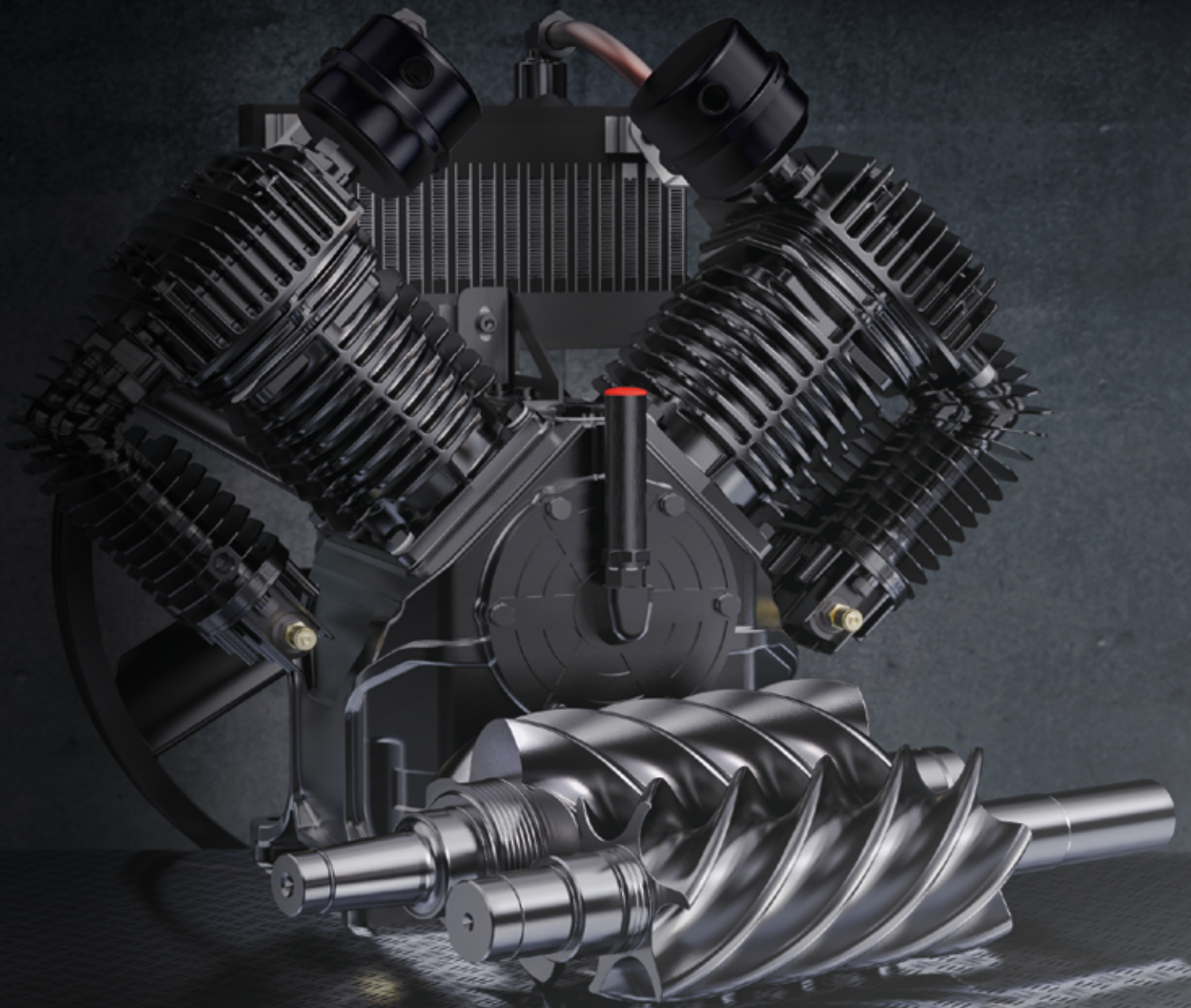




INDUSTRIAL & PROFESSIONAL COMPRESSORS

2-100 HP



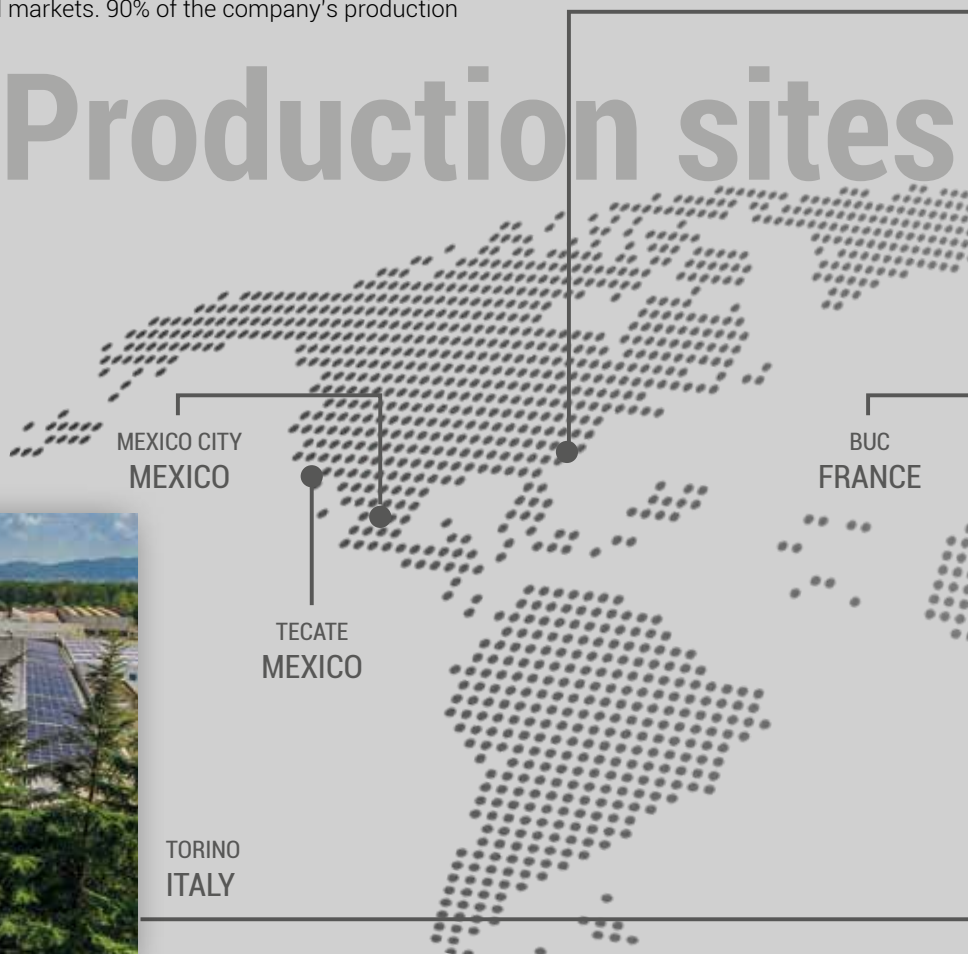
FNA The great family of air compressors

The NUAIR brand is part of the FNA S.p.A., which has 75 years of experience in the compressed air industry. FNA, the world's leading manufacturer of piston compressors, undisputed leader in the production of professional compressors and among the first in Europe in the industrial screw compressor segment, has established itself on the market thanks to its strengths: dynamism, technological innovation, know-how, creativity, integrated marketing, flexible production processes and 'tailor-made' customer service. The group counts on an experienced and highly qualified team, capable of interpreting the market needs in defining, developing and distributing its products.

