NUAIR COMPRESSORS

THE WIND OF CHANGE.

Belt driven rotary screw compressors

2.2-75 kW

MERCURY SIRIO

NEW

The group

The **NUAIR** brand is part of the FNA international group, 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.
NUAIR's industrial range is wide and comprehensive and includes rotary screw compressors from 2.2 to 75 kW with belt or direct-drive transmission.

Product range

Mercury Mech - Mercury Tronic 2.2-5.5 kW	Sirio 8-11-15-16 7.5-15 kW	Sirio 18.5-22 18.5-22 kW
Available versions: floor mounted compressor, compressor + tank, compressor + tank + dryer	**Available versions:** floor mounted compressor, compressor + tank, compressor + tank + dryer	**Available versions:** floor mounted compressor, compressor + dryer
Air-end: FS14	**Air-end:** FS26 - FS50	**Air-end:** FS50
Controller: ETMII	**Controller:** ETMII	**Controller:** ETIV
Fixed speed	**Fixed speed**	**Fixed or variable speed**
page 8-11	*page 12-13*	*page 14-15*

Our figures

Employees across 3 continents	1300
Global service centres	1500
Countries we export to	120
Screw compressors produced per year	11000
Manufacturing plants	5

Sirio 31-38
30-37 kW

Available versions:
floor mounted compressor
compressor + dryer

Air-end:
FS100 - FS140

Controller:
ETIV

Fixed or variable speed

pag. 16-17

Sirio 45-55
45-55 kW

Available versions:
floor mounted compressor

Air-end:
FS140

Controller:
ETIV

Fixed speed

pag. 18-19

Sirio 56-75
55-75 kW

Available versions:
floor mounted compressor

Air-end:
FS270

Controller:
ETIV

Fixed or variable speed

pag. 18-19

Screw technology

The NUAIR air-ends feature **rotors with an optimised profile and outstanding performance**. The production process is completely integrated thanks to avant-garde machine tools and sophisticated control instrumentation that guarantees the highest level of quality.

A solid CAD modelling system optimises the set-up of the components.

Each single rotor is cut in four well-defined manufacturing stages to achieve extremely high execution precision and repeatability. This level of construction accuracy means that each male rotor can be fitted with any female rotor.

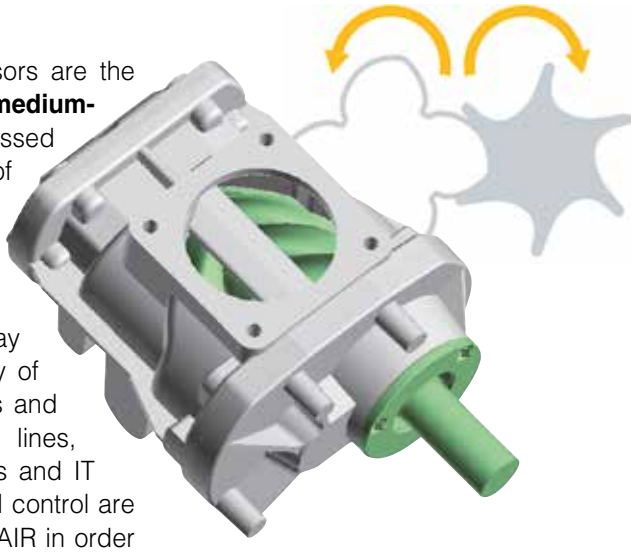
All air-ends are individually tested after their assembly and then tested again after they have been installed on the completed machine.

Innovation

NUAIR's construction philosophy is based on optimising machine components by choosing the **most technologically advanced solutions**.
The higher wear resistant Poly-V belt drive, the oversized combined air/oil exchanger with cooling fan and thermostatic control to ensure the ideal operating temperature, and high-efficiency electrical motors, make NUAIR compressors indispensable robust and reliable work tools, even in the most heavy-duty conditions.

Quality

NUAIR rotary screw compressors are the answer to the needs **of small and medium-sized enterprises**, where compressed air is one of the main sources of energy.
Qualified technicians and personnel equipped with state of the art technology and cutting edge equipment work together every day to check the efficiency and quality of the products. Assembly operations and testing conducted on automated lines, state of the art automated systems and IT equipment intended for design and control are the main investments made by NUAIR in order to manufacture products that meet the market's **quality standards**. All critical components are manufactured on CNC machine tools and are 100% tested.



Our Quality System is UNI EN ISO 9001:2015 since 1996.

Production

MADE IN ITALY

The entire production cycle is carried out **in-house, at our Italian production plants**: design, machining, assembly, testing, packaging and shipment. Every product, built in compliance with the current regulations, is closely followed up in all process steps by trained and qualified staff, to ensure that specific quality and functional tests are passed. In addition to the complete product, NUAIR provides a wide range of air-ends, intake regulators, thermostatic valves and accessories for the assembly of rotary compressors.

Product range assets

NUAIR is a worldwide leader in the production of air compressors suitable to all industrial and professional sectors. NUAIR offers an industrial range designed to meet all user requirements and complemented by a broad choice of accessories for air distribution and treatment.

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.
All models share the following benefits typical of NUAIR screw technology:

High efficiency motors

The high-efficiency electric motors installed on the NUAIR screw compressors range, combined with our high-performance air-ends, make it possible to reduce energy-related costs and reduce CO_2 emissions: an important contribution to environmental protection.
Furthermore, the 75 kW models are equipped with the new electric motors, again more performing, in “IE4 Super Premium” energy efficiency class.

High volumetric yield

The air delivered by our high-efficiency air-ends contributes to lower energy consumption, providing significant savings.

Reliability

The low speed of the screw pumping unit guarantees minimal wear and long durability. Suitable for intense and non-stop operation 24/7 without performance drop.

Belt transmission

The Poly-V belt transmission ensures lower power losses and two-three times the service life compared to standard range “V” type belts fitted to other compressors on the market. Belt tensioning is carried out through a slider system.

Low installation costs

The versions fitted with a tank and dryer are ready for use, with no added cost of installation.

Low noise levels

This means the operator can install the compressor near the workstation.

Compact design means reduced dimensions

Ease of maintenance

The internal mechanical parts are easy to access to perform routine maintenance, quickly and simply.

A complete machine

Models with refrigeration dryers (“ES” versions) are also available, ready for immediate use, without any additional installation costs. For all the dryer plus tank versions it is also possible to retrofit the optional filter kit (prefilter and microfilter) to obtain a complete machine, without any additional bulk.

Radial fan
Supplies the optimum cooling air flow to the air/oil cooler: safe operation in any environmental condition with minimum noise level.

Poly-V belt
It guarantees a long service life and requires minimal maintenance.

Intake valve
100% designed and made in Italy.

Minimum pressure valve
Built with oxidation resistant materials, the valve is machined from solid. Great attention to construction to ensure operation even in extreme conditions.

Compressor model	Power	Air receiver	Dryer	Air flow	Filter kit code
	kW	l	type	m³/min.	
MERCURY	2.2-5.5	200-270-500	RD17	1.6	#260KFL010
SIRIO	7.5-11	270	RD17	2.5	#260KFL020
SIRIO	7.5-11-15	500	RD17-RD24	2.5	#260KFL030

Advanced electronic controllers

The advanced controllers fitted to the NUAIR range have been specifically developed to guarantee optimum monitoring and regulation of the compressors operation, allowing flexibility and full programming of the complete compressed air station for maximum efficiency and safety.

ETMII Installed on models from 4 to 15 kW.
Controller with backlit multi-function display alphanumeric menu.
The main screen displays:
- operating pressure;
- oil temperature;
- total operation hours;
- load operation hours;
- compressor status led (stand-by, idle, load).

The ETMII has also the following functions:
- four maintenance timers (air filter cartridge, oil, oil filter, separator filter);
- auto-restart after power failure;
- programmable cooling fan temperature;
- programmable remote control start of the compressor;
- integrated phases sequence control;
- display of hours remaining before maintenance.

ETIV Installed on models from 18.5 to 75 kW.
Controller with backlit multi-function and multi-language LCD display with drop-down menu. Main data displayed are:
- operating pressure (load, idle pressure);
- oil temperature;
- compressor status (stand-by, idle, load);
- fan status (on/off);
- date and time;
- remaining hours to maintenance;
- total operation hours;
- load operation hours;
- inverter percentage of use (VS models only).

