

NEW



Rotary screw compressors with direct drive transmission

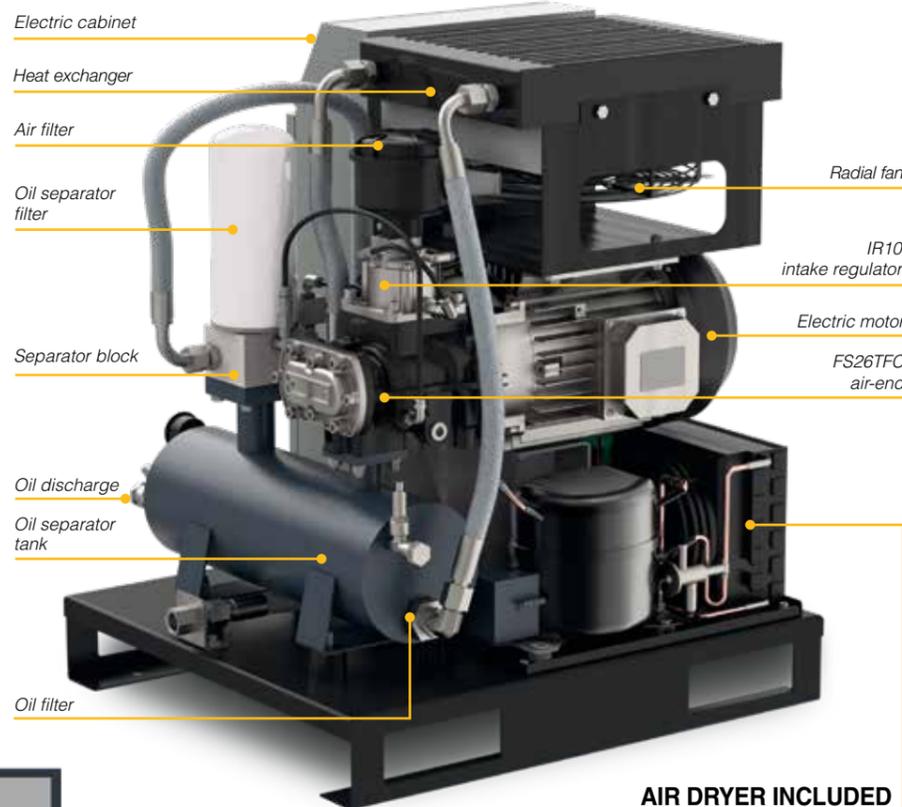


4-7.5 kW

ORION

EXCELLENT PERFORMANCE

The ORION range represents a new point of reference in the world of industrial compressed air. As a result of the gearless coaxial drive system, all the power of the electric motor is transferred to the air-end without losing efficiency and ensuring top operating reliability. ORION compressors are designed to run continuously under the most severe conditions of use, with special attention to energy consumption, quiet operation, reduced operating and maintenance costs, and ease of installation and use.



AIR DRYER INCLUDED

The "ES" version has the refrigerated dryer - with dedicated controller and power supply - entirely enclosed within the main cabinet, while maintaining the same shape and dimensions of the machine. It is immediately ready for operation, without any additional installation costs.



ETMII

Electronic controller with backlit multi-function display; the menu is alphanumeric.

Measures and displays:

- Operating pressure (load / no-load);
- Oil temperature;
- Total operation hours;
- Load operation hours;
- Four maintenance timers (air filter, oil, oil filter, separator filter);
- Auto-restart after power failure.
- Programmable cooling fan temperature;
- Programmable remote control starting of the compressor;
- Integrated phase sequence relay.

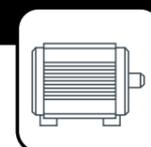
2-YEAR WARRANTY on the controller and air-end



63 dB(A) only



all in one



4÷7.5 kW



10 Bar



continuous duty



270-lt galvanized tank
ORION is also available with 270-lt galvanized tank.



500-lt tank

SIMPLIFIED MAINTENANCE

Routine maintenance parts are easily accessible and simple to replace, ensuring long service intervals and keeping maintenance costs low.

PLUG&PLAY
ORION is ready for use: it is supplied already equipped with RotarECOFLUID mineral oil.