FNA has its headquarters in Turin, Italy and employs around 1,300 people in its production plants in Italy, France, China, Mexico and the United States. These plants supply over 1,500,000 piston compressors and over 11,000 screw compressors annually to meet the compressed air needs of the domestic and international markets. 90% of the company's production is exported outside Italy to 120 countries worldwide.



Production sites



The NUAIR brand

NUAIR is part of the FNA family and its portfolio ranges from professional piston compressors to high performance variable speed screw compressors. NUAIR is an undisputed leader in the design, development, production and distribution of high-tech solutions for compressing air with the greatest possible energy savings, serving every sector, from large industry to small business.

The NUAIR industrial range is wide and comprehensive and includes rotary screw compressors from 2.2 to 75 kW with belt transmission, and the new POLAR range, with direct transmission, from 5.5 to 45 kW. Our screw compressors are manufactured entirely in Italy applying the most modern design, construction, assembly and testing technologies to ensure customers reliable compressors with first-class performance.



Facts and figures

1.500.000

11.000

1.500

1.300

300

120

7

FNA America

The FNA's North American operations, FNA AMERICA is present with a newly established headquarter in Fort Mill, South Carolina. Since its local inception during the 80s, FNA AMERICA has been distributing millions of compressors to OEM customers under the NUAIR or private label brands.

With a new 104,000 square foot facility, FNA AMERICA is primed for additional production capabilities including assembly of professional and heavy duty piston compressors to serve various market segments and fulfill the demands of all channels.

This strategic initiative has allowed FNA AMERICA to more than double its workforce, further add manufacturing capabilities, and offer more efficient distribution through its network of locations in the U.S. and Canada.

The company is also expanding its local portfolio through strategic acquisitions of complementary brands and operations.

FNA AMERICA includes in its portfolio innovative products for the Professional, and Industrial markets to maintain a wide repertoire of diversity and dominance in the air compressor market.



FORT MILL
U.S.A. (SC)



HAIYAN
CHINA

BOLOGNA
ITALY



around the world

Piston compressors manufactured annually

Screw compressors manufactured annually

Global service centres

Employees

Million \$ turnover

The countries we export to

Production plants worldwide



a brand of



The great family
of air compressors.



NUAIR
THE WIND OF CHANGE.

ORION
3.0 HP

NUAIR
THE WIND OF CHANGE.

NUAIR
THE WIND OF CHANGE.

LTC

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LUBRICATED ROTARY SCREW COMPRESSORS DESIGNED FOR THE INDUSTRIAL AND PROFESSIONAL SECTORS, WITH POWER OUTPUTS FROM 3 UP TO 100 HP.

NUAIR screw compressors are designed to meet the requirements of reliability and efficiency, optimising energy consumption, operating and maintenance costs and ease of installation and use. They are the ideal support for all companies where compressed air is a primary energy source.



3 HP

5.5-7.5 HP

10-20 HP

ORION

Available versions:
base mounted,
on 23Gal tank.

Air-end:
FS14

Controller:
LOGIN Zero

Drive:
Direct

Filters:
spin-on

More info at page 8-9

MERCURY

Available versions:
base mounted,
on 72Gal tank and dryer.

Air-end:
FS14

Controller:
LOGIN Mini

Drive:
Belt

Filters:
spin-on

More info at page 10-11

SIRIUS

Available versions:
base mounted,
on 72Gal and 132Gal
tank and dryer.

Air-end:
FS26

Controller:
LOGIN Mini

Drive:
Belt

Filters:
spin-on

More info at page 12-13



25-100 HP

10-50 HP

60-100 HP

SIRIUS

Available versions:
 base mounted

POLAR

Available versions:
 base mounted
 with inverter drive.

POLAR

Available versions:
 base mounted
 with inverter drive.

Air-end:

FS50 - FS100 - FS140 - FS270

Air-end:

FS26 - FS50 - FS100 - FS140

Air-end:

FS100 - FS140 - FS270 - FS300

Controller:

LOGIN

Controller:

LOGIN

Controller:

LOGIN

Drive:

Belt

Drive:

Direct

Drive:

Direct

Filters:

spin-on

Filters:

spin-on

Filters:

basket

More info at page 12-13

More info at page 14-17

More info at page 14-17





DIRECT DRIVE rotary screw compressors

RELIABLE, COMPACT, SILENT.

ORION is an oil-lubricated coaxial compressor with direct starter, the smallest of the entire NUAIR screw range.

The small size of the air-end/motor connection system allows the machine to maintain an extremely small footprint. Furthermore, thanks to its extreme quietness, only 65 dB(A), it can be placed near any operating environment. ORION is available in the base mounted version or on a 23 Gallons tank.



- 
EASY TO TRANSPORT
- 
3 HP
- 
116 PSI
- 
24/7

EFFICIENT AND COST-EFFECTIVE

ORION is designed for continuous operation in industrial applications. The coaxial transmission, with the air-end directly connected to the electric motor without any flexible coupling, ensures the best transmission efficiency. The FS14 air-end ensures minimum pressure losses, providing considerable energy savings and low operating and maintenance costs.

EASY TO TRANSPORT

ORION is handy and easy to move, thanks to the 2 sides handles (only base mounted version) and the forklift or pallet truck pre-arrangement at the bottom of the tank.

SIMPLIFIED MAINTENANCE

All internal components are easily accessible, making routine maintenance fast and simple to perform.

Air filter

Electric motor

Emergency button

Heat exchanger

Oil level viewer

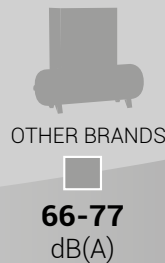


TRIPLE VOLTAGE
Three phase units are triple voltage. Just by changing motor connection, both 208/230 and 460 V power supply can be used.



SILENT

Thanks to its extreme quietness, only 65 dB(A), ORION can be placed near any operating environment. The machine has extremely compact and balanced dimensions, even in the tank mounted version.



ORION		Tank	Power	Power supply	Air outflow rate	Max. pressure	Air-end	Controller	Sound level	Air outlet	Net weight	Net dimensions	Gross weight	Gross dimensions
Model	P/N	Gal	HP	V / Ph	cfm	psi			dB(A)	G	lb	LxWxH (in)	lb	LxWxH (in)
		BASE MOUNTED												
ORION 3.0-08 M	V51PC64NUL017	-	3	208-230 / 1	11.7	116	FS14	LOGIN Zero	65	1/2"	150	31x18x24	174	33x21x31
ORION 3.0-08	V51PC70NUL017	-	3	208-230-460 / 3	11.7	116	FS14	LOGIN Zero	65	1/2"	150	31x18x24	174	33x21x31
TANK MOUNTED														
ORION 3.0-08 M 23G	V72PC60NUL055	23	3	208-230 / 1	11.7	116	FS14	LOGIN Zero	65	1/2"	229	29x18x42	255	33x21x53
ORION 3.0-08 23G	V72PC70NUL055	23	3	208-230-460 / 3	11.7	116	FS14	LOGIN Zero	65	1/2"	229	29x18x42	255	33x21x53

M = SINGLE PHASE
Reference conditions: air intake temperature 68 °F – atmospheric pressure 14.5 psi.
The data and results were measured in accordance with standard ISO 1217.
The sound level was measured in accordance with standard ISO 2151, with a tolerance of ±3 dB(A).