Weekly programming
With the ETIV controller it is possible to set up to 9 separate compressor operating programs.
For each program it is possible to set the start and stop times, the days of the week it needs to operate and the relative pressure range.
With a multiple-compressor system, whether fixed or variable speed, it is possible to set various programs so as to create a “virtual network” (therefore without having to physically connect then).

SMS Device Service Management System

SMS is the innovative tool to remotely control and perform predictive maintenance on screw compressors equipped with a ETIV controller. If the device is configured on internet networks via Wi-Fi or Ethernet, it allows e-mails to be sent automatically in case of faults and/or automatic regular e-mails (hourly, daily or weekly) to monitor the proper operation of the compressor and the remaining hours for the main programmed maintenance.

Preventive and targeted maintenance:
- automatic sending of e-mails in case of alarms,
- option of sending e-mails reporting the status of the compressor at a set frequency (hourly, daily or weekly).

Remote control of the compressor:
- no additional software is required,
- on/off control;
- access to the various menu levels (user, service),
- compressor online status check.

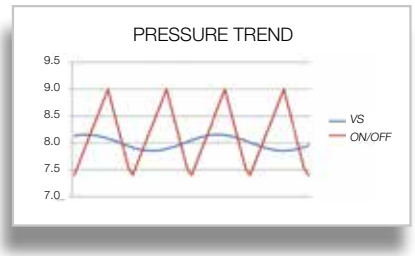
9062744	ANTENNA+SMS DEVICE KIT

Variable speed = Maximum energy saving

Energy and maintenance costs far outweigh the initial investment in a company. The NUAIR variable speed range, particularly in systems with variable air consumption, ensures that energy costs are reduced. The Sirio 22, 38, 56 and 75 models are also available in a variable speed (VS) version, equipped with an inverter, that enables the compressor to adapt to the flow rate demanded by the application.
They are particularly suitable for those companies that use compressed air with frequently changing flow rates: the variable speed operation allows the machine to adjust the flow rate to the actual demand.

- **Energy saving**
- **Silent operation**
- **Compact design**
- **Low maintenance**
- **Versions with dryer**
- **High-efficiency inverter**

The electronic controller monitors and controls air-end speed, modulating the air production in order to keep constant pressure in the network: immediate advantages of this feature are the constant pressure, the optimised electric power consumption, matching the real compressed air demand, and the minimum wear of the mechanical components, which are usually stressed during the no-load/load switching of the standard compressors.



EasyX4 Optimised control in the compressor room

Many compressed air stations include several compressors: **EasyX4 is the easiest solution to manage complex compressor systems, with fixed speed,** programmable on a weekly basis, capable of configuring up to 4 units, based on the amount of air actually required.

Three programming levels:
- **MANUAL:** compressors set on a given operating pressure range;
- **AUTOMATIC:** with pressure range exchange after a programmable time period;
- **GROUP PROGRAMMING:** the compressors can be switched within groups.

#405531604 EASY X4 CONTROL UNIT

Mercury Mech 2.2 - 3.0 - 4.0

Construction features and advantages:

- Working pressure 8 and 10 bar, with power from 2.2 to 4 kW.
- User-friendly ON/OFF electromechanical control: the absence of idle running ensures remarkable energy savings.
- Floor-mounted or 200-lt tank versions, with or without dryer, ready for operation.
- Models on tank with ball valve for easy condensate drainage.
- High compactness.
- Low energy consumption.
- Extremely silent: only 58-60 dB(A).
- Plug and play: the machine is supplied ready for use.
- The oversized oil filter and oil separator filter (both spin-on type) and the air filter ensure long service intervals for lower maintenance costs.
- Phases sequence relay for controlling the air-end direction of rotation.

Pressure switch with pressure gauge and hour counter.

MERCURY Mech 3.0-10

FS14

The air-ends are entirely designed in-house and made in Italy, just as the intake regulator and separator block with minimum pressure valve.

Available versions:

- floor mounted compressor;
- compressor + 200 litre tank;
- compressor + 200 litre tank + dryer.

MERCURY Mech 3.0-10

MERCURY Mech 4.0-10-200

MERCURY Mech 4.0-10-200 ES

2.2-4 kW

ELECTROMECHANICAL Model	Code	Air receiver	Power		Air outflow rate			Max. pressure		Air-end	Sound level	Air outlet	Net weight	Net dimensions	Gross weight	Gross dimensions
		ℓ	kW	HP	l/min.	m³/min.	c.f.m.	bar	p.s.i.		dB(A)	G	kg	LxWxH (mm)	kg	LxWxH (mm)
2.2 kW																
MERCURY Mech 2.2-08	V51JU72N1N564	-	2.2	3	325	0.33	11	8	116	FS14	58	1/2"	93	580x480x760	104	720x670x970
MERCURY Mech 2.2-10	V51JT72N1N564	-	2.2	3	290	0.29	10	10	145	FS14	58	1/2"	93	580x480x760	109	720x670x970
MERCURY Mech 2.2-08 M	V51JU60N1N564	-	2.2	3	300	0.30	11	8	116	FS14	58	1/2"	98	580x480x760	109	720x670x970
MERCURY Mech 2.2-10 M	V51JT60N1N564	-	2.2	3	240	0.24	8	10	145	FS14	58	1/2"	98	580x480x760	109	720x670x970
MERCURY Mech 2.2-08-200	V77JU72N1N544	200	2.2	3	325	0.33	11	8	116	FS14	58	1/2"	142	1480x520x1280	175	1560x660x1430
MERCURY Mech 2.2-10-200	V77JT72N1N544	200	2.2	3	290	0.29	10	10	145	FS14	58	1/2"	142	1480x520x1280	175	1560x660x1430
MERCURY Mech 2.2-10-200 M	V77JT60N1N544	200	2.2	3	240	0.24	8	10	145	FS14	58	1/2"	148	1480x520x1280	181	1560x660x1430
MERCURY Mech 2.2-08-200 ES	V77JU72N1N644	200	2.2	3	325	0.33	11	8	116	FS14	58	1/2"	164	1480x520x1280	197	1560x660x1430
MERCURY Mech 2.2-10-200 ES	V77JT72N1N644	200	2.2	3	290	0.29	10	10	145	FS14	58	1/2"	164	1480x520x1280	197	1560x660x1430
MERCURY Mech 2.2-10-200 ES M	V77JT60N1N644	200	2.2	3	240	0.24	8	10	145	FS14	58	1/2"	144	1480x520x1280	190	1560x660x1430
3 kW																
MERCURY Mech 3.0-08	V51JS72N1N564	-	3	4	430	0.43	15	8	116	FS14	59	1/2"	99	580x480x760	110	720x670x970
MERCURY Mech 3.0-10	V51JQ72N1N564	-	3	4	385	0.39	14	10	145	FS14	59	1/2"	99	580x480x760	110	720x670x970
MERCURY Mech 3.0-08-200	V77JS72N1N544	200	3	4	430	0.43	15	8	116	FS14	59	1/2"	155	1480x520x1280	188	1560x660x1430
MERCURY Mech 3.0-10-200	V77JQ72N1N544	200	3	4	385	0.39	14	10	145	FS14	59	1/2"	155	1480x520x1280	188	1560x660x1430
MERCURY Mech 3.0-08-200 ES	V77JS72N1N644	200	3	4	430	0.43	15	8	116	FS14	59	1/2"	177	1480x520x1280	210	1560x660x1430
MERCURY Mech 3.0-10-200 ES	V77JQ72N1N644	200	3	4	385	0.39	14	10	145	FS14	59	1/2"	177	1480x520x1280	210	1560x660x1430
4 kW																
MERCURY Mech 4.0-08	V51JR72N1N564	-	4	5.5	580	0.58	20	8	116	FS14	60	1/2"	108	580x480x760	119	720x670x970
MERCURY Mech 4.0-10	V51JP72N1N564	-	4	5.5	485	0.49	17	10	145	FS14	60	1/2"	108	580x480x760	109	720x670x970
MERCURY Mech 4.0-08-200	V77JR72N1N544	200	4	5.5	580	0.58	20	8	116	FS14	60	1/2"	157	1480x520x1280	190	1560x660x1430
MERCURY Mech 4.0-10-200	V77JP72N1N544	200	4	5.5	485	0.49	17	10	145	FS14	60	1/2"	157	1480x520x1280	190	1560x660x1430
MERCURY Mech 4.0-08-200 ES	V77JR72N1N644	200	4	5.5	580	0.58	20	8	116	FS14	60	1/2"	179	1480x520x1280	212	1560x660x1430
MERCURY Mech 4.0-10-200 ES	V77JP72N1N644	200	4	5.5	485	0.49	17	10	145	FS14	60	1/2"	179	1480x520x1280	212	1560x660x1430

Air flow was measured at the following operating pressure values: 8 bar for 8 bar models - 10 bar for 10 bar models - 13 bar for 13 bar models.
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).

