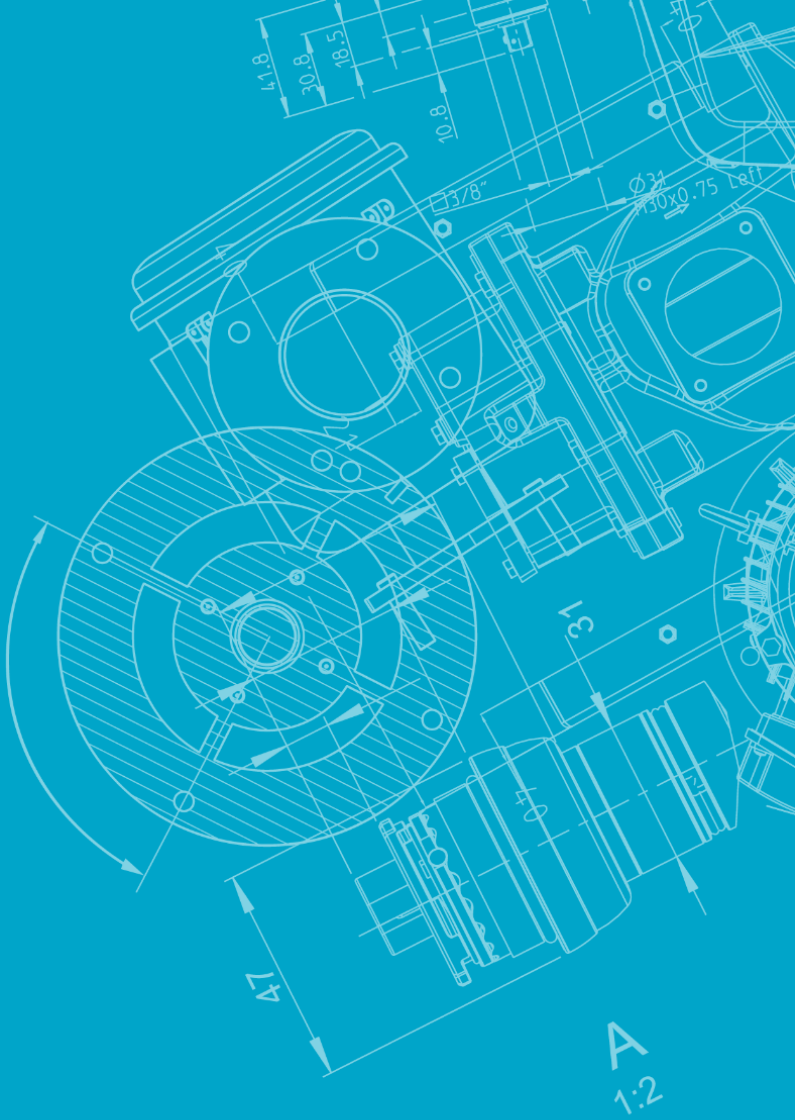


Dual-speed oil-free rotary tooth compressor

ZR/ZT 30-55 FLX



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3 Introduction

4 Dual-speed compressor

5 Optimum air quality

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14 Optimized efficiency

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Introducing the dual-speed compressor

Meet with Atlas Copco's newest powerhouse: the dual-speed rotary compressor ZR/ZT FLX. Engineered to deliver significant energy savings beyond the capabilities of traditional fixed-speed compressors, ZR/ZT FLX ensures optimal air delivery at every pressure set point for superior performance and unparalleled flexibility.

Highest reliability

For over 60 years, Atlas Copco has pioneered the development of oil-free air technology resulting in the largest range of air compressors and blowers within our industry.

100% oil-free compressed air

The ZR/ZT offers you 100% pure, clean air that complies with ISO 8573-1 CLASS 0 (2010) certification.

Maximum energy efficiency

The ZR/ZT's superior oil-free tooth elements provide the optimum combination of high Free Air Delivery (FAD) with the lowest energy consumption.

The most complete package

With the ZR/ZT compressor, Atlas Copco provides a totally integrated, ready-to-use package including internal piping, coolers, motor, lubrication and control system.

Peaceful productivity

Low noise levels (68 dBA) support a more comfortable, safer , and focused working environment.

Energy Recovery

Turn your compressor into an energy source with our Energy Recovery control unit. Achieve hot water temperatures up to 90°C.



