAXI 2	12,4	18	37,4	62,1	78,7	98,9	111,3
N2 MAXI 3	18,6	27	56,1	93,2	117,9	149	166,8

N2 FLO, PICO AND MAXI - GENERATOR FLOW (Nm³/h) FOR AIR INTAKE PRESSURE OF 11,5 BAR							
DÉBIT D'AZOTE EN SORTIE (Nm³/h)							
MODEL	99,999% purity	99,99% purity	99,9% purity	99,5% purity	99% purity	98% purity	97% purity
N² FLO1	0,3	0,6	1,3	2,1	2,7	3,4	3,8
N² FLO2	0,6	1,1	2,6	4	5	6,4	7,4
N² FLO3	1	1,7	3,7	5,9	7,4	9,3	10,9
N² FLO4	1,4	2,4	5,1	8	10,1	12,6	14,7
N2 PICO 3	2,1	3,5	7,5	12	14,4	19,2	22,4
N2 PICO 4	2,7	4,6	9,6	16	20,8	25,6	28,8
N2 PICO 5	3,2	5,6	12,8	20	25,6	32	36,8
N2 PICO 6	4,8	7	14,4	24	30,4	38,4	43,2
N2 MAXI 1	8,6	12,5	26,1	43,2	54,3	69,1	77,7
N2 MAXI 2	17,3	25	52	86,3	109,3	137,5	154,7
N2 MAXI 3	25,9	37,5	78	129,5	163,8	200	200

Accessories

For optimal use



DRAINS

These solenoid valves are controlled by a timer module to adjust their operation to the volume of condensate to be eliminated. All timer modules have a manual test run as standard. The robust JC35 range is intended for the evacuation of large volumes of condensate on compressors, final refrigerants and tanks, thanks to a very large passage diameter of 10 mm. The Magy range has the advantage of being able to be installed without power supply, thus allowing a simple implementation and without risk of mains failure.

TYPE	PASSAGE (mm)	OPENING (sec)	VOLTAGE (V)	Ø OUTPUT (mm)	PRESSURE (BAR)
JC 35	10	0,5 à 10	230 V 1ph / 50 Hz	3/8"	20
COMBO 230	4	0,5 à 10	230 V 1ph / 50 Hz	1/2"	21
SGC 20	NC	Auto	-	1/2"	13
MAGY (200 l/h)	NC	Auto	-	1/2"	13

FILTERS REGULATORS LUBRICATORS



F.R.L. ALUMINUM OUTPUT		
NUMBER	MODEL	DESIGNATION
1	TRAI555610G	Filter purifier regulator lubricator 1/4"
1	TRAI554359G	Filter purifier regulator Lubricator 3/8"
1	TRAI554360G	Filter purifier regulator Lubricator 1/2"
1	TRAI554362G	Filter purifier regulator Lubricator 1"
2	TRAI555650G	Filter purifier regulator 1/4"
2	TRAI555652G	Filter purifier regulator 3/8"
2	TRAI555651G	Filter purifier regulator 1/2"
2	TRAI554391G	Filter purifier regulator 1"
3	TRAI561250G	Lubricator 1/4"
3	TRAI561352G	Lubricator 3/8"
3	TRAI561350G	Lubricator 1/2"
3	TRAI554390	Lubricator 1"
4	TRAI554450G	Filter purifier 1/4"
4	TRAI554550G	Filter purifier 3/8"
4	TRAI554650G	Filter purifier 1/2"
4	TRAI554388G	Filter purifier 1"
5	TRAI546450G	Pressure regulator 1/4"
5	TRAI546452G	Pressure regulator 3/8"
5	TRAI546460G	Pressure regulator 1/2"
5	TRAI554386G	Pressure regulator 1"

AIR AND ELECTRICAL REELS



MODEL	DESIGNATION
ACTU808000G	Closed polyurethane air hose reel Hose diameter: 8 mm Length: 16 meters VL quick-release connector supplied



MODEL	DESIGNATION
ACTU803949	Electric winder H05VV-F 3G1,52 Length: 15.5 meters (14 + 1.5) Max power: 1800W to 230V (cable unrolled)