Radial fan
Activated through thermostatic control, ensures proper cooling, maintaining the noise level of the machine low.

Transmission
The Poly-V belt guarantees minimum maintenance and extended service lifetime.

Simple maintenance
Fast and simple routine maintenance thanks to the easy accessibility of internal components.

Mercury Tronic 4.0 - 5.5

Construction features and advantages:

- The ETMII electronic controller manages all compressor functions.
- Star-delta starter.
- Poly-V belt drive providing long service life and minimum maintenance.
- Independent ventilation with radial fan for lower noise level.
- Models on tank with ball valve for easy condensate drainage.
- High compactness.
- Extremely silent: only 60-64 dB(A).
- The machine is supplied ready to use: plug it to the power supply and to the distribution system to start working with no plant installation difficulties.
- On-tank versions available also with refrigerated dryer.
- The oversized oil filter and oil separator filter (both spin-on type) and the air filter ensure long service intervals for lower maintenance costs.

ETMII electronic controller
The display shows: working pressure, total load hours, load/idle running, oil temperature.

MERCURY Tronic 5.5-10

FS14
Air-ends are entirely designed and made in Italy, just as the intake regulator and separator block with minimum pressure valve.

Available versions:

- Floor mounted compressor;
- compressor + tank (200, 270 or 500 litres);
- compressor + tank (200, 270 or 500 litres) + dryer.

MERCURY Tronic 4.0-08

MERCURY Tronic 4.0-08-200

MERCURY Tronic 5.5-08-500 ES

4-5.5 kW

ELECTRONIC Model	Code	Air receiver	Power		Air outflow rate			Max. pressure		Air-end	Sound level	Air outlet	Net weight	Net dimensions	Gross weight	Gross dimensions
		ℓ	kW	HP	l/min.	m³/min.	c.f.m.	bar	p.s.i.		dB(A)	G	kg	LxWxH (mm)	kg	LxWxH (mm)
4 kW *New motor and cabinet*																
MERCURY Tronic 4.0-08	V51JR92N1NA64	-	4	5.5	580	0.58	20	8	116	FS14	60	1/2"	126	600x520x780	137	720x670x970
MERCURY Tronic 4.0-10	V51JP92N1NA64	-	4	5.5	485	0.49	17	10	145	FS14	60	1/2"	126	600x520x780	137	720x670x970
MERCURY Tronic 4.0-13	V51JV92N1NA64	-	4	5.5	330	0.33	12	13	189	FS14	60	1/2"	126	600x520x780	137	720x670x970
MERCURY Tronic 4.0-08-200	V77JR92N1NA44	200	4	5.5	580	0.58	20	8	116	FS14	60	1/2"	178	1430x550x1310	205	1540x620x1470
MERCURY Tronic 4.0-10-200	V77JP92N1NA44	200	4	5.5	485	0.49	17	10	145	FS14	60	1/2"	178	1430x550x1310	205	1540x620x1470
MERCURY Tronic 4.0-08-200 ES	V77JR92N1NB44	200	4	5.5	580	0.58	20	8	116	FS14	60	1/2"	208	1430x550x1310	232	1540x620x1470
MERCURY Tronic 4.0-10-200 ES	V77JP92N1NB44	200	4	5.5	485	0.49	17	10	145	FS14	60	1/2"	208	1430x550x1310	232	1540x620x1470
5.5 kW																
MERCURY Tronic 5.5-08	V51JW92N1N564	-	5.5	7.5	720	0.72	25	8	116	FS14	64	1/2"	130	600x520x780	141.5	720x670x970
MERCURY Tronic 5.5-10	V51JO92N1N564	-	5.5	7.5	650	0.65	23	10	145	FS14	64	1/2"	130	600x520x780	141.5	720x670x970
MERCURY Tronic 5.5-13	V51JM92N1N564	-	5.5	7.5	485	0.49	17	13	189	FS14	64	1/2"	130	600x520x780	141.5	720x670x970
MERCURY Tronic 5.5-08-270	V91JW92N1N544	270	5.5	7.5	720	0.72	25	8	116	FS14	64	1/2"	205	1560x570x1390	240	1720x750x1680
MERCURY Tronic 5.5-10-270	V91JO92N1N544	270	5.5	7.5	650	0.65	23	10	145	FS14	64	1/2"	205	1560x570x1390	240	1720x750x1680
MERCURY Tronic 5.5-08-500	V83JW92N1N544	500	5.5	7.5	720	0.72	25	8	116	FS14	64	1/2"	275	2000x600x1480	320	2070x800x1680
MERCURY Tronic 5.5-10-500	V83JO92N1N544	500	5.5	7.5	650	0.65	23	10	145	FS14	64	1/2"	275	2000x600x1480	320	2070x800x1680
MERCURY Tronic 5.5-08-270 ES	V91JW92N1N644	270	5.5	7.5	720	0.72	25	8	116	FS14	64	1/2"	230	1560x570x1390	265	1720x750x1680
MERCURY Tronic 5.5-10-270 ES	V91JO92N1N644	270	5.5	7.5	650	0.65	23	10	145	FS14	64	1/2"	230	1560x570x1390	265	1720x750x1680
MERCURY Tronic 5.5-13-270 ES	V91JM92N1N644	270	5.5	7.5	485	0.49	17	13	189	FS14	64	1/2"	229	1560x570x1390	265	1720x750x1680
MERCURY Tronic 5.5-08-500 ES	V83JW92N1N644	500	5.5	7.5	720	0.72	25	8	116	FS14	64	1/2"	310	2000x600x1480	352	2070x800x1680
MERCURY Tronic 5.5-10-500 ES	V83JO92N1N644	500	5.5	7.5	650	0.65	23	10	145	FS14	64	1/2"	310	2000x600x1480	352	2070x800x1680

Air flow was measured at the following operating pressure values: 8 bar for 8 bar models - 10 bar for 10 bar models - 13 bar for 13 bar models.
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).

Pressure transducer
It ensures an optimal and stable operation over the time. It makes it possible to change the work pressure directly from the electronic controller without any mechanical intervention.

Air-oil circuit
All air-oil circuits hoses are made of rubber covered with a metal mesh resistant to high temperatures.

Intake regulator
Electro-pneumatic system regulating operation of the compressor ensuring the minimum pressure required during idling for maximum energy savings.

Sirio 8 - 11 - 15 - 16

Construction features and advantages:

- Working pressure: 8 - 10 - 13 and 15 bar, with power of 7.5 - 11 - 15 kW.
- The ETMII electronic controller manages all the compressor functions and enables system diagnosis.
- Intake regulator, separator block and minimum pressure valve designed and manufacture in-house.
- The cooling system, with radial ventilation, ensures optimum operating temperature.
- Tank-mounted complete models with refrigeration dryer (ES versions) are also available, ready for immediate use without any additional investment.
- Oil filter and separator filter both spin-on type to ensure high efficiency and easy maintenance.

Main functions of the ETMII controller: double hour counter (total hours, load hours), 4 maintenance hour counters, remote ON/OFF control and phase sequence relay to check the air-end direction of rotation.

SIRIO 8-10

FS50

FS26

The FS26 and FS50 air-ends are completely designed and produced in Italy.
FS50 is mounted on Sirio 16 models.

Available versions:

- floor mounted compressor;
- compressor + tank (270 or 500 litres);
- compressor + tank (270 or 500 litres) + dryer.