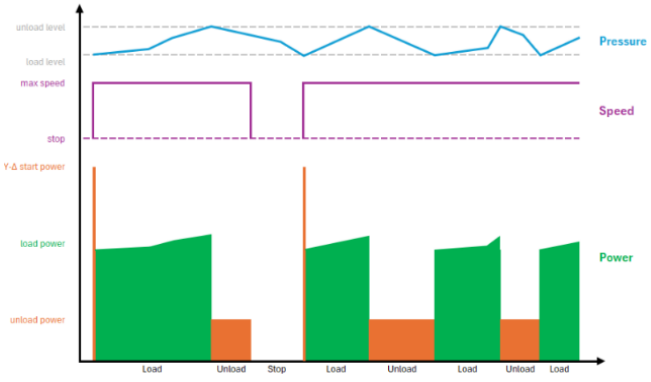
Redefining efficiency and flexibility

The basics of air compression remain constant, making Atlas Copco's introduction of the dual-speed compressor a significant advancement in reducing operation costs. Unlike traditional fixed-speed compressors, the dual-speed unit can reduce its motor speed to a minimum during unload. ZR/ZT 30-55 FLX delivers optimal flow at any pressure setting for unmatched versatility.

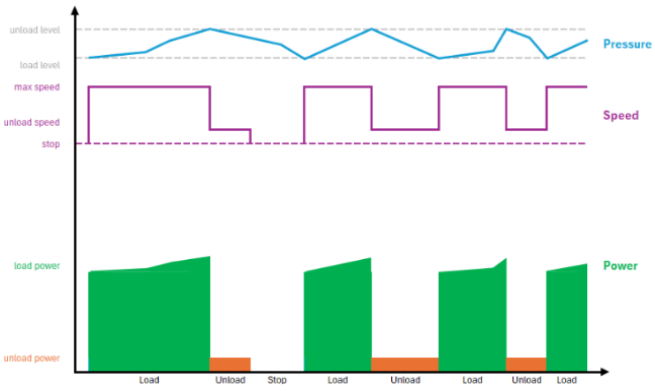
What is a Dual-speed compressor?

Traditional fixed-speed compressors run at a single motor speed to deliver maximum airflow. However, when air demand is lower than the compressor's maximum capacity, this fixed speed results in significant energy waste.

A dual-speed compressor, on the other hand, operates at two speeds: one for maximum capacity and another at a minimum speed during the unload state to reduce energy consumption. This makes it far more efficient than traditional fixed-speed compressors. Additionally, dual-speed compressors eliminate concerns about high starting current peaks.



Fixed-speed compressor



Dual-speed compressor

The **Dual-Speed concept** offers **three key benefits** over traditional fixed-speed compressors:

- Efficiency during loaded state with independent drive trains and optimized airflow
- Reduced unload power as motors run at minimum speed, not maximum
- No starting current peaks

These advantages of the Dual-Speed FLX Compressor significantly reduce your energy costs

Maximize Efficiency with a VSD Upgrade

If your air demand fluctuates and you want to enhance your energy savings, convert your ZR/ZT FLX into a VSD machine. This upgrade eliminates unload losses, further reducing operating costs. Monitor your energy consumption with Elektronikon to see potential savings from switching to VSD based on your current ZR/ZT FLX operation. Decide if it's time to upgrade by simply acquiring a VSD license, with no physical changes to your installation required.

Optimum air quality

By using our compressors and air treatment equipment you will avoid dust, water or oil in your process. It's important to have the right air quality to maximize your efficiency. If the air quality is too low, you will reduce the reliability of production equipment or processes. If the air quality is too high you're wasting energy. Therefore it's crucial to have the right air quality for your needs.





The perfect installation for your requirements

You have to avoid 3 things: water, dust & oil contaminants.

Water

Water in compressed air creates corrosion, rust and can damage your end product. We have twin, desiccant and rotary drum dryers to remove any level of water in your air.

Dust

Dust in your compressed air creates extra friction, which leads to extra wear & tear in e.g. pneumatics. Our wide range of filtration solutions can remove all levels of dust in your system.

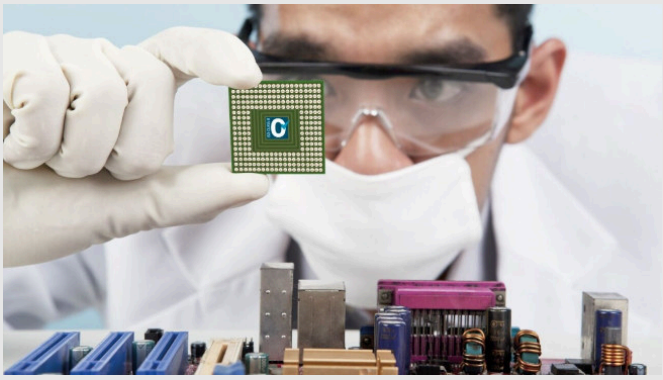
Oil

Oil particles entering the compressed air system can create product contamination and damage your end products. With our oil-free products and filtration solutions we can deliver Class-0 air for industries like food & beverage, medical & health care, textiles, and chemical.

