



/// AIRBLOK DR 403 ÷ 603

Direct drive super silent rotary screw air compressors

Italian technology since 1977 for a choice that lasts overtime



Silentaire Technology
Silent Air Compressors

fiac
AIR COMPRESSORS

AIRBLOK DR

Gear drive super silent rotary screw air compressors

HIGH EFFICIENCY
MOTOR IE3



FIAC rotary screw gear drive compressors of the AIRBLOK DR series are the concrete answer at the requirements of compressed air world ever exi-gent.

The elimination of transmission losses, lower air end rotors speed, the use of components of maximum reliability and the electronic Air Energy Control 3+ allow the long life time without problems and the minimum operation cost.

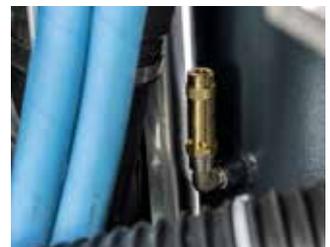
/// Simple installation and easy to use

- Plug-and-play
- Compact design = small footprint
- Plug-and-play integrated dryer
- Integrated WSD and post filter as option
- Easy and fully protected transport
- No special foundation needed
- Controller with integrated connectivity (Touchscreen controller option), easy overview of status on your phone



/// Reliable quality (gear vs. belt)

- Highly reliable gear transmissions, for a quiet and trouble-free operation
- High capacity oil/air coolers, perfect air filtration and cooling guarantee less thermal shocks and a longer lifetime.
- High quality and heavy duty motors with IP55 protection class
- IP54 electrical cubicle
- Internal and external protection for the electric fan



/// Easy to service

- All service components are located at the front of the machine for excellent accessibility, you just have to open the frontal door for an easy access for service or cleaning, easy access of the coolers, oil filter, separator and air filter replacements.
- Oil-level eye at the front
- Easy and quick check thanks to service door and controller
- Service and cleaning is a one person job



/// Increase your productivity and reduce your risk of downtime

- Fast and simple service. Minimum service required during lifetime, only consumables.
- No need for belt tensioning thanks to gear driven transmission. Saving on time, reduce risk for errors and belt misalignment and service costs



/// Saving on your costs

- 3% savings vs. traditional belt drive transmissions
- IE3 motors as standard for Fixed Speed and Variable Speed units
- Variable speed versions (30% savings)

Air Energy Control 3S / Air Energy Control 3T



/// **Air Energy Control 3S**

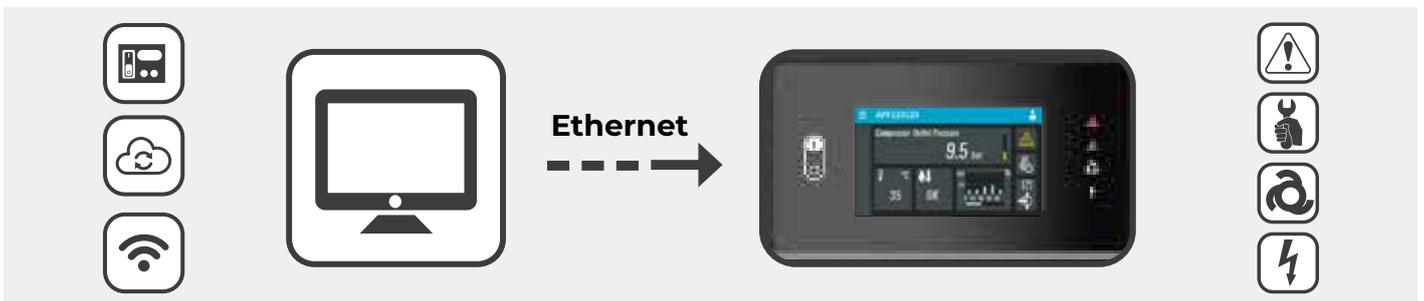


/// **Air Energy Control 3T**

Controller and Connectivity

- **User friendliness**
Simplified display
Touch sliders next to the screen (Air Energy Control 3S) or Full touch screen (Air Energy Control 3T)
2" (Air Energy Control 3S) or 4" (Air Energy Control 3T) display
- **Full control**
Protect the machine with sensors, algorithms,...Clear overview on machine parameters
- **Remote monitoring**
- **Visualization service intervals**
- **Connectivity through ICONS pre-activated**
- **Optional ECO6i**
- **ICONS license is pre-activated in the factory**
- **Standard license: monthly update and service time**