SIRIO 16-10

SIRIO 11-10-270

SIRIO 15-10-500 ES

7.5-15 kW

Model	Code	Air receiver	Power		Air outflow rate			Max. pressure		Air-end	Sound level	Air outlet	Net weight	Net dimensions	Gross weight	Gross dimensions
		ℓ	kW	HP	l/min.	m³/min.	c.f.m.	bar	p.s.i.		dB(A)	G	kg	LxWxH (mm)	kg	LxWxH (mm)
7.5 kW																
SIRIO 8-08	V60NG92N1N164	-	7.5	10	1250	1.25	44	8	116	FS26	68	3/4"	205	820x680x980	219	940x770x1150
SIRIO 8-10	V60NH92N1N164	-	7.5	10	1000	1.00	35	10	145	FS26	68	3/4"	205	820x680x980	219	940x770x1150
SIRIO 8-13	V60NI92N1N164	-	7.5	10	750	0.75	26	13	189	FS26	68	3/4"	205	820x680x980	219	940x770x1150
SIRIO 8-15	V60NI92N1N264	-	7.5	10	670	0.67	24	15	218	FS26	68	3/4"	205	820x680x980	219	940x770x1150
SIRIO 8-08-270	V91NG92N1N144	270	7.5	10	1250	1.25	44	8	116	FS26	68	3/4"	288	1560x680x1510	318	1720x750x1760
SIRIO 8-10-270	V91NH92N1N144	270	7.5	10	1000	1.00	35	10	145	FS26	68	3/4"	288	1560x680x1510	318	1720x750x1760
SIRIO 8-13-270	V91NI92N1N344	270	7.5	10	750	0.75	26	13	189	FS26	68	3/4"	288	1560x680x1510	367	1720x750x1760
SIRIO 8-15-270	V91NI92N1N044	270	7.5	10	670	0.67	24	15	218	FS26	68	3/4"	288	1560x680x1510	367	1720x750x1760
SIRIO 8-08-270 ES	V91NG92N1N244	270	7.5	10	1250	1.25	44	8	116	FS26	68	1"	315	1560x680x1510	345	1720x750x1760
SIRIO 8-10-270 ES	V91NH92N1N244	270	7.5	10	1000	1.00	35	10	145	FS26	68	1"	315	1560x680x1510	345	1720x750x1760
SIRIO 8-13-270 ES	V91NI92N1N244	270	7.5	10	750	0.75	26	13	189	FS26	68	1"	315	1560x680x1510	394	1720x750x1760
SIRIO 8-15-270 ES	V91NI92N1N144	270	7.5	10	670	0.67	24	15	218	FS26	68	1"	315	1560x680x1510	394	1720x750x1760
SIRIO 8-08-500	V83NG92N1N144	500	7.5	10	1250	1.25	44	8	116	FS26	68	3/4"	334	2000x680x1630	374	2070x800x1850
SIRIO 8-10-500	V83NH92N1N144	500	7.5	10	1000	1.00	35	10	145	FS26	68	3/4"	334	2000x680x1630	374	2070x800x1850
SIRIO 8-13-500	V83NI92N1N144	500	7.5	10	750	0.75	26	13	189	FS26	68	3/4"	334	2000x680x1630	374	2070x800x1850
SIRIO 8-08-500 ES	V83NG92N1N244	500	7.5	10	1250	1.25	44	8	116	FS26	68	1"	361	2000x680x1630	401	2070x800x1850
SIRIO 8-10-500 ES	V83NH92N1N244	500	7.5	10	1000	1.00	35	10	145	FS26	68	1"	361	2000x680x1630	401	2070x800x1850
SIRIO 8-13-500 ES	V83NI92N1N244	500	7.5	10	750	0.75	26	13	189	FS26	68	1"	361	2000x680x1630	401	2070x800x1850
11 kW																
SIRIO 11-08	V60NL92N1N164	-	11	15	1650	1.65	58	8	116	FS26	69	3/4"	216	820x680x980	230	940x770x1150
SIRIO 11-10	V60NM92N1N164	-	11	15	1500	1.50	53	10	145	FS26	69	3/4"	216	820x680x980	230	940x770x1150
SIRIO 11-13	V60NN92N1N164	-	11	15	1100	1.10	39	13	189	FS26	69	3/4"	216	820x680x980	230	940x770x1150
SIRIO 11-15	V60NN92N1N264	-	11	15	980	0.98	35	15	218	FS26	69	3/4"	216	820x680x980	230	940x770x1150
SIRIO 11-08-270	V91NL92N1N144	270	11	15	1650	1.65	58	8	116	FS26	69	3/4"	302	1560x680x1510	332	1720x750x1760
SIRIO 11-10-270	V91NM92N1N144	270	11	15	1500	1.50	53	10	145	FS26	69	3/4"	302	1560x680x1510	332	1720x750x1760
SIRIO 11-13-270	V91NN92N1N344	270	11	15	1100	1.10	39	13	189	FS26	69	3/4"	302	1560x680x1510	381	1720x750x1760
SIRIO 11-15-270	V91NN92N1N044	270	11	15	980	0.98	35	15	218	FS26	69	3/4"	302	1560x680x1510	381	1720x750x1760
SIRIO 11-08-270 ES	V91NL92N1N244	270	11	15	1650	1.65	58	8	116	FS26	69	1"	329	1560x680x1510	359	1720x750x1760
SIRIO 11-10-270 ES	V91NM92N1N244	270	11	15	1500	1.50	53	10	145	FS26	69	1"	329	1560x680x1510	359	1720x750x1760
SIRIO 11-13-270 ES	V91NN92N1N244	270	11	15	1100	1.10	39	13	189	FS26	69	1"	329	1560x680x1510	359	1720x750x1760
SIRIO 11-15-270 ES	V91NN92N1N144	270	11	15	980	0.98	35	15	218	FS26	69	1"	329	1560x680x1510	359	1720x750x1760
SIRIO 11-08-500	V83NL92N1N144	500	11	15	1650	1.65	58	8	116	FS26	69	3/4"	353	2000x680x1630	393	2070x800x1850
SIRIO 11-10-500	V83NM92N1N144	500	11	15	1500	1.50	53	10	145	FS26	69	3/4"	353	2000x680x1630	393	2070x800x1850
SIRIO 11-13-500	V83NN92N1N144	500	11	15	1100	1.10	39	13	189	FS26	69	3/4"	353	2000x680x1630	393	2070x800x1850
SIRIO 11-08-500 ES	V83NL92N1N244	500	11	15	1650	1.65	58	8	116	FS26	69	1"	380	2000x680x1630	420	2070x800x1850
SIRIO 11-10-500 ES	V83NM92N1N244	500	11	15	1500	1.50	53	10	145	FS26	69	1"	380	2000x680x1630	420	2070x800x1850
SIRIO 11-13-500 ES	V83NN92N1N244	500	11	15	1100	1.10	39	13	189	FS26	69	1"	380	2000x680x1630	420	2070x800x1850
15 kW																
SIRIO 15-08	V60NP92N1N164	-	15	20	2150	2.15	76	8	116	FS26	70	3/4"	220	820x680x980	234	940x770x1150
SIRIO 15-10	V60NQ92N1N164	-	15	20	1850	1.85	65	10	145	FS26	70	3/4"	220	820x680x980	234	940x770x1150
SIRIO 15-13	V60NR92N1N164	-	15	20	1500	1.50	53	13	189	FS26	70	3/4"	220	820x680x980	234	940x770x1150
SIRIO 15-15	V60NR92N1N264	-	15	20	1300	1.30	46	15	218	FS26	70	3/4"	220	820x680x980	234	940x770x1150
SIRIO 15-08-500	V83NP92N1N144	500	15	20	2150	2.15	76	8	116	FS26	70	3/4"	383	2000x680x1630	423	2070x800x1850
SIRIO 15-10-500	V83NQ92N1N144	500	15	20	1850	1.85	65	10	145	FS26	70	3/4"	383	2000x680x1630	423	2070x800x1850
SIRIO 15-13-500	V83NR92N1N144	500	15	20	1500	1.50	53	13	189	FS26	70	3/4"	383	2000x680x1630	423	2070x800x1850
SIRIO 15-15-500	V83NR92N1N244	500	15	20	1300	1.30	46	15	218	FS26	70	3/4"	383	2000x680x1630	455	2070x800x1850
SIRIO 15-08-500 ES	V83NP92N1N244	500	15	20	2150	2.15	76	8	116	FS26	70	1"	412	2000x680x1630	452	2070x800x1850
SIRIO 15-10-500 ES	V83NQ92N1N244	500	15	20	1850	1.85	65	10	145	FS26	70	1"	412	2000x680x1630	452	2070x800x1850
SIRIO 15-13-500 ES	V83NR92N1N444	500	15	20	1500	1.50	53	13	189	FS26	70	1"	412	2000x680x1630	452	2070x800x1850
SIRIO 15-15-500 ES	V83NR92N1N344	500	15	20	1300	1.30	46	15	218	FS26	70	1"	412	2000x680x1630	452	2070x800x1850
SIRIO 16-08	V60NB92N1N164	-	15	20	2350	2.35	83	8	116	FS50	68	3/4"	234	820x680x980	248	940x770x1150
SIRIO 16-10	V60NY92N1N164	-	15	20	2050	2.05	72	10	145	FS50	68	3/4"	234	820x680x980	248	940x770x1150
SIRIO 16-13	V60NW92N1N164	-	15	20	1750	1.75	62	13	189	FS50	68	3/4"	234	820x680x980	248	940x770x1150
SIRIO 16-08-500	V83NB92N1N144	500	15	20	2350	2.35	83	8	116	FS50	68	3/4"	410	2000x680x1630	450	2070x800x1850
SIRIO 16-10-500	V83NY92N1N144	500	15	20	2050	2.05	72	10	145	FS50	68	3/4"	410	2000x680x1630	450	2070x800x1850
SIRIO 16-13-500	V83NW92N1N144	500	15	20	1750	1.75	62	13	189	FS50	68	3/4"	410	2000x680x1630	511	2070x800x1850
SIRIO 16-08-500 ES	V83NB92N1N244	500	15	20	2350	2.35	83	8	116	FS50	68	1"	439	2000x680x1630	479	2070x800x1850
SIRIO 16-10-500 ES	V83NY92N1N244	500	15	20	2050	2.05	72	10	145	FS50	68	1"	439	2000x680x1630	479	2070x800x1850
SIRIO 16-13-500 ES	V83NW92N1N244	500	15	20	1750	1.75	62	13	189	FS50	68	1"	439	2000x680x1630	511	2070x800x1850