Which air quality do you require?

CLASS 0 = As specified by the equipment user or supplier and more stringent than class 1
CLASS 1 = < 0.01
CLASS 2 = < 0.0
CLASS 3 = < 1
CLASS 4 = < 5

Current ISO 8573-1 (2010) classes (the five main classes and the associated maximum concentration in total oil content). Concentration total oil (aerosol, liquid, vapor) mg/m^3. Contact your local Atlas Copco representative to decide the right air quality for your application needs.



Our air treatment portfolio



Refrigerant dryer
Refrigerant dryers are the most common and consist of an air-to-air heat exchanger and an air-to-Freon heat exchanger. They are used to avoid free water and corrosion in the system. A relative humidity of below 50% is enough to achieve this. Refrigerant dryers are available in water-& air-cooled variants.

Desiccant dryer
Adsorption dryers are used when the compressed air application requires a pressure dew point below 0°C. In most cases, the dryers consist of two pressure vessels next to each other. Both vessels are filled with desiccant. When one vessel is removing moisture, the other is regenerating and vice versa.

Drum dryer
A rotary drum dryer exists of one vessel with a drum. This drum is a honeycomb structure on which the adsorption material is impregnated. ¾ of the drum is used to dry the compressed air, while the other quarter is used for regeneration. The regeneration is done with hot compressed air.

Filters
We offer a wide selection of utility and process filtration solutions for compressed air and gas with different filter types and grades to remove any dust or micro organisms from your compressed air system.

Engineered to enhance your profits

To ensure the success of your business, you need to guarantee consistent quality while minimizing your overheads. A ZR/ZT 30-55 FLX compressor keeps you on track by delivering a reliable supply of clean, dry air. Every component is optimized for long life and easy servicing.



ZT 30-55 FLX FF (iD)

ZT 30-55 FLX FF FRONT INTERIOR ELEMENT HIGHLIGHTS



ZT 30-55 FLX FF BACK INTERIOR ELEMENT HIGHLIGHTS



1 Advanced Elektronikon® monitoring system

– User-friendly Elektronikon® Touch, with enhanced connectivity potential.
– Included warning indications, maintenance scheduling and online visualization of the machine's condition for increased reliability.



2 Compact design

With its compact design, the Full Feature version offers substantial space savings and simplifies installation compared to traditional freestanding dryers.

3 NEOS Next frequency converters

– Our patented NEOS Next designed for IP54 allows the unit to run at minimum speed during unload, reducing the unload power consumption to minimum.
– Designed to withstand temperatures up to 50°C/122°F.

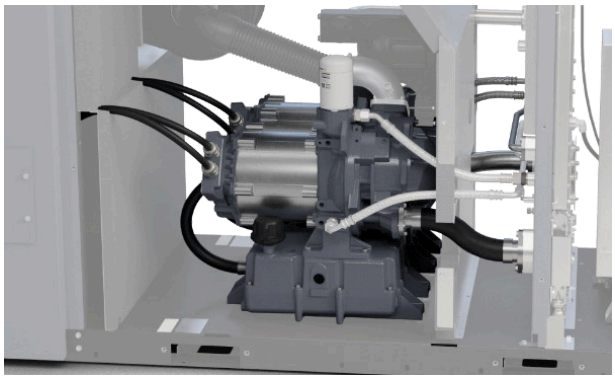


4 Soundproof canopy

– Sound insulation allows for installation in most working environments.
– No need for a separate compressor room.

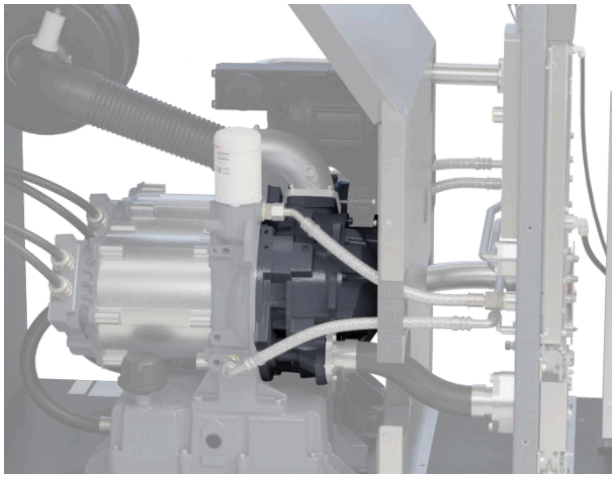
5 Permanent Magnet Motors

– A proven design with a direct coupled permanent magnet drive motor for low- and high-pressure element, each with their own frequency converter.
– Our oil-cooled permanent magnet motors feature an IP66-rated enclosure which offers a complete protection against dust and powerful water jets to ensure reliable performance even in harsh operating environments.
– Optimized intercooler pressure across the entire speed range ensures stable operation and reinforces long-term reliability, even under demanding conditions.