BELT-DRIVEN rotary screw compressors

COMPLETE, COMPACT, SILENT.

Oil lubricated belt-driven screw compressor with star-delta starter.

The LoginMini electronic controller manages all the compressor functions.

Poly-V belt drive providing long service life and minimum maintenance.

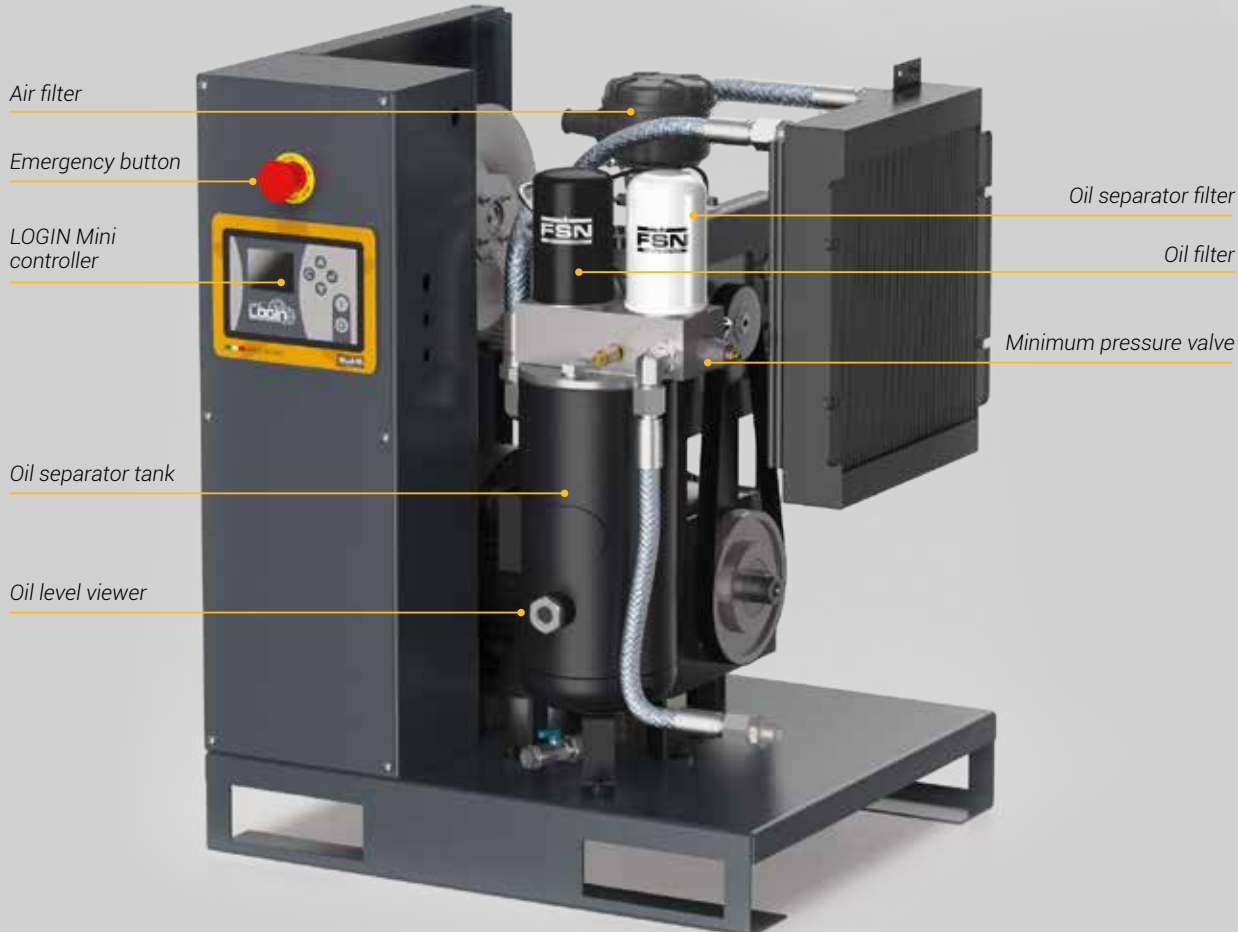
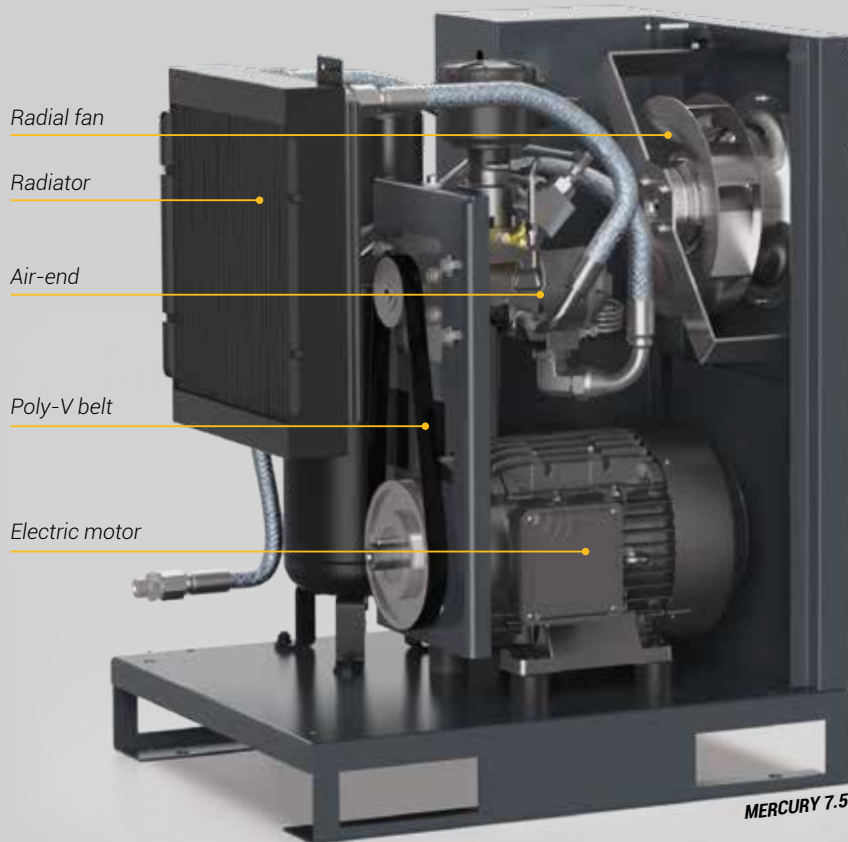
Independent ventilation with radial fan for lower noise level.

High compactness.