Air flow was measured at the following operating pressure values: 8 bar for 8 bar models - 10 bar for 10 bar models - 13 bar for 13 bar models - 15 bar for 15 bar models.
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).

Sirio 18.5 - 22

Construction features and advantages:

- All major components of the compressor, such as the intake regulator, minimum pressure valve and separator block, are designed and manufactured on highly advanced CNC machines.
- The two thermostatically controlled fans cools down the oversized air-oil heat exchanger allowing the compressor to run even in the most severe ambient climatic conditions.
- The wide front and rear panels allow immediate inspection of components, reducing inspection and maintenance time.
- Also available with dryer (ES versions).
- The 22 kW model is also available with variable speed (VS versions).

SIRIO 22-10

Dryer module

The Sirio 18.5 and 22 with dryer module provide clean, dry air that improves the system's reliability, avoids costly downtime and production delays, and safeguards the quality of the final product.

FS50

Air-ends are completely designed and produced in Italy, just as the intake regulator and separator block with minimum pressure valve and thermostatic valve.

SIRIO 18.5-10 ES

18.5-22 kW

Model	Code	Power		Air outflow rate (min.-max. for VS versions)			Max. pressure		Air-end	Sound level	Air outlet	Net weight	Net dimensions	Gross weight	Gross dimensions
		kW	HP	l/min.	m³/min.	c.f.m.	bar	p.s.i.		dB(A)	G	kg	LxWxH (mm)	kg	LxWxH (mm)
18.5 kW															
SIRIO 18.5-08	V60QA92N1NA64	18.5	25	2800	2.80	99	8	116	FS50	66	1"	397	1360x830x1130	470	1530x1000x1380
SIRIO 18.5-10	V60QB92N1NA64	18.5	25	2500	2.50	88	10	145	FS50	66	1"	397	1360x830x1130	470	1530x1000x1380
SIRIO 18.5-13	V60QC92N1NA64	18.5	25	2150	2.15	76	13	189	FS50	66	1"	397	1360x830x1130	470	1530x1000x1380
SIRIO 18.5-15	V60QS92N1NA64	18.5	25	1650	1.65	58	15	218	FS50	66	1"	397	1360x830x1130	470	1530x1000x1380
SIRIO 18.5-08 ES	V60QA92N1NB64	18.5	25	2800	2.80	99	8	116	FS50	66	1" 1/4	447	1740x830x1130	537	2050x1140x1670
SIRIO 18.5-10 ES	V60QB92N1NB64	18.5	25	2500	2.50	88	10	145	FS50	66	1" 1/4	447	1740x830x1130	537	2050x1140x1670
SIRIO 18.5-13 ES	V60QC92N1NB64	18.5	25	2150	2.15	76	13	189	FS50	66	1" 1/4	447	1740x830x1130	537	2050x1140x1670
22 kW															
SIRIO 22-08	V60QD92N1NA64	22	30	3350	3.35	118	8	116	FS50	68	1"	419	1360x830x1130	492	1530x1000x1380
SIRIO 22-10	V60QE92N1NA64	22	30	3000	3.00	106	10	145	FS50	68	1"	419	1360x830x1130	492	1530x1000x1380
SIRIO 22-13	V60QF92N1NA64	22	30	2400	2.40	85	13	189	FS50	68	1"	419	1360x830x1130	492	1530x1000x1380
SIRIO 22-15	V60QK92N1NA64	22	30	1970	1.97	70	15	218	FS50	68	1"	419	1360x830x1130	492	1530x1000x1380
SIRIO 22-08 ES	V60QD92N1NB64	22	30	3350	3.35	118	8	116	FS50	68	1" 1/4	469	1740x830x1130	559	2050x1140x1670
SIRIO 22-10 ES	V60QE92N1NB64	22	30	3000	3.00	106	10	145	FS50	68	1" 1/4	469	1740x830x1130	559	2050x1140x1670
SIRIO 22-13 ES	V60QF92N1NB64	22	30	2400	2.40	85	13	189	FS50	68	1" 1/4	469	1740x830x1130	559	2050x1140x1670
SIRIO 22-08 VS	V60QD97N1NA64	22	30	1350-3350	1.35-3.35	48-118	8	116	FS50	68	1"	437	1360x830x1130	519	1530x1000x1380
SIRIO 22-10 VS	V60QE97N1NA64	22	30	1220-3050	1.22-3.05	43-108	10	145	FS50	68	1"	437	1360x830x1130	519	1530x1000x1380
SIRIO 22-08 ES VS	V60QD97N1NB64	22	30	1350-3350	1.35-3.35	48-118	8	116	FS50	68	1" 1/4	487	1740x830x1130	586	2050x1140x1670
SIRIO 22-10 ES VS	V60QE97N1NB64	22	30	1220-3050	1.22-3.05	43-108	10	145	FS50	68	1" 1/4	487	1740x830x1130	586	2050x1140x1670

Air flow was measured at the following operating pressure values (fixed speed versions): 8 bar for 8 bar models - 10 bar for 10 bar models - 13 bar for 13 bar models - 15 bar for 15 bar models.
Air flow was measured at the following operating pressure values (variable speed versions): 7.5 bar for 8 bar models - 9.5 bar for 10 bar models.
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).

ETIV electronic controller
Available functions: weekly programmable timer, remote control, autorestart after power failure, maintenance planning, alarm log, multi-level diagnostics, phase sequence relay to check air-end direction of rotation.

Belt transmission
Transmission between air-end and electric motor is performed by Poly-V belts, ensuring long life and minimum maintenance.

Minimum pressure valve
Built with oxidation resistant materials, the valve is machined from solid. A great manufacturing attention to ensure operations even in extreme conditions.

Intake regulator
The electro-pneumatic system regulating the compressor functioning ensures the minimum required pressure during idle running and maximum energy savings.

Radial fan
The compressor cabinet is cooled by two radial fans directly controlled by the ETIV, in order to quickly reach and maintain the operating temperature ideal for efficient operation.

Pre-filtering panel
The ventilation circuit is completed by a pre-filtering panel (standard on all models) that separates incoming dust and keeps the inside of the machine clean.

Sirio 31 - 38

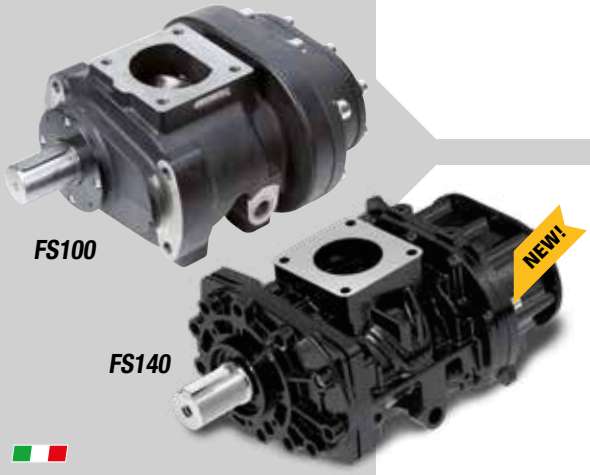
Construction features and advantages:

- All major components of the compressor, such as the intake regulator, minimum pressure valve and separator block, are manufactured on highly advanced CNC machines.
- The thermostatically controlled fan cools down the oversized air-oil heat exchanger allowing the compressor to run even in the most severe ambient climatic conditions.
- The wide front and rear panels allow immediate inspection of components, reducing inspection and maintenance time.
- Transmission between the air-end and electric motor is performed by the Poly-V belt, characterised by long service life and minimal maintenance.
- Also available with dryer (ES versions).
- Also available with variable speed (VS versions).