Icons	Icons Right Time	Icons Up Time	Icons Energy
Online service schedule	●	●	●
Event notification	Service event, failure	Service event, failure details, warning details	Service event, failure details, warning details
Online service proposal	●	●	●
Monthly service overview	●	●	●
Monthly energy analysis			●
Website KPI dashboards	Service	Service & availability	Service, availability, usage performance
Price	Free / Free		





- /// Easy access for service from the front panel
- /// No service on transmission
- /// Convenient position of all electrical components
- /// Connectivity as standard feature with new controllers



Product features

Line filters

Eliminate oil and dust from the compressed air to avoid the risk of contamination of your air system and final products.

Air receiver

Buffer storage for your compressed air helps with condensate separation, pressure stabilization and efficient compressor operation.

Oil-water separator

Our oil-water separator captures compressor condensate and separates the oil for safe disposal.

AIRnet

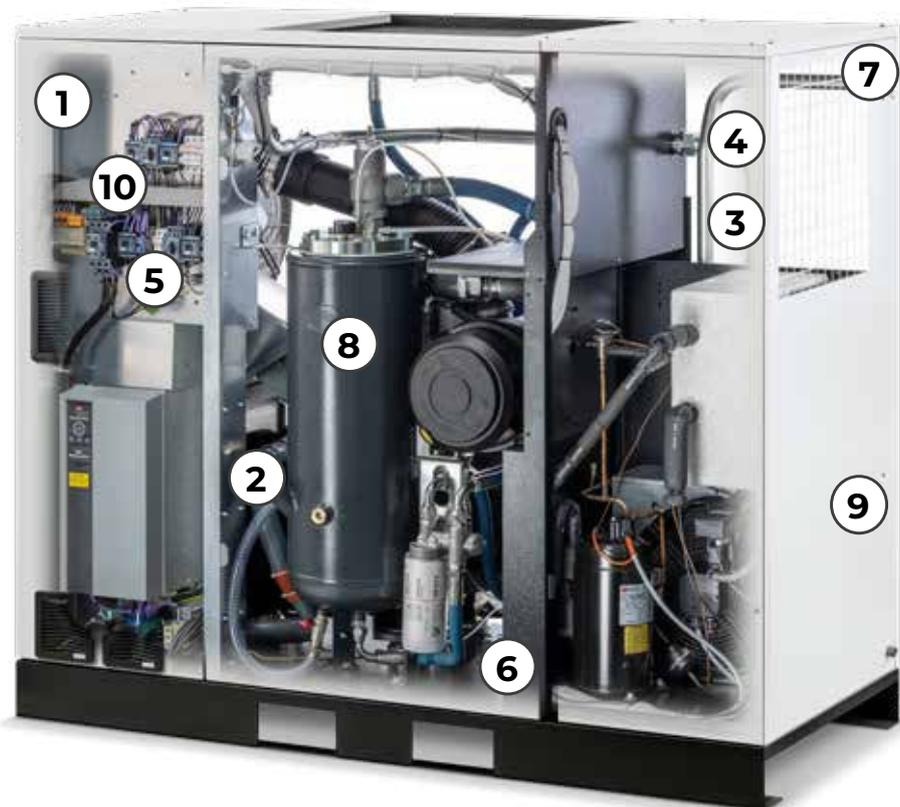
Our easy-to-install piping system distributes your compressed air with maximum efficiency and reliability.