Extremely silent: only 60 dB(A).

Tank mounted versions with ball valve for easy condensate drainage and with refrigerated dryer: the machine is supplied ready to use, without any further installation costs.

The oversized oil filter and oil separator filter (both spin-on type) and the air filter ensure long service intervals for lower maintenance costs.



60 dB(A)



EASY TO TRANSPORT



5.5-7.5 HP



145 PSI



24/7

- Extremely compact
- Strong and reliable
- High performances
- Long life

PLUG & PLAY

Models with dryer and tank are ready for immediate use, without any additional installation costs.



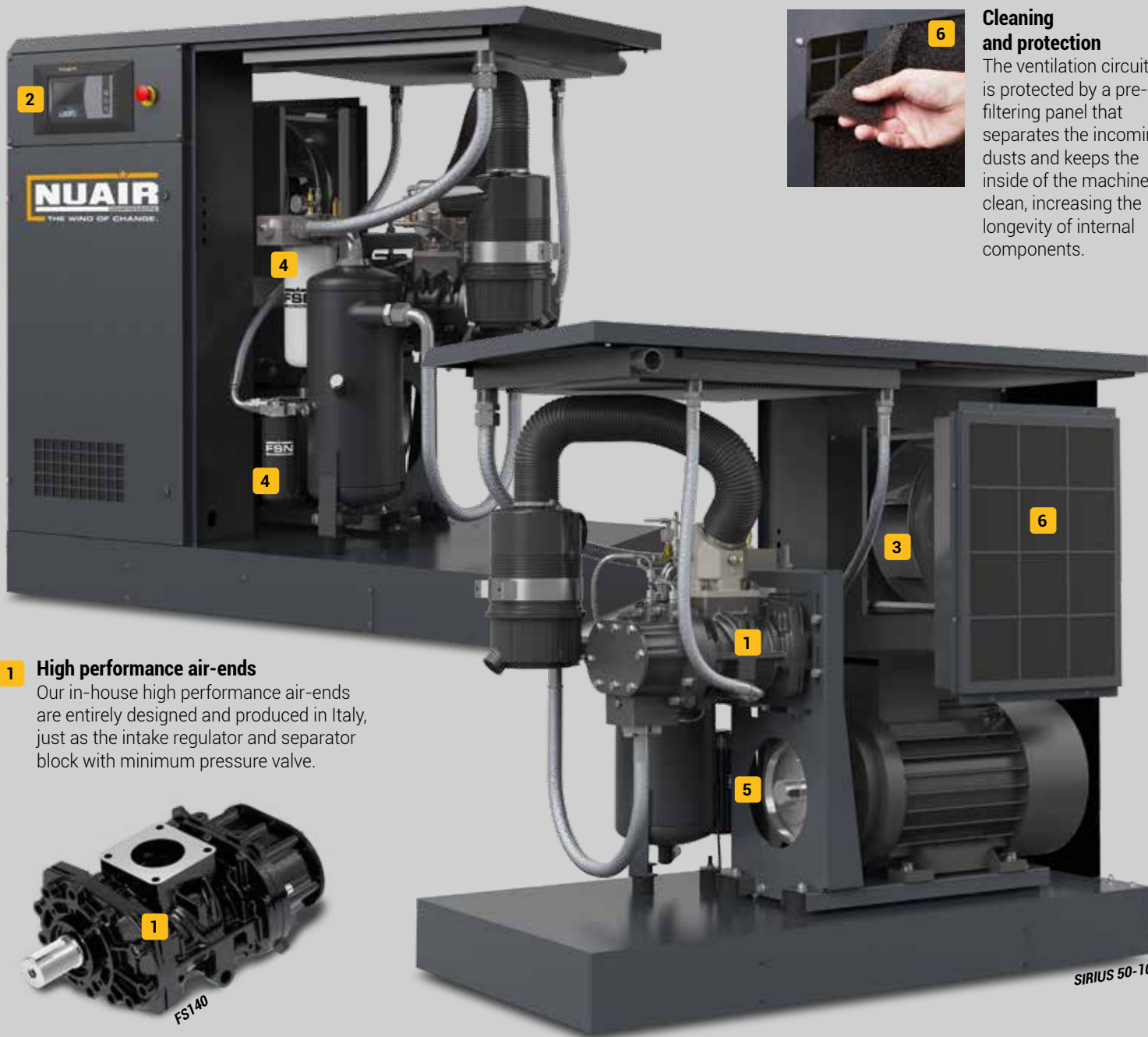
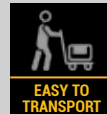
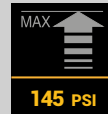
Easy maintenance
Fast and simple routine maintenance thanks to the easy access of internal components.



MERCURY														
Model	P/N	Tank	Power	Power supply	Air outflow rate	Max. pressure	Air-end	Controller	Sound level	Air outlet	Net weight	Net dimensions	Gross weight	Gross dimensions
		Gal	HP	V / Ph	cfm	psi			dB(A)	G	lb	LxWxH (in)	lb	LxWxH (in)
BASE MOUNTED														
MERCURY 5.5-10 M	V51JP64NULA64	-	5.5	208-230 / 1	17	145	FS14	LOGIN Mini	60	1/2"	277	24x20x31	301	28x26x38
MERCURY 7.5-10 M	V51JO64NULA64	-	7.5	208-230 / 1	23	145	FS14	LOGIN Mini	64	1/2"	286	24x20x31	319	28x26x38
TANK MOUNTED + DRYER														
MERCURY 5.5-10 M 72G D	V91JP64NULB55	72	5.5	208-230 / 1	17	145	FS14	LOGIN Mini	60	1/2"	506	61x22x55	561	68x29x66
MERCURY 7.5-10 M 72G D	V91JO64NULB55	72	7.5	208-230 / 1	23	145	FS14	LOGIN Mini	64	1/2"	518	61x22x55	583	68x29x66

M = SINGLE PHASE - D = DRYER
Reference conditions: air intake temperature 68 °F – atmospheric pressure 14.5 psi.
The data and results were measured in accordance with standard ISO 1217.
The sound level was measured in accordance with standard ISO 2151, with a tolerance of ±3 dB(A).

BELT-DRIVEN rotary screw compressors



1 High performance air-ends
Our in-house high performance air-ends are entirely designed and produced in Italy, just as the intake regulator and separator block with minimum pressure valve.



2 Electronic controller
The LOGIN and LOGIN Mini electronic controllers manage all the compressor functions and enable system diagnosis.

3 Reliable cooling system
The thermostatically controlled radial fan ensures optimum operating temperature, even in the most severe ambient conditions.

4 High efficiency filters
Oil filter and separator filter both spin-on type to ensure high efficiency and easy maintenance.

5 Long life belt
Transmission between the air-end and electric motor is performed by the Poly-V belt, characterised by long service life and minimal maintenance.

Cleaning and protection
The ventilation circuit is protected by a pre-filtering panel that separates the incoming dusts and keeps the inside of the machine clean, increasing the longevity of internal components.



- High energy savings
- Extremely quiet
- Extremely durable
- High efficiency
- High performances
- Easy maintenance

TRIPLE VOLTAGE
 Three phase units are triple voltage. Just by changing motor connection, both 208/230 and 460 V power supply can be used.