SIRIO 31-10

Dryer module

The Sirio 31 and 38 models with dryer module provide clean, dry air that improves the system's reliability, avoids costly downtime and production delays, and safeguards the quality of the final product.



FS100

FS140

NEW!

SIRIO 38-10 ES

Our air-ends are entirely designed and made in Italy, just as the intake regulator and separator block with minimum pressure valve.
FS100 is installed on all Sirio 31 models, FS140 is installed on all Sirio 38 models.

30-37 kW

Model	Code	Power		Air outflow rate (min.-max. for VS versions)			Max. pressure		Air-end	Sound level	Air outlet	Net weight	Net dimensions	Gross weight	Gross dimensions
		kW	HP	l/min.	m^3/min.	c.f.m.	bar	p.s.i.		dB(A)	G	kg	LxWxH (mm)	kg	LxWxH (mm)
30 kW															
SIRIO 31-08	V60BU92N1NA64	30	40	4700	4.70	166	8	116	FS100	70	1" 1/4	663	1530x880x1440	737	1690x1030x1730
SIRIO 31-10	V60BV92N1NA64	30	40	4200	4.20	148	10	145	FS100	70	1" 1/4	663	1530x880x1440	737	1690x1030x1730
SIRIO 31-13	V60BW92N1NA64	30	40	3400	3.40	120	13	189	FS100	70	1" 1/4	663	1530x880x1440	737	1690x1030x1730
SIRIO 31-08 ES	V60BU92N1NB64	30	40	4700	4.70	166	8	116	FS100	70	1" 1/2	728	1860x910x1440	818	2050x1140x1670
SIRIO 31-10 ES	V60BV92N1NB64	30	40	4200	4.20	148	10	145	FS100	70	1" 1/2	728	1860x910x1440	818	2050x1140x1670
SIRIO 31-13 ES	V60BW92N1NB64	30	40	3400	3.40	120	13	189	FS100	70	1" 1/2	728	1860x910x1440	818	2050x1140x1670
SIRIO 31-08 VS	V60BU97N1N464	30	40	1700-4700	1.70-4.70	60-166	8	116	FS100	67	1" 1/4	695	1530x880x1440	756	1690x1030x1730
SIRIO 31-10 VS	V60BV97N1N464	30	40	1500-4200	1.50-4.20	53-148	10	145	FS100	68	1" 1/4	695	1530x880x1440	756	1690x1030x1730
SIRIO 31-13 VS	V60BW97N1N464	30	40	1300-3400	1.30-3.40	46-120	13	189	FS100	64	1" 1/4	695	1530x880x1440	756	1690x1030x1730
37 kW															
SIRIO 38-08	V60BK92N1NA64	37	50	6000	6.00	212	7,5	109	FS140	68	1" 1/4	724	1530x880x1440	798	1690x1030x1730
SIRIO 38-10	V60BJ92N1NA64	37	50	5300	5.30	187	10	145	FS140	68	1" 1/4	724	1530x880x1440	798	1690x1030x1730
SIRIO 38-13	V60BI92N1NA64	37	50	4000	4.00	141	13	189	FS140	68	1" 1/4	724	1530x880x1440	798	1690x1030x1730
SIRIO 38-08 ES	V60BK92N1NB64	37	50	6000	6.00	212	7,5	109	FS140	68	1" 1/2	789	1860x910x1440	879	2050x1140x1670
SIRIO 38-10 ES	V60BJ92N1NB64	37	50	5300	5.30	187	10	145	FS140	68	1" 1/2	789	1860x910x1440	879	2050x1140x1670
SIRIO 38-13 ES	V60BI92N1NB64	37	50	4000	4.00	141	13	189	FS140	68	1" 1/2	789	1860x910x1440	879	2050x1140x1670
SIRIO 38-08 VS	V60BK97N1NA64	37	50	2400-6000	2.40-6.00	85-212	8	116	FS140	68	1" 1/4	748	1530x880x1440	817	1690x1030x1730
SIRIO 38-10 VS	V60BJ97N1NA64	37	50	2100-5300	2.10-5.30	74-187	10	145	FS140	68	1" 1/4	748	1530x880x1440	817	1690x1030x1730
SIRIO 38-08 ES VS	V60BK97N1NB64	37	50	2400-6000	2.40-6.00	85-212	8	116	FS140	68	1" 1/2	813	1860x910x1440	898	2050x1140x1670
SIRIO 38-10 ES VS	V60BJ97N1NB64	37	50	2100-5300	2.10-5.30	74-187	10	145	FS140	68	1" 1/2	813	1860x910x1440	898	2050x1140x1670

Air flow was measured at the following operating pressure values:
- 30 kW fixed speed versions: 8 bar for 8 bar models - 10 bar for 10 bar models - 13 bar for 13 bar models.
- 30 kW variable speed versions: 7.5 bar for 8 bar models - 9.5 bar for 10 bar models - 12.5 bar for 13 bar models.
- 37 kW fixed speed versions: 7.5 bar for 7.5 bar models - 10 bar for 10 bar models - 13 bar for 13 bar models.
- 37 kW variable speed versions: 7.5 bar for 8 bar models - 9.5 bar for 10 bar models.
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).

ETIV electronic controller
Available functions: weekly programmable timer, remote control, autorestart after power failure, maintenance planning, alarm log, multi-level diagnostics, phase sequence relay to check air-end direction of rotation.

Radial fan
The radial fan ensures the ideal operating temperature, even in extreme operating conditions.

Oil filter and oil separator filter
Both spin-on type, ensure maximum efficiency and ease of maintenance.

Intake regulator
The electro-pneumatic system regulating the compressor functioning ensures the minimum required pressure during idle running and maximum energy savings.

Ease of maintenance
All of the internal mechanical and service parts are easy to access, for fast and simple routine maintenance.

Minimum pressure valve
Built with oxide free material, fully machined. An ideal technical solution to provide maximum reliability in any operational conditions.

Sirio 45 - 55 - 56 - 75

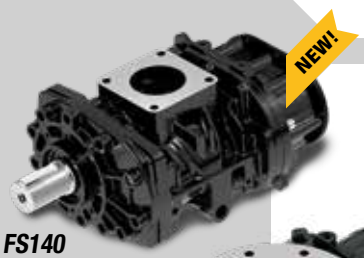
Construction features and advantages:

- The superior components and the compact internal layout make this range of compressors stand out in terms of high performances and minimum footprint.
- The cooling air flow, channelled by the thermostatically controlled radial fan, cools down an oversized combined oil/ air exchanger: this permits the compressor to operate in severe temperature conditions.
- The cabinet is fitted with a pre-filtering panel that separates incoming dust and keeps the inside of the machine clean, ensuring a longer service life and easier maintenance.
- The wide front and rear panels allow immediate inspection of components, reducing inspection and maintenance time.
- The 55 and 75 kW models are also available with variable speed (Sirio 56 and 75 VS).

SIRIO 75-10

SUPER PREMIUM IE4 EFFICIENCY MOTOR

The Sirio 75 ensure significant energy savings, thanks to the IE4 "Super Premium Efficiency" class motor.



FS140

FS270

The FS140 air-end is installed on all Sirio 45 and 55 models. The FS270 air-end is installed on all Sirio 56 and 75 models.