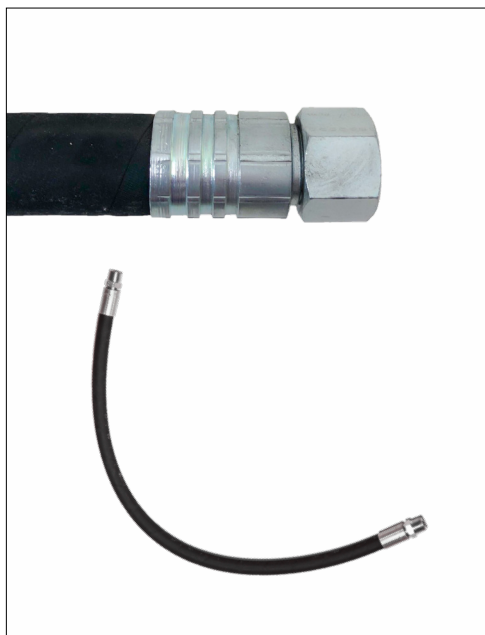
HOSES



NUMBER	MODEL	DESIGNATION
1	ACTU60042	Spiral polyurethane extension diam. 6.5 - 10 - 8 m connection 1/4M
1	ACTU60043	Spiral extension diam. 6.5 - 10 - 17 m connection 1/4M
1	ACTU625611	Spiral extension diam. 9 - 5 m blue quick coupling
1	ACTU625612	Spiral extension diam. 9 - 10 m blue quick coupling
1	ACTU625613	Spiral extension diam. 9 - 20 m blue quick coupling
2	ACTU625600	Standardized black pipe diam. 6 per meter
2	ACTU625625	Standardized black pipe diam. 6 per 25 meters
2	ACTU625610	Standardized black pipe diam. 6 per crown 2 x 50 m
2	ACTU625700	Standardized black pipe diam. 8 per meter
2	ACTU625725	Standardized black pipe diam. 8 per 25 meters
2	ACTU625710	Standardized black pipe diam. 8 per crown 2 x 50 m
2	ACTU625650	Standardized black pipe diam. 9 per meter
2	ACTU625655	Standardized black pipe diam. 9 per 25 meters
2	ACTU625660	Standardized black pipe diam. 6 per 100 meters
2	ACTU625812	Standardized black pipe diam. 12 per meter
2	ACTU625816	Standardized black pipe diam. 16 per meter
2	ACTU625819	Standardized black pipe diam. 19 per meter
2	ACTU625825	Standardized black pipe diam. 25 per meter
2	ACTU625832	Standardized black pipe diam. 32 per meter
3	ACTU625702	Braided rubber hose diam. 8 per meter
3	ACTU625832	Braided rubber hose diam. 13 per meter
3	ACTU310000	Braided rubber crown 20 m diam. 8 for reels
3	ACTU310001	Braided rubber crown 20 m diam. 13 for reels
3	ACTU625703	Braided rubber extension 20 m diam. 8 quick connector with end caps
3	ACTU625809	Braided rubber extension 20 m diam. 13 quick coupling with end caps

Accessories

For optimal use



CONNECTING HOSES WITH UNION CONNECTION

CONNECTING HOSES R1T 80 BAR - 140°C - LENGTH 1500 mm	
MODEL	DESIGNATION
ACTU558019	3/8" connection hose
ACTU559015	1/2" connection hose
ACTU559020	3/4" connection hose
ACTU559026	1" connection hose
ACTU559033	1"1/4 connection hose
ACTU559040	1"1/2 connection hose
ACTU559050	2" connection hose

CONNECTING HOSES R1T 80 BAR - 140°C - LENGTH 3000 mm	
MODEL	DESIGNATION
ACTU559017	1/2" connection hose
ACTU559023	3/4" connection hose
ACTU559028	1" connection hose
ACTU559035	1"1/4 connection hose
ACTU559043	1"1/2 connection hose
ACTU559053	2" connection hose