PLUG & PLAY
 Models with dryer and tank are ready for immediate use, without any additional installation costs.

SIRIUS															
Model	P/N	Tank	Power	Power supply	Air outflow rate	Max. pressure	Air-end	Controller	Sound level	Air outlet	Net weight	Net dimensions	Gross weight	Gross dimensions	
		Gal	HP	V / Ph	cfm	psi			dB(A)	G	lb	LxWxH (in)	lb	LxWxH (in)	
BASE MOUNTED															
SIRIUS 10 -10	V60NH90NULA64	-	10	208-230-460 / 3	34.6	145	FS26	LOGIN Mini	68	3/4"	451	32x27x39	482	37x30x45	
SIRIUS 15 -10	V60NM90NULA64	-	15	208-230-460 / 3	53	145	FS26	LOGIN Mini	69	3/4"	475	32x27x39	506	37x30x45	
SIRIUS 20 -10	V60NQ90NULA64	-	20	208-230-460 / 3	63.6	145	FS26	LOGIN Mini	70	3/4"	484	32x27x39	515	37x30x45	
SIRIUS 25 -10	V60QB90NULA64	-	25	208-230-460 / 3	88	145	FS50	LOGIN	66	1"	873	53x33x44	1034	60x39x54	
SIRIUS 30 -10	V60QE90NULA64	-	30	208-230-460 / 3	106	145	FS50	LOGIN	68	1"	922	53x33x44	1082	60x39x54	
SIRIUS 40 -10	V60BV90NULA64	-	40	208-230-460 / 3	148	145	FS100	LOGIN	70	1" 1/4	1459	60x35x57	1621	66x40x68	
SIRIUS 50 -10	V60BJ90NULA64	-	50	460 / 3	187	145	FS140	LOGIN	68	1" 1/4	1593	60x35x57	1756	66x40x68	
SIRIUS 60 -10	V60BN95NULA64	-	60	460 / 3	230	145	FS140	LOGIN	72	1" 1/2	2081	62x39x62	2270	71x47x83	
SIRIUS 75 -10	V60BS95NULA64	-	75	460 / 3	275	145	FS140	LOGIN	74	1" 1/2	2220	62x39x62	2409	71x47x83	
SIRIUS 100-10	V60BE95NULA64	-	100	460 / 3	371	145	FS270	LOGIN	72	2"	3234	71x45x73	3476	79x51x89	
TANK MOUNTED + DRYER															
SIRIUS 10-10 72G D	V91NH90NULB55	72	10	208-230-460 / 3	34.6	145	FS26	LOGIN Mini	68	1"	693	61x27x59	759	68x29x69	
SIRIUS 15-10 132G D	V83NM90NULB55	132	15	208-230-460 / 3	53	145	FS26	LOGIN Mini	69	1"	836	79x27x64	924	81x31x73	
SIRIUS 20-10 132G D	V83NQ90NULB55	132	20	208-230-460 / 3	63.6	145	FS26	LOGIN Mini	70	1"	906	79x27x64	994	81x31x73	

D = DRYER
 Reference conditions: air intake temperature 68 °F – atmospheric pressure 14.5 psi.
 The data and results were measured in accordance with standard ISO 1217.
 The sound level was measured in accordance with standard ISO 2151, with a tolerance of ±3 dB(A).

1 Efficient cooling system

A thermostatic-controlled centrifugal fan ensures the temperature inside the compressor to remain within a specific range, suitable to grant no condensation in the oil circuit. Models from 60 HP feature thermostatic valve. The particularly quiet fans and the use of top quality soundproofing materials ensure one of the lowest acoustic levels of the market.

2 Easy to transport

The base design allows handling with a pallet truck or with a forklift truck, simply by removing the panels which, when installed, minimise machine noise.

3 Heat exchangers

Carefully designed to combine highly efficient heat transfer in all conditions and reduced pressure losses.



POLAR 30-10 VS

4 Oil separator filter

Easily accessible for maintenance operations, it is spin-on type on models up to 50 HP, while it is basket-type from POLAR 60 HP version.

5 External grease point

Where present, they facilitate routine maintenance operations, maintaining constant lubrication of the electric motor bearings, also with the machine running and without having to access the inside of the compressor.

6 Direct drive transmission, with latest generation air-ends

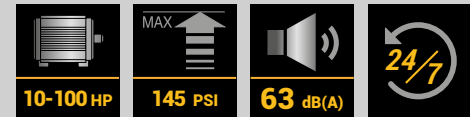
The motor shaft is coaxial to the male rotor of the air-end: this configuration means less wear on components, therefore less need for maintenance and quieter operation in comparison to belt transmission. This design, in combination with IE3 motors, guarantees superior efficiency and reliability.

VARIABLE SPEED rotary screw compressors with direct drive transmission



Efficiency is synonymous with sustainability

Reducing power consumption and protecting our valuable energy resources represents one of the greatest global environmental challenges of our times. With decades of experience in the manufacture and design of Variable Speed rotary screw compressors, NUAIR is recognised as a technological leader in the field of inverter technology, your ideal partner and uniquely qualified to offer the most suitable energy saving solutions.



POLAR													
Model	P/N	Power	Power supply	Air outflow rate (min. - max.)	Max. pressure	Air-end	Controller	Sound level	Air outlet	Net weight	Net dimensions	Gross weight	Gross dimensions
		HP	V / Ph	cfm	psi			dB(A)	G	lb	LxWxH (in)	lb	LxWxH (in)
BASE MOUNTED + INVERTER													
POLAR 10-10 VS L	V51PT98NULA64	10	208-230 / 3	18 - 39	145	FS26	LOGIN	63	1/2"	387	33x27x33	418	37x30x40
POLAR 15-10 VS L	V60PJ98NULA64	15	208-230 / 3	18 - 57	145	FS50	LOGIN	67	3/4"	554	40x29x39	616	49x33x47
POLAR 15-10 VS	V60PJ97NULA64	15	460 / 3	18 - 57	145	FS50	LOGIN	67	3/4"	541	40x29x39	601	49x33x47
POLAR 20-10 VS L	V60PV98NULA64	20	208-230 / 3	30 - 74	145	FS50	LOGIN	67	3/4"	596	40x29x39	638	49x33x48
POLAR 20-10 VS	V60PV97NULA64	20	460 / 3	30 - 74	145	FS50	LOGIN	67	3/4"	579	40x29x39	623	49x33x48
POLAR 25-10 VS L	V60DQ98NULA64	25	208-230 / 3	35 - 108	145	FS100	LOGIN	63	1" 1/4	1206	52x33x54	1386	60x41x65
POLAR 25-10 VS	V60DQ97NULA64	25	460 / 3	35 - 108	145	FS100	LOGIN	63	1" 1/4	1190	52x33x54	1368	60x41x65
POLAR 30-10 VS L	V60DS98NULA64	30	208-230 / 3	35 - 117	145	FS100	LOGIN	63	1" 1/4	1184	52x33x54	1364	60x39x62
POLAR 30-10 VS	V60DS97NULA64	30	460 / 3	35 - 117	145	FS100	LOGIN	63	1" 1/4	1166	52x33x54	1344	60x39x62
POLAR 40-10 VS L	V60DX98NULA64	40	208-230 / 3	51 - 178	145	FS140	LOGIN	68	1" 1/2	1881	62x39x61	2077	71x47x75
POLAR 40-10 VS	V60DX97NULA64	40	460 / 3	51 - 178	145	FS140	LOGIN	68	1" 1/2	1859	62x39x61	2050	71x47x75
POLAR 50-10 VS	V60DV97NULA64	50	460 / 3	53 - 194	145	FS140	LOGIN	70	1" 1/2	1998	62x39x61	2163	71x47x75
POLAR 60-10 VS	V60FX97NULA64	60	460 / 3	97 - 242	145	FS270	LOGIN	72	2"	2583	62x39x61	2827	71x47x75
POLAR 75-10 VS	V60FX97NULA64	75	460 / 3	115 - 288	145	FS270	LOGIN	72	2"	2706	62x39x61	2926	71x47x75
POLAR 100-10 VS	V60FA97NULA64	100	460 / 3	173 - 439	145	FS300	LOGIN	67	2"	6457	90x57x77	6853	101x65x88