SIRIO 55-10

45-75 kW

Model	Code	Power		Air outflow rate (min.-max. for VS versions)			Max. pressure		Air-end	Sound level	Air outlet	Net weight	Net dimensions	Gross weight	Gross dimensions
		kW	HP	l/min.	m³/min.	c.f.m.	bar	p.s.i.		dB(A)	G	kg	LxWxH (mm)	kg	LxWxH (mm)
45 kW															
SIRIO 45-08	V60BM92N1NA64	45	60	7200	7.20	254	7.5	109	FS140	72	1" 1/2	946	1590x1000x1570	1032	1800x1200x2110
SIRIO 45-10	V60BN92N1NA64	45	60	6500	6.50	230	10	145	FS140	72	1" 1/2	946	1590x1000x1570	1032	1800x1200x2110
SIRIO 45-13	V60BQ92N1NA64	45	60	5100	5.10	180	13	189	FS140	72	1" 1/2	946	1590x1000x1570	1032	1800x1200x2110
55 kW															
SIRIO 55-08	V60BR92N1NA64	55	75	8600	8.60	304	7.5	109	FS140	74	1" 1/2	1009	1590x1000x1570	1095	1800x1200x2110
SIRIO 55-10	V60BS92N1NA64	55	75	7800	7.80	275	10	145	FS140	74	1" 1/2	1009	1590x1000x1570	1095	1800x1200x2110
SIRIO 55-13	V60BT92N1NA64	55	75	6400	6.40	226	13	189	FS140	74	1" 1/2	1009	1590x1000x1570	1095	1800x1200x2110
SIRIO 56-08	V60BA92N1NA64	55	75	9300	9.30	328	7.5	109	FS270	70	2"	1360	1800x1140x1860	1470	2000x1290x2270
SIRIO 56-10	V60BB92N1NA64	55	75	8300	8.30	293	10	145	FS270	70	2"	1360	1800x1140x1860	1470	2000x1290x2270
SIRIO 56-13	V60BC92N1NA64	55	75	7000	7.00	247	13	189	FS270	70	2"	1360	1800x1140x1860	1470	2000x1290x2270
SIRIO 56-08 VS	V60BA97N1NA64	55	75	3700-9300	3.70-9.30	131-328	8	116	FS270	70	2"	1396	1800x1140x1860	1515	2000x1290x2270
SIRIO 56-10 VS	V60BB97N1NA64	55	75	3300-8300	3.30-8.30	117-293	10	145	FS270	70	2"	1396	1800x1140x1860	1515	2000x1290x2270
75 kW															
SIRIO 75-08	V60BD92N1NA64	75	100	12200	12.20	431	7.5	109	FS270	72	2"	1470	1800x1140x1860	1580	2000x1290x2270
SIRIO 75-10	V60BE92N1NA64	75	100	10500	10.50	371	10	145	FS270	72	2"	1470	1800x1140x1860	1580	2000x1290x2270
SIRIO 75-13	V60BF92N1NA64	75	100	8300	8.30	293	13	189	FS270	72	2"	1470	1800x1140x1860	1580	2000x1270x2270
SIRIO 75-08 VS	V60BD97N1NA64	75	100	4800-12200	4.80-12.20	170-431	8	116	FS270	72	2"	1506	1800x1140x1860	1645	2000x1290x2270
SIRIO 75-10 VS	V60BE97N1NA64	75	100	4200-10500	4.20-10.50	148-371	10	145	FS270	72	2"	1506	1800x1140x1860	1645	2000x1290x2270

Air flow was measured at the following operating pressure values:
- fixed speed versions: 7.5 bar for 7.5 bar models - 10 bar for 10 bar models - 13 bar for 13 bar models.
- variable speed versions: 7.5 bar for 8 bar models - 9.5 bar for 10 bar models
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).

ETIV electronic controller
Available functions: weekly programmable timer, remote control, autorestart after power failure, maintenance planning, alarm log, multi-level diagnostics, phase sequence relay to check air-end direction of rotation.

Radial fan
The radial fan ensures the ideal operating temperature, even in extreme operating conditions.

Easy to transport
The basement has been designed to allow the compressor to be lifted from the forklift both frontally and laterally, simply by removing the cover panels which, when installed, silence the machine.
(Sirio 45-55 only).

Minimum pressure valve
Separator block including minimum pressure valve. Double separator filter for long service life and high quality compressed air.

Intake regulator
The electro-pneumatic system regulating the compressor functioning ensures the minimum required pressure during idle running and maximum energy savings.

Reliable transmission
Transmission between air-end and electric motor is performed by Poly-V belt, ensuring long life and minimum maintenance.

- FSN is the brand of the original spare parts for NUAIR compressors and identifies after-sales services. It guarantees that the components are original and that they were carefully selected, checked and tested by skilled technicians. Using FSN certified original spare parts reduces management costs and guarantees the efficiency, reliability and longevity of the compressor.
- The parts are stored in our centralised and automated "LOGIMAT" warehouse in Zola Predosa (BO), where over 12,000 codes are handled every day on 10,000 square metres.
- Specialised staff is constantly in contact with our worldwide distribution centres to deliver spare parts as fast as possible.

Long Life Kit

- To make it easier to replace components throughout the various maintenance intervals specified in the user manuals, NUAIR has developed Long Life Kits, advantageous and specifically created for all screw compressor models, including the necessary filters for the various scheduled operations. Using FSN Long Life Kits ensures long-lasting maximum performance of the compressor. You can download the LLK catalogues from the website www.nuair.it and see the exploded drawings and spare parts, constantly updated for each compressor model.

Oil

- Our FSN lubricants, selected from the world's best manufacturers, are specifically designed for use in our screw compressors. They are available in cans or drums.

The use of low-quality lubricants may cause irreparable damages to the compressor or lead to unforeseen repair and maintenance costs.
The original FSN lubricants, with synthetic or mineral base, have been specifically designed for use on our screw compressors, supplied by the world leading manufacturers to maintain efficiency and reliability over time.

#600000020	1 x 3.8-litre can (3.3 kg)
#600000021	1 x 20-litre can (17.36 kg)
#600000022	1 x 200-litre drum (174 kg)

RotarECOFLUID 46 cSt mineral oil

Formulated with high quality selected mineral oil, this lubricant offers optimal control of oxidation and residue deposits as well as an excellent level of thermal stability and oxidation to ensure the longevity of equipment and continued high performance.

#600000018A	1 x 3.8-litre can (3.25 kg)
#600000007A	1 x 19-litre can (16 kg)
#600000012A	1 x 208-litre drum (181 kg)

RotEnergyPlus 46 cSt synthetic oil

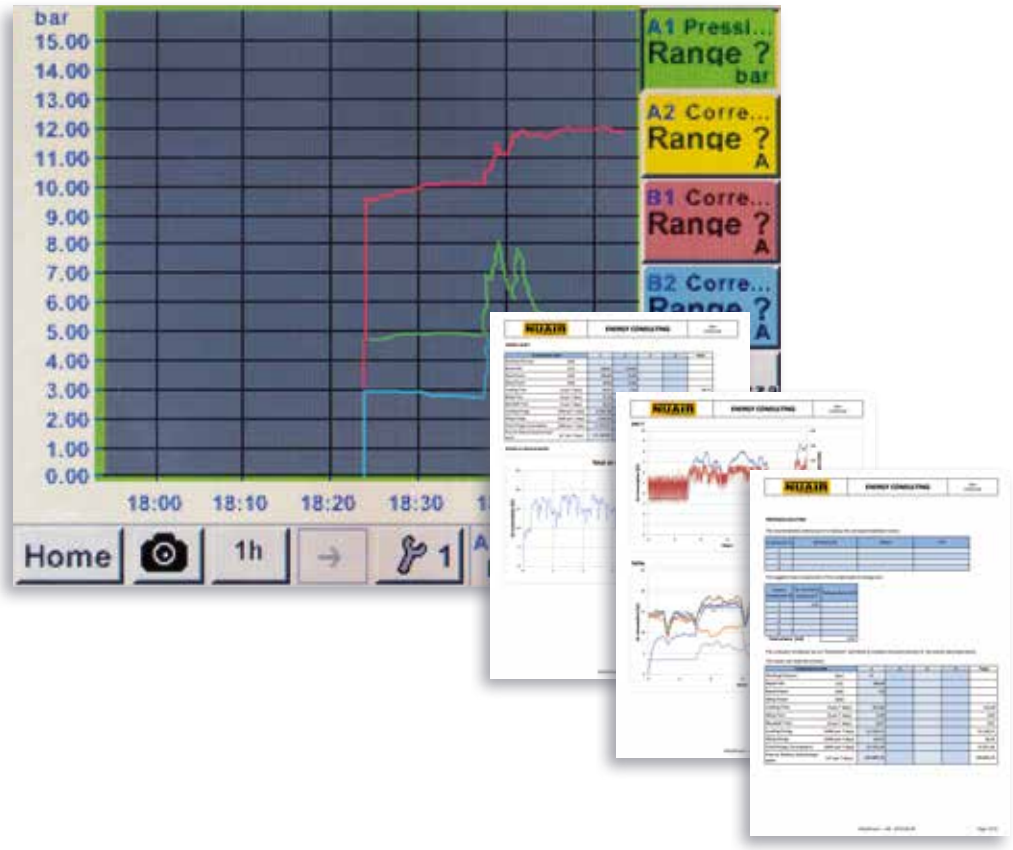
Ensures quick water separation with reduced friction and energy consumption, provides long maintenance intervals and ensures excellent lubrication of the bearings while offering an excellent protection throughout.