Dryers

You need your compressed air to be dry and clean to protect your pneumatic tools and final products. Fiac offers a range of reliable, highperformance dryers to meet your air quality requirements and air system specifications.



1. ///
Air Energy Control 3T.
2. ///
8000h oil.
3. ///
WSD.
4. ///
WSD + Electronic Drain.
5. ///
Main Switch.
6. ///
Canopy heater.
7. ///
Coalescent G post filter.
8. ///
Oil separator vessel, special approval for separation tank.
9. ///
Wooden crate packaging.
10. ///
ECO6i + Air Energy Control 3T.



1. ///

High quality.

Electrical components.

2. ///

Electric cubicle IP54.

Inverter.

3. ///

Special protection for wires.

4. ///

Heavy duty.

Encapsulated filter.

5. ///

Vertical 3stg separation.OCO < 3 mg/m³

Easy access to fill/drain oil and sight glass.

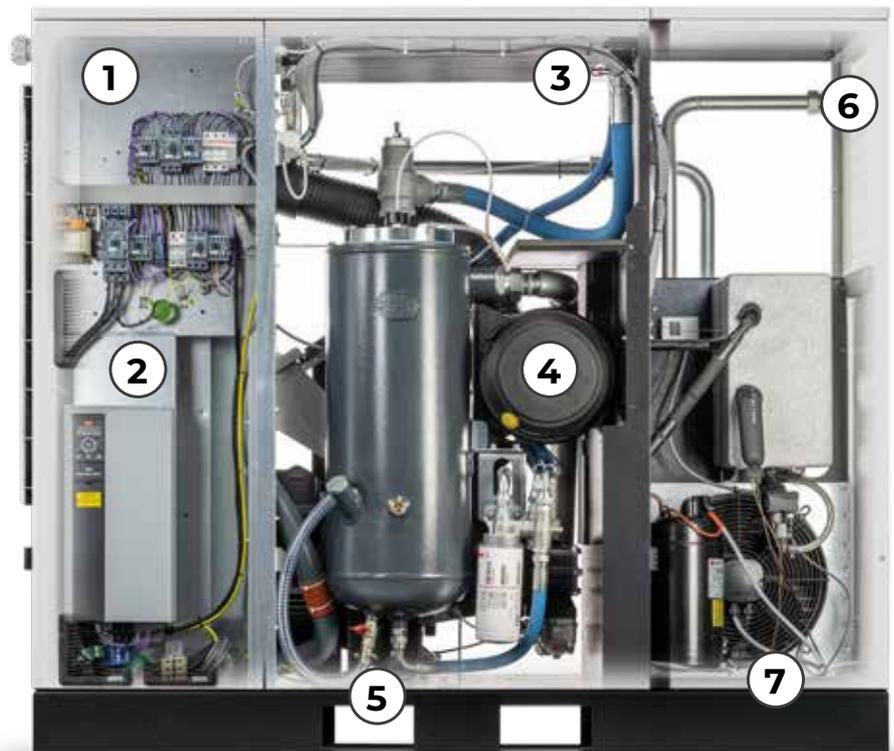
6. ///

Outlet on the side rigid pipe connection.

7. ///

Rotary type refrigerant compressor.

Environment friendly gas.



8. ///

Integrated dryer.

Compact design.

9. ///

Pressure sensor.

10. ///

Steel armoured.

Outlet pipe.

11. ///

Horizontal air-oil cooler.

Large surface.

12. ///

Unloader valve.

Vacuum type.

13. ///

Gear transmission service free.

14. ///

Air inlet from cold area.