ORION

Code	Air receiver	Power		Power supply	Air outflow rate			Max. pressure	Sound level	Con-nection	Net weight	Net dimensions	Gross weight	Gross dimensions		
		I	KW		HP	V/Ph/Hz	l/min.								m ³ /min.	c.f.m.
FLOOR MOUNTED																
ORION 4.0-10	V51PD92N1N043	-	4	5.5	400/3/50	460	0.46	16.2	10	145	63	1/2"	98	650x580x750	109	720x670x970
ORION 4.0-10 ES	V51PD92N1N143	-	4	5.5	400/3/50	460	0.46	16.2	10	145	63	1/2"	119	650x580x750	130	720x670x970
ORION 5.5-10	V51PE92N1N043	-	5.5	7.5	400/3/50	705	0.705	24.9	10	145	68	1/2"	100	650x580x750	111	720x670x970
ORION 5.5-10 ES	V51PE92N1N143	-	5.5	7.5	400/3/50	705	0.705	24.9	10	145	68	1/2"	121	650x580x750	132	720x670x970
ORION 7.5-10	V51PO92N1N043	-	7.5	10	400/3/50	1050	1.05	37.1	10	145	67	1/2"	112	650x580x750	123	720x670x970
ORION 7.5-10 ES	V51PO92N1N143	-	7.5	10	400/3/50	1050	1.05	37.1	10	145	67	1/2"	133	650x580x750	144	720x670x970
WITH PAINTED TANK																
ORION 4.0-10-270	V91PD92N1N044	270	4	5.5	400/3/50	460	0.46	16.2	10	145	63	1/2"	182	1200x600x1450	210	1320x850x1720
ORION 4.0-10-270 ES	V91PD92N1N144	270	4	5.5	400/3/50	460	0.46	16.2	10	145	63	1/2"	203	1200x600x1450	231	1320x850x1720
ORION 5.5-10-270	V91PE92N1N044	270	5.5	7.5	400/3/50	705	0.705	24.9	10	145	68	1/2"	182	1200x600x1450	210	1320x850x1720
ORION 5.5-10-270 ES	V91PE92N1N144	270	5.5	7.5	400/3/50	705	0.705	24.9	10	145	68	1/2"	203	1200x600x1450	231	1320x850x1720
ORION 7.5-10-270	V91PO92N1N044	270	7.5	10	400/3/50	1050	1.05	37.1	10	145	67	1/2"	194	1200x600x1450	222	1320x850x1720
ORION 7.5-10-270 ES	V91PO92N1N144	270	7.5	10	400/3/50	1050	1.05	37.1	10	145	67	1/2"	215	1200x600x1450	243	1320x850x1720
ORION 7.5-10-500	V83PO92N1N044	500	7.5	10	400/3/50	1050	1.05	37.1	10	145	67	1/2"	239	2000x600x1450	279	2070x800x1680
ORION 7.5-10-500 ES	V83PO92N1N144	500	7.5	10	400/3/50	1050	1.05	37.1	10	145	67	1/2"	260	2000x600x1450	300	2070x800x1680
WITH GALVANIZED TANK																
ORION 4.0-10-270 Z	V91PD92N1N244	270	4	5.5	400/3/50	460	0.46	16.2	10	145	63	1/2"	182	1200x600x1450	210	1320x850x1720
ORION 4.0-10-270 ES Z	V91PD92N1N344	270	4	5.5	400/3/50	460	0.46	16.2	10	145	63	1/2"	203	1200x600x1450	231	1320x850x1720
ORION 5.5-10-270 Z	V91PE92N1N244	270	5.5	7.5	400/3/50	705	0.705	24.9	10	145	68	1/2"	182	1200x600x1450	210	1320x850x1720
ORION 5.5-10-270 ES Z	V91PE92N1N344	270	5.5	7.5	400/3/50	705	0.705	24.9	10	145	68	1/2"	203	1200x600x1450	231	1320x850x1720
ORION 7.5-10-270 Z	V91PO92N1N244	270	7.5	10	400/3/50	1050	1.05	37.1	10	145	67	1/2"	194	1200x600x1450	222	1320x850x1720
ORION 7.5-10-270 ES Z	V91PO92N1N344	270	7.5	10	400/3/50	1050	1.05	37.1	10	145	67	1/2"	215	1200x600x1450	243	1320x850x1720

ES = with refrigerated dryer, Z = with galvanized tank
Reference conditions: air intake temperature 20°C (68°F) – atmospheric pressure 1 bar (14.5 p.s.i.).
Air flow was measured at 9.5 bar operating pressure.
The data and results were measured in accordance with standard ISO 1217.
The sound level was measured in accordance with standard ISO 3744.

LOW NOISE LEVEL

The new ORION models are available with power from 4 to 7.5 kW and noise level between only 63 and 68 dB(A). The machine has extremely compact and balanced dimensions, even in the tank-mounted version.



40 dB(A)



62 dB(A)



63-68 dB(A)



COMPETITORS
66-77 dB(A)



100 dB(A)



120 dB(A)



We believe in it so much that we guarantee it for 5 years!

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



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The models and characteristics in this catalogue may be subject to change without notice.

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