CONNECTIONS



QUICK CONNECTIONS		
NUMBER	MODEL	DESIGNATION
1	RACA061101G	1/4" female quick coupling - ISO 6150 B - diam. 6 mm
1	RACA061101DS	1/4" double safety female quick coupling - ISO 6150 B - diam. 6 mm
1	RACA061151G	1/4" male quick coupling - ISO 6150 B - diam. 6 mm
1	RACA061151DS	1/4" double safety male quick coupler - ISO 6150 B - diam. 6 mm
2	RACA081103G	1/2" female quick coupling - ISO 6150 B - diam. 8 mm
2	RACA081103DS	Double safety 1/2" female quick coupling - ISO 6150 B - diam. 8 mm
2	RACA081153G	1/2" male quick coupling - ISO 6150 B - diam. 8 mm
2	RACA081153DS	1/2" double safety quick coupling - ISO 6150 B - diam. 8 mm
2	RACAISG111103	1/2" female quick coupling - ISO 6150 B - diam. 11 mm
2	RACAISG111153	1/2" male quick coupling - ISO 6150 B - diam. 11 mm
3	RACA592300	1/4" universal female quick coupling
3	RACA592310	1/4" Universal male quick coupling

FITTINGS		
NUMBER	MODEL	DESIGNATION
4	RACA593200	3/8" male fittings
4	RACA593230	3/8" female fittings
5	RACA593235	Fittings for hose diam. 13 mm
5	RACA563600	Fittings seals

LES EMBOUTS



ENDS		
NUMBER	MODEL	DESIGNATION
1	RACA592900	1/4" female end for universal quick connector
1	RACA592500	1/4" male end for universal quick connector
1	RACA066101	1/4" female end - ISO 6150 B - diam. 6 mm
1	RACA066151	1/4" male end - ISO 6150 B - diam. 6 mm
1	RACA086103	1/2" female end - ISO 6150 B - diam. 8 mm
1	RACA086153	1/2" male end - ISO 6150 B - diam. 8 mm
1	RACAIRP116103	1/2" female end - ISO 6150 B - diam. 11 mm
1	RACAIRP116153	1/2" male end - ISO 6150 B - diam. 11 mm
2	RACA592107	Fluted tip diam. 7 mm male 1/4"
2	RACA592109	Fluted tip diam. 9 mm male 1/4"
2	RACA592112	Fluted tip diam. 12 mm male 3/8"
2	RACA592115	Fluted tip diam. 12 mm male 1/2"
2	RACA592116	Fluted tip diam. 16 mm male 1/2"
2	RACA592119	Fluted tip diam. 19 mm male 3/4"
2	RACA592125	Fluted tip diam. 25 mm male 1"
3	RACA066806	Fluted tip diam. 6/7 mm for quick coupling 1/4" - ISO 6150 B - diam. 6 mm
3	RACA066808	Fluted tip diam. 8/9 mm for quick coupling 1/4" - ISO 6150 B - diam. 6 mm
3	RACA086813	Fluted tip diam. 12.5 mm for 1/2" quick coupling - ISO 6150 B - diam. 8 mm
3	RACAIRP116813	Fluted tip diam. 13 mm for quick coupling 1/2" - ISO 6150 B - diam. 11 mm
3	RACA592170	Fluted tip diam. 7 mm for universal quick coupling
3	RACA592190	Fluted tip diam. 9 mm for universal quick coupling
3	RACA592192	Fluted tip diam. 11 mm for universal quick coupling

Even more accessories for your installation

We can provide many accessories to best complete your installation. Do not hesitate to contact us for advice, advice and more thanks to our dedicated service.

It is important to find the right accessories for your process, which is why we do our utmost to satisfy your demand and offer the best and the most durable elements on the market today.

> for more information

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OUR WEBSITE

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Useful information

CUSTOM MADE

In case your application is special, we design the compressors you need thanks to our specific models. Our engineers will study and design the best product, reliable and quality, which will fully meet the requirements imposed.

SERVICES

In France or abroad, a team is dedicated to your listening. Training, technical skills, troubleshooting, Hexagon Air Concept accompanies you in all your steps.

SPARE PARTS

Our team also has spare parts for your compressors. Also choose the accessories you need to ensure the serenity of your installation and produce air of the highest quality.

CATALOGS AND BROCHURES

Discover our entire offer through our specialized brochures or catalogs available on our website



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