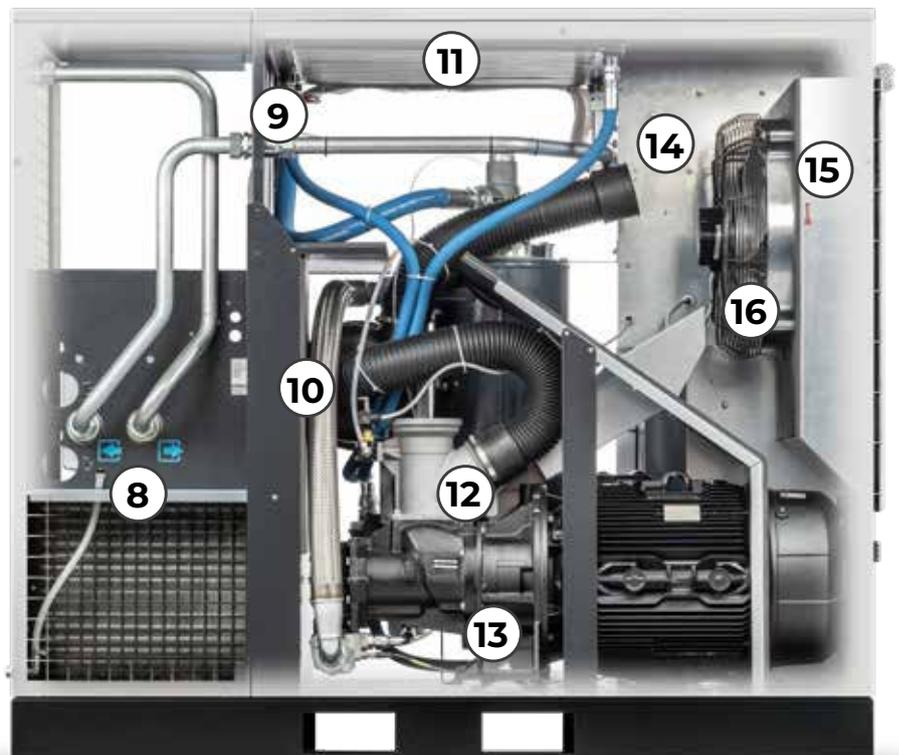
15. ///

Inlet filtration panel.

16. ///

Axial fan.

Independent motor IP54..



AIRBLOK DR 403 ÷ 603

Direct drive

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HIGH EFFICIENCY
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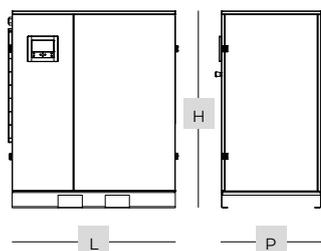
Type	Code						LxPxH						
	EAN CODE	dB (A)	l/min	CFM	m ³ /h	bar	psi	BSP	HP	kW	mm in	kg lb	
AIRBLOK 403 DR	4152035128	on request	5310	188	319	7,5	108						
	4152035129	on request	72	5130	181	308	8,5	123				589	
	4152035130	on request		4560	161	274	10	145	1 1/4"	40	30	1330x830x1555	1299
	4152035131	on request		4020	142	241	13	188					
AIRBLOK 503 DR	4152035132	on request		6600	233	396	7,5	108					
	4152035133	on request	73	6090	215	365	8,5	123					610
	4152035134	on request		5700	201	342	10	145	1 1/4"	50	37	1330x830x1555	1345
	4152035135	on request		5160	182	310	13	188					
AIRBLOK 603 DR	4152035136	on request		7560	267	454	7,5	108					
	4152035137	on request	75	7260	256	436	8,5	123					629
	4152035138	on request		6660	235	400	10	145	1 1/4"	60	45	1330x830x1555	1387
	4152035139	on request		5820	206	349	13	188					