VS = VARIABLE SPEED - L = LOW VOLTAGE

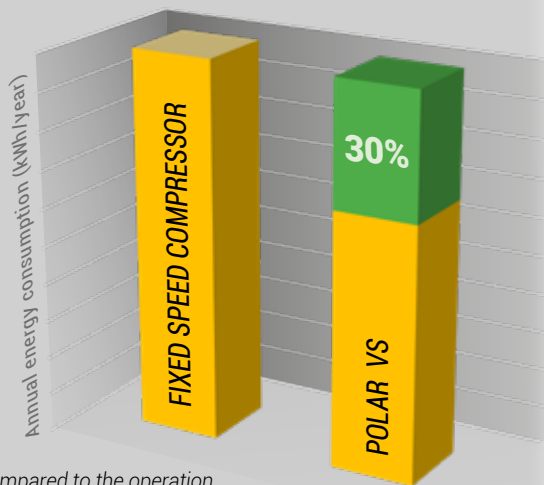
Reference conditions: air intake temperature 68 °F – atmospheric pressure 14.5 psi.

The data and results were measured in accordance with standard ISO 1217.

The sound level was measured in accordance with standard ISO 2151, with a tolerance of ±3 dB(A).



- 1 LOGIN controller**
Simple and intuitive, powerful and flexible programming. For remote control and multi-compressor management. Designed for Industry 4.0.



When compared to the operation of a fixed speed compressor, a POLAR VS is able to achieve significant energy savings, up to 30%.

Easy maintenance

The smart design of the POLAR models, which can be fully opened on all 4 sides, allows easy and quick access to internal components.

- 3** The “spin-on” oil filter, air filter and oil separator filter are positioned for easy access and therefore quick to replace.
- 4** Starting from 60 HP versions, units are equipped with basket oil separator filters. The top-quality consumables ensure a long operating life, excellent reliability and reduced maintenance costs.



- 5 Intake regulator**
Ensures highly efficient operation, low noise and high reliability.

- 6 Radial fan**
Excellent cooling air flow with low noise.



- Highest energy savings
- Extremely quiet
- High efficiency
- High performances
- Easy maintenance

ENERGY EFFICIENCY CLASS
according to IEC standard 60034-30-1



Premium Efficiency Motor



POLAR 50-10 VS

2 Variable speed with inverter

The reduction of energy consumption and the protection of our precious environmental resources is one of the major global challenges in our times.

Thanks to many years of experience in the industrial sector, NUAIR is recognised as a technological leader in the field of variable speed compressors, capable of guaranteeing high performance levels and efficient energy solutions. The inverter is able to dynamically adjust the speed of the motor, regulating the production of the compressed air granting constant pressure.

The benefits of using the POLAR with inverter are remarkable:

- continuous control and regulation of the compressed air generated by varying the speed of the electric motor from 40% up to 100% of the full speed;
- the compressed air generated is constantly adjusted to match the air demand.

7 Direct transmission, with latest generation air-ends

The motor shaft is coaxial to the male rotor of the air-end: this configuration means less wear on components, therefore less need for maintenance and quieter operation in comparison to belt transmission. This design, in combination with IE3 motors, guarantees superior efficiency and reliability.





LOGIN ZERO

Multi-function controller with 5-digit LED display installed in ORION series

Measures and displays:

- Compressor status (stand-by, idle, load, off).
- Operating temperature.
- Operating pressure.
- Total working hours and load hours.
- Remaining hours to maintenance.
- Alarm management (motor thermal overload, fan thermal overload, oil temperature values) with dedicated LED signalling.
- Auto-restart after power failure.
- Integrated digital phase sequence control.

LOGIN Mini

Digital controller with color display and 6 buttons for complete control of all compressor functions. Installed in MERCURY series and SIRIUS up to 20 HP.

The intuitive and comprehensive multilingual color display provides extended text.

Measures and displays:

- The display has always two bars visible: a top status bar and a bottom navigation bar. This allows users to always intuitively know the machine's status and active functions through the top status bar.
- Menu navigation is made easier by the symbols shown on the bottom navigation bar.
- Pressure is monitored through a transducer, which allows precise adjustment according to the parameters set on the controller.
- Motor control: continuous, with fixed idle time or with dynamic adjusted time to comply with the max allowed motor starts.
- The controller allows the management of up to 8 machines in master/slave mode thanks to the native ISC function.
- Configurable auto-restart and remote ON/OFF complete the controller's features.



Multilanguage management

It is possible to select the local language from any of the 20 pre-installed languages.



Remote control

Selectable remote on/off and remote pressure control.



Multicolor display

All the operational parameters are displayed and can be adjusted on the color screen.



Designed for Industry 4.0

LOGIN: intelligent and intuitive control.

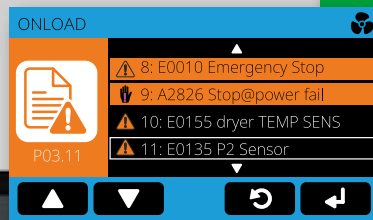
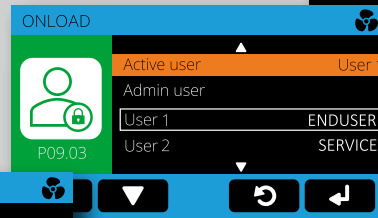
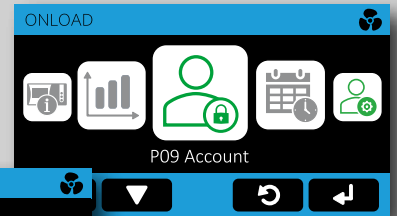
The Login controller, installed in POLAR series and SIRIUS starting from 25 HP, introduces new software capabilities to upgrade diagnostic functions, thereby guaranteeing excellent performance in all conditions.

Login provides additional facilities including remote control and multi-compressor management.

All functions of the compressor are entirely managed by the Login electronic controller, which constantly monitors the machine operation ensuring efficient and reliable operation of the machine in all conditions with customised functions to suit any application.