#600000019A	1 x 3.9-litre can (3.25 kg)
#600000016A	1 x 19-litre can (18.5 kg)
#600000017A	1 x 208-litre drum (175 kg)

RotEnergyFood 46 cSt synthetic oil

A high quality lubricant for rotary compressors, suitable for use in the food industry, where specific quality standards are required.

We recommend changing synthetic or mineral oil according to the schedule provided in the compressor use and maintenance manual, or once a year. We recommend using our mineral RotarECOFLUID oil or synthetic RotEnergy oil.
(OILS ARE NOT INCLUDED IN LONG LIFE KITS).



EA 400 **cod. 9062747**	**Ideal for compressors' rooms up to 3 units** 4 analogue inputs: - 3 measuring clamps - 1 pressure sensor 1 extension for cables (10m long) 4.3" colour touch screen display
EA 500 **cod. 9062748**	**Ideal for compressors' rooms up to 4 units** 5 analogue inputs: - 4 measuring clamps - 1 pressure sensor 2 extensions for cables (10m long) 7" colour touch screen display

- Compressed air is an essential resource in industrial applications, as well as one of the main sources of energy consumption.
  Energy costs are constantly increasing, therefore it is a fundamental need to monitor, analyse and reduce the energy consumption of the compressed air system.
  This not only applies for large companies, but equally for medium and small-sized facilities.

Why run an energy audit?

- The energy efficiency of a compressed air system within a production facility, is a large influence on the company's entire production process, in terms of the potential for increased efficiency and reducing costs.
- The energy audit is a process, that identifies potential efficiency improvements. The report that we provide allows our customer to accurately identify the amount of energy being used nd wasted, the energy that may be saved, along with suitable alternative equipment and controls to maximise energy efficiency, specific to the exact requirements and operational characteristics of the application.

Our experience at your service

- Thanks to the consolidated experience in the industrial sector, NUAIR can provide companies with a detection and analysis service for professional auditing (EATool).

Protect your investment, extend the Warranty up to 5 years!

When installing your new NUAIR screw compressor, join the "Trust" Warranty 3- to 5-year extension program to benefit from countless advantages by maximising the effectiveness, safety, and duration over time of your investment. Thanks to scheduled maintenance programs, exclusively performed by NUAIR Authorised Assistance Centres, you can rely on a timely, highly professional service, as well as on the use of only original spare parts guaranteed by the FSN brand.

★ ***Easy and fast online activation.***

★ ***You can choose to extend warranty to 3 or 5 years.***

★ ***Lower maintenance costs as a result of using original spare parts.***

★ ***Qualified assistance by authorised technicians.***

The "Trust" warranty can be easily extended online through **EasyConnect**, the new NUAIR online service portal specially created to simplify customers' lives by providing them with quick, clear responses about product availability, order management, and goods shipping times.

Customer Care

Besides manufacturing products of the highest quality and technological content, NUAIR offers its Customers a service that meets their demands. The first objective is to guarantee an all-round technical and marketing support, identifying their needs and offering the most suitable solutions, nurturing a relation of mutual cooperation and trust over time.

“Hot-Line” service: fast shipment of spare parts

Our “Hot-Line” service is able to prepare and ship within the same day urgent orders for spare parts .

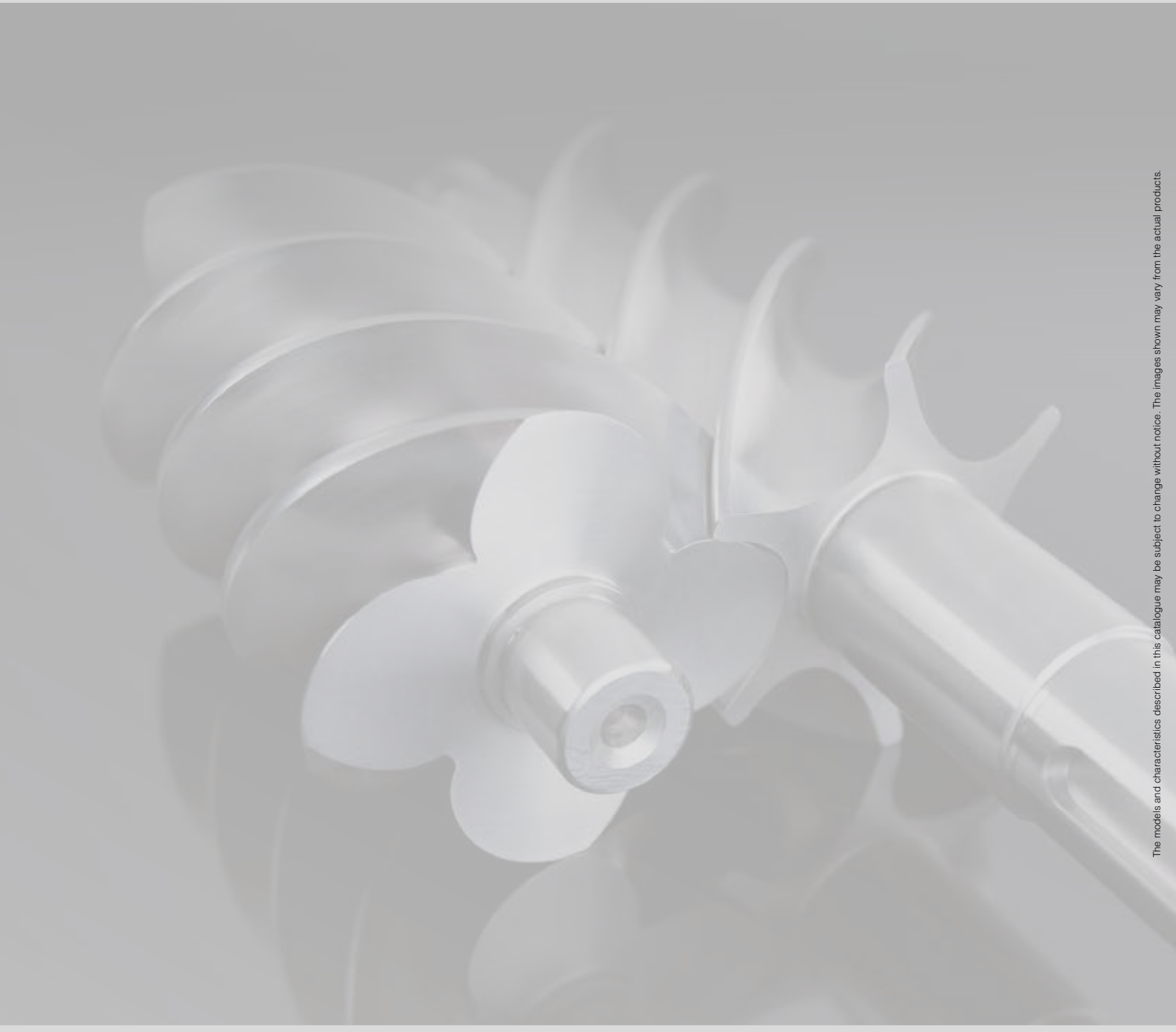
A world of tailor-made services for our customers.

NUAIR has a competent and motivated team capable of providing various types of support: telephone help desk, on-site technical consultancy, customised quotes, turnkey projects, maintenance programmes, refresher courses, etc.

On-line consultation of spare parts and exploded views

On the NUAIR website you can, at any time, consult all information relating to exploded views and spare parts list for each compressor model.

www.nuair.it



The models and characteristics described in this catalogue may be subject to change without notice. The images shown may vary from the actual products.

FNA S.p.A. Via Einaudi, 6 10070 Robassomero Torino Italy
T: +39 011 92 33 000 F: +39 011 92 41 138
BOLOGNA PLANT:
Via Toscana, 21 40069 Zola Predosa Bologna Italy
T: +39 051 61 68 111 F: +39 051 75 24 08
info@fnacompressors.com - www.fnacompressors.com

NUAIR COMPRESSORS

a brand of FNA by Bolmec Family

THE WIND OF CHANGE.

www.nuair.it

Authorized distributor:

05/2024 - **9990342/A**