AIRBLOK DR/SD 403 ÷ 603 Inverter



Direct drive

Super silent rotary screw air compressors with speed drive control



Type	Code	EAN CODE	🔊 dB (A)	🔊 min			🔊 max			bar	psi	BSP	HP	kW	LxPxH mm in	📦 kg lb
				l/min	CFM	m ³ /h	l/min	CFM	m ³ /h							
AIRBLOK 403 DR-SD	4152035140	on request	72	1788	63	107	4566	161	274	10	145	1 1/4"	40	30	1330x830x1555 52.4x32.7x61.2	605 1334
	4152035141	on request		2232	79	134	3750	132	225	13	188					
AIRBLOK 503 DR-SD	4152035142	on request	73	2280	81	137	5550	196	333	10	145	1 1/4"	50	37	1330x830x1555 52.4x32.7x61.2	626 1380
	4152035143	on request		2088	74	125	4542	160	273	13	188					
AIRBLOK 603 DR-SD	4152035144	on request	75	2256	80	135	6732	238	404	10	145	1 1/4"	60	45	1330x830x1555 52.4x32.7x61.2	656 1446
	4152035145	on request		2184	77	131	5880	208	353	13	188					

Version available: 380V/60Hz/3 - 400V/50Hz/3 - 440V/60Hz/3 - 460V/60Hz/3

AIRBLOK DR 403 ÷ 603 DRY

Direct drive

Direct drive super silent rotary screw air compressors with Integrated Dryer

HIGH EFFICIENCY
MOTOR IE3



Type	Code							LxPxH					
	EAN CODE		dB (A)	l/min	CFM	m ³ /h	bar	psi	BSP	HP	kW	mm in	kg lb
AIRBLOK 403 DR DRY	4152035176	on request		5310	188	319	7,5	108					
	4152035177	on request		5130	181	308	8,5	123					
	4152035178	on request	72	4560	161	274	10	145	1 1/4"	40	30	1810x830x1555 71.3x32.7x61.2	707 1559
	4152035179	on request		4020	142	241	13	188					
AIRBLOK 503 DR DRY	4152035180	on request		6600	233	396	7,5	108					
	4152035181	on request		6090	215	365	8,5	123					
	4152035182	on request	73	5700	201	342	10	145	1 1/4"	50	37	1810x830x1555 71.3x32.7x61.2	728 1605
	4152035183	on request		5160	182	310	13	188					
AIRBLOK 603 DR DRY	4152035184	on request		7560	267	454	7,5	108					
	4152035185	on request		7260	256	436	8,5	123					
	4152035186	on request	75	6660	235	400	10	145	1 1/4"	60	45	1810x830x1555 71.3x32.7x61.2	747 1647
	4152035187	on request		5820	206	349	13	188					

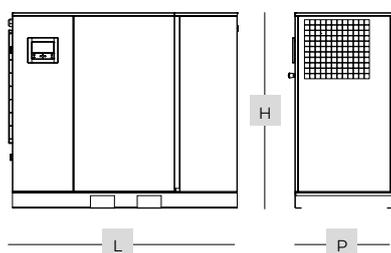
AIRBLOK DR/SD 403 ÷ 603 DRY



Inverter

Direct drive

Super silent rotary screw air compressors with speed drive control and integrated Dryer



Type	Code	EAN CODE	dB (A)	min			max			bar	psi	BSP	HP	kW	LxPxH	
				l/min	CFM	m ³ /h	l/min	CFM	m ³ /h						mm in	kg lb
AIRBLOK 403 DR-SD DRY	4152035188	on request	72	1788	63	107	4566	161	274	10	145	1 1/4"	40	30	1810x830x1555	723
	4152035189	on request		2232	79	134	3750	132	225	13	188					
AIRBLOK 503 DR-SD DRY	4152035190	on request	w73	2280	81	137	5550	196	333	10	145	1 1/4"	50	37	1810x830x1555	744
	4152035191	on request		2088	74	125	4542	160	273	13	188					
AIRBLOK 603 DR-SD DRY	4152035192	on request	75	2256	80	135	6732	238	404	10	145	1 1/4"	60	45	1810x830x1555	774
	4152035193	on request		2184	77	131	5880	208	353	13	188					

Quality system certified according to UNI EN ISO 9001:2015.



ANIMA[®]



Italian Association of Pump and Compressor Manufacturers

To guarantee the continued improvement of our range of products, FIAC reserves the right to up-date the technical characteristics shown in this catalogue without prior warning. Specifications of products are clearly indicated. Photographs are for illustrative purposes only.



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