During an irregular event within the machine, Login reports the presence of such an incident by creating an alert for the user, allowing for prompt operator intervention.

The integrated connectivity with remote monitoring (optional), makes it possible to obtain complete information on the compressor status remotely.



Compressor rotation management

Thanks to the "ISC" system it is possible to simultaneously connect up to 8 different compressors (fixed and/or variable speed combinations), with "master-slave" logic, also for compressors not equipped with Login by using an optional dedicated module.



Exclusive design

Italian design, functionality, user-friendly and with the latest generation technology all come together with the innovative Login electronic controller. The touch-screen display and the icon-based menu make it extremely intuitive and easy to use.



Remote control

Allows a complete remote monitoring of the compressor.



Memory card slot

Login features a memory card slot which can be used to store compressor data and configurations and to transfer them to another control unit.



Multicolor display

All of the operational parameters are displayed on the large 4.3" color screen which also displays graphs in real time (pressure, power, energy/time).



Multilanguage management

It is possible to select the local language from any of the 20 pre-installed languages.



Designed for Industry 4.0

LUBRICATED BELT DRIVEN PISTON COMPRESSORS,
 WITH POWER OUTPUTS FROM 2 UP TO 20 HP.



2-5 HP

5-10 HP

**PROFESSIONAL
 VERTICAL**

**HEAVY DUTY
 VERTICAL**

Compressor pump:
 B2800 - MK113 - BK114

Compressor pump:
 K31 - K61

Tank type:
 Vertical

Tank type:
 Vertical

Crankcase material:
 Aluminum Alloy

Crankcase material:
 Cast iron

Aftercooler:
 Standard

Aftercooler:
 Radiator

Drain valve:
 Manual

Drain valve:
 Pneumatic

More info at page 24

More info at page 25

Designed for the professional sectors, suitable for intensive use, these are ideal work tools for craftsmen and professionals. The range is enriched with technical solutions that simplify its use, protect its structure, make it easily transportable and guarantee total long-term reliability. The combination of a powerful and reliable unit with a large air reserve makes these compressors suitable for all pneumatic accessories that require high air consumption. The range of gas engine compressors is suitable for all uses where the mains power supply is not available.



5-16 HP

10-20 HP

**HEAVY DUTY
GAS ENGINE**

**HEAVY DUTY
HORIZONTAL & DUPLEX**

Compressor pump:
MK113 - K31 - K50

Compressor pump:
K50 - K61

Tank type:
Horizontal

Tank type:
Horizontal

Crankcase material:
Aluminum Alloy - Cast iron

Crankcase material:
Aluminum Alloy - Cast iron

Aftercooler:
Standard

Aftercooler:
Radiator

Drain valve:
Manual

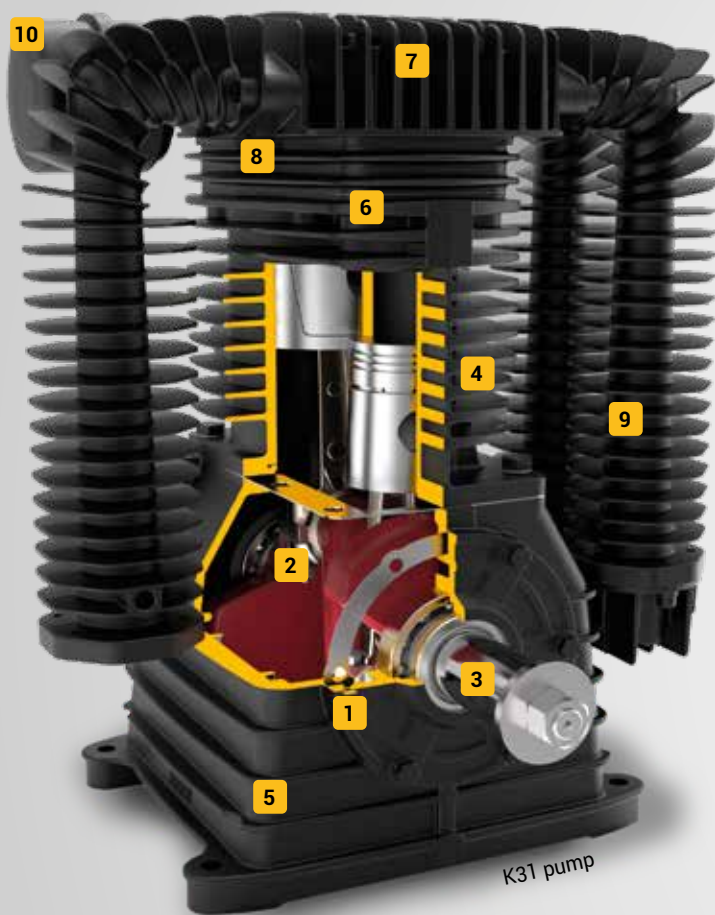
Drain valve:
Pneumatic

More info at page 26

More info at page 27

COMPRESSOR PUMPS

- Heavy duty service
- Strong and reliable
- High performances
- Long life
- Low vibrations
- Low speed
- From 2 to 20 HP
- Max. 175 psi



Bearings
 High quality ball bearings are the basis for ensuring a continuous service in all working conditions.



Crankshaft and connecting rod
 Crankshaft balanced with electronic equipment: no vibration. Con-rod with low friction bushes to assure high efficiency and reduced wear.



Flywheel
 The profile of the blades of the flywheel is designed to ensure a high cooling.



Cylinders
 Cast iron: strong, reliable, heavy duty. Special machining to assure low oil consumption.



Crankcase
 High oil capacity for longer operation. Internal painting with resin against oil losses. Heavy casting prevents vibration.



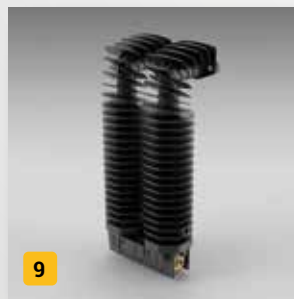
Valves gasket
 Stainless steel with addition of elastomers: perfect seal and long life also in very harsh conditions.



Head
 Aluminum die casting for a better dissipation of heat, with large fins for maximum cooling.



Valves plate
 Cast iron, strong, reliable, long lasting. Oversized air chambers for high performance temperature management.



After cooler
 Aluminum die casting for excellent heat dissipation. Large fins for maximum cooling.

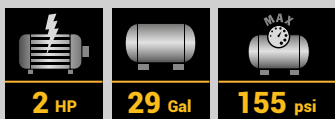


Filter
 Labyrinth system to reduce noise. Large dust filter elements. Long life.