6 Oil-free tooth element

Our oil-free tooth element is designed for dependable performance. It uses precision gears and durable bearings which reduce wear and keep the machine running smoothly, even under demanding conditions.



7 Reliable cooling

– Available in both air-cooled and water-cooled versions
– Frequency-controlled fan adapts cooling to actual operating conditions, preventing overheating and supporting consistent, reliable operation.
-Oil cooling for permanent magnet motors protects against dust, moisture, and temperature fluctuations, increasing motor lifespan and reducing the risk of failure.



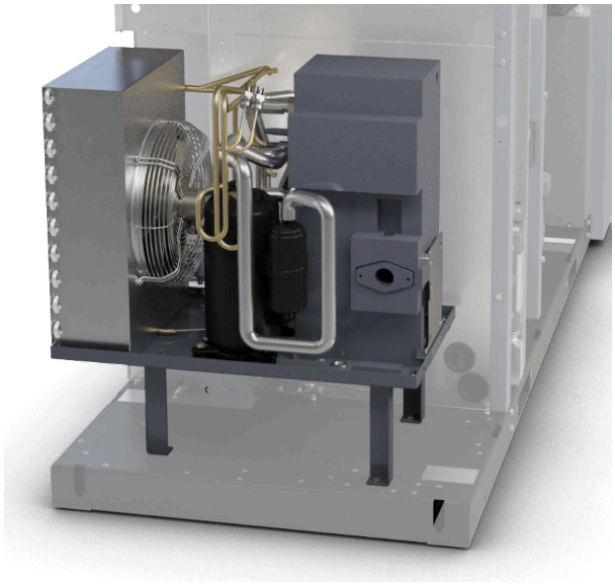
8 Low maintenance

– Strategically placed components allow quick and easy access, simplifying maintenance and reducing downtime.
– Oil-lubricated motor bearings eliminate the need for re-greasing, ensuring long-lasting performance with minimal upkeep.



9 Integrated dryer

– Integrated dryer option reduces installation complexity and minimizes footprint, lowering the risk of setup errors and ensuring consistent performance.
– Available in both Refrigerant and Heat of Compression versions, offering reliable drying performance tailored to different operating needs.
– Heat of Compression version delivers dew point suppression of over 30°C (86°F), ensuring dependable moisture control even in demanding conditions.

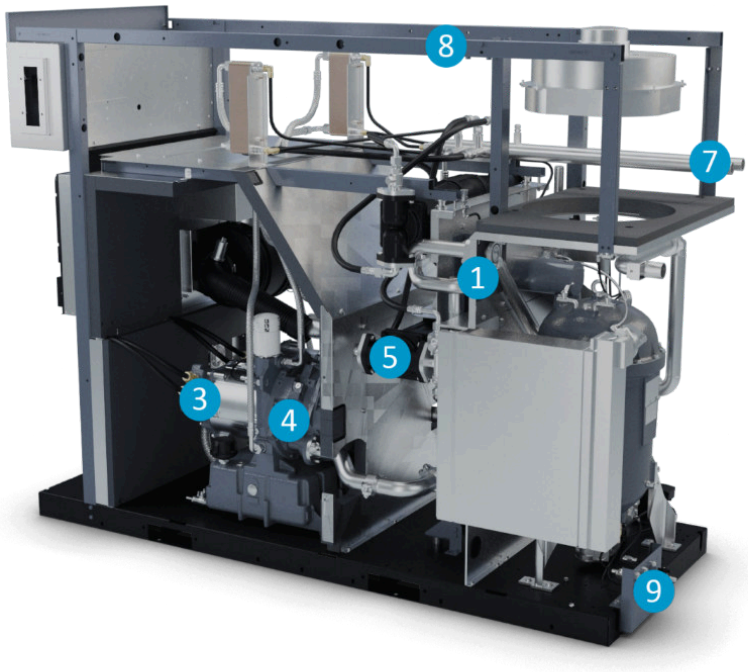


ZR 30-55 FLX FF (iMD)

ZR 30-55 FLX FF (IMD) HIGHLIGHTS FRONT



ZR 30-55 FLX FF (IMD) HIGHLIGHTS BACK



1 Soundproof canopy

– Sound insulation allows for installation in most working environments.
– No need for a separate compressor room.