PORTABLE COMPRESSOR

- Easy to view oil sight glass
- Balanced flywheel
- Aluminum aftercooler for better cooling
- High flow belt guard
- Transportable



2 HP

29 Gal

155 psi



B2800B-29G V 2HP 1PH

VERTICAL COMPRESSOR

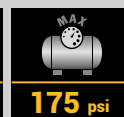
- Easy to view oil sight glass
- Oversized ball bearing
- Balanced flywheel
- Aluminum aftercooler for better cooling
- High flow belt guard



5 HP



60 Gal



175 psi



PROUDLY
MADE IN USA

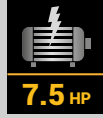


BK114-60G V 5HP 1PH

Model	P/N	Pump	Tank	Power	Power supply	Cylinders	Stages	Max. pressure	R.P.M.	Air displacement		Gross weight	Gross dimensions
			Gal	HP	V / Ph	nr.	nr.	psi		cfm 0-40 psi	cfm 0-90 psi	lb	LxWxH (in)
PROFESSIONAL - VERTICAL													
B2800B-29G V 2HP 1PH	28HH4C4NUU501	B2800	29	2	115 / 1	2	1	150	1370	8.8	7.9	147	23x21x42
B2800B-60G V 2HP 1PH	28NH4C4NUU503	B2800	60	2	115 / 1	2	1	135	1370	8.8	7.9	260	28x22x66
MK113-60G V 4HP 1PH	BPNH5D4NUU502	MK113	60	4	230 / 1	2	1	155	1230	15	14.4	258	28x22x67
BK114-60G V 5HP 1PH	BZNH7D4NUU504	BK114	60	5	230 / 1	2	2	175	1340	19.1	18.2	275	31x22x71

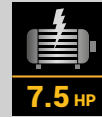
VERTICAL COMPRESSOR

- Easy to view oil sight glass
- Oversized ball bearing
- Balanced flywheel
- Aluminum intercooler and radiator for better cooling
- Heavy duty metal frame belt guard
- MAG starter



VERTICAL V-PUMP COMPRESSOR

- Easy to view oil sight glass
- Oversized ball bearing
- Balanced flywheel
- Radiator
- MAG starter
- Aluminum aftercooler for better cooling
- Heavy duty metal frame belt guard



K31-80G V 7.5HP 3PH

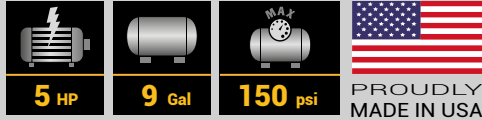


K61-80G V 7.5HP 3PH

Model	P/N	Pump	Tank	Power	Power supply	Cylinders	Stages	Max. pressure	R.P.M.	Air displacement		Gross weight	Gross dimensions
			Gal	HP	V / Ph	nr.	nr.	psi		cfm 0-40 psi	cfm 0-90 psi	lb	LxWxH (in)
HEAVY DUTY - VERTICAL													
K31-80G V 5HP 1PH	SLXH7D4NUU505	K31	80	5	230 / 1	2	2	175	860	20.7	19.9	560	34x25x72
K31-80G V 5HP 3PH	SLXH7D1NUU519	K31	80	5	208-230 / 3	2	2	175	860	20.7	19.9	560	34x25x72
K31-80G V 7.5HP 1PH	SLXH8D4NUU506	K31	80	7.5	230 / 1	2	2	175	1130	26.3	25.2	570	34x25x72
K31-80G V 7.5HP 3PH	SLXH8D1NUU507	K31	80	7.5	208-230 / 3	2	2	175	1130	26.3	25.2	570	34x25x72
K61-80G V 7.5HP 1PH	SNXH8D4NUU508	K61	80	7.5	230 / 1	4	2	175	660	32.5	31.3	672	43x25x75
K61-80G V 7.5HP 3PH	SNXH8D1NUU509	K61	80	7.5	208-230 / 3	4	2	175	660	32.5	31.3	672	43x25x75
K61-120G V 10HP 3PH	SNTV9D1NUU510	K61	120	10	208-230 / 3	4	2	175	880	43.6	42.1	845	43x29x79

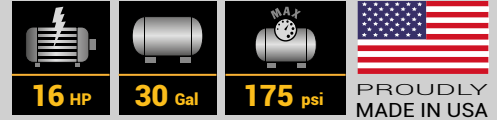
GAS ENGINE PORTABLE COMPRESSOR

- Easy to view oil sight glass
- Oversized ball bearing
- Balanced flywheel
- Aluminum aftercooler for better cooling
- High flow belt guard
- Transportable



GAS ENGINE COMPRESSOR

- Easy to view oil sight glass
- Oversized ball bearing
- Balanced flywheel
- Aluminum intercooler and aftercooler for better cooling
- Heavy duty metal frame belt guard



MK113-9G WB 5HP PETROL



K50-30G H 16HP PETROL

Model	P/N	Pump	Tank	Power	Power supply	Cylinders	Stages	Max. pressure	R.P.M.	Air displacement		Gross weight	Gross dimensions
			Gal	HP						cfm 0-40 psi	cfm 0-90 psi		
HEAVY DUTY GAS ENGINE - HORIZONTAL													
MK113-9G WB 5HP PETROL	BPEH7P1NUU513	MK113	9	5	Gas - Honda	2	1	150	1310	16.3	15.6	143	44x17x27
K31-30G H 13HP PETROL	SLFH9P1NUU512	K31	30	13	Gas - Honda GX390 electric starter	2	2	175	1120	26.1	25	512	45x20x39
K50-30G H 16HP PETROL	SMFHAP1NUU518	K50	30	16	Gas - Vanguard	2	2	175	1050	31	29.6	489	44x21x42

HEAVY DUTY COMPRESSOR

- Easy to view oil sight glass
- Oversized ball bearing
- Balanced flywheel
- Aluminum aftercooler for better cooling
- Heavy duty metal frame belt guard
- Radiator
- MAG starter

10 HP **120 Gal** **175 psi** PROUDLY MADE IN USA

DUPLEX COMPRESSOR

- Easy to view oil sight glass
- Oversized ball bearing
- Balanced flywheel
- Aluminum aftercooler for better cooling
- Heavy duty metal frame belt guard
- Radiator
- MAG starter

20 HP **200 Gal** **175 psi** PROUDLY MADE IN USA



K50-120G H 10HP 3PH



K61-200G H 2X10HP 3PH

Model	P/N	Pump	Tank	Power	Power supply	Cylinders	Stages	Max. pressure	R.P.M.	Air displacement		Gross weight	Gross dimensions
			Gal	HP	V / Ph	nr.	nr.	psi		cfm 0-40 psi	cfm 0-90 psi	lb	LxWxH (in)
HEAVY DUTY - HORIZONTAL													
K50-120G H 10HP 3PH	SMTH9D1NUU514	K50	120	10	208-230 / 3	2	2	175	1000	31.4	30	839	72x28x51
HEAVY DUTY - DUPLEX													
K50-120G H 2X7.5HP 3PH	SMUH8D1NUU515	K50	120	15 (2x7.5)	208-230 / 3	2	2	175	780	51.7	49.1	1055	87x29x53
K50-120G H 2X7.5HP 1PH	SMUH8D4NUU516	K50	120	15 (2x7.5)	230 / 1	2	2	175	780	51.7	49.1	1055	87x29x53
K50-120G H 2X10HP 3PH	SMUH9D1NUU517	K50	120	20 (2x10)	208-230 / 3	2	2	175	1000	62.8	60	1208	87x29x53
K61-200G H 2X10HP 3PH	SNRH9D1NUU511	K61	200	20 (2x10)	208-230 / 3	2	2	175	880	87.2	84.3	1432	86x33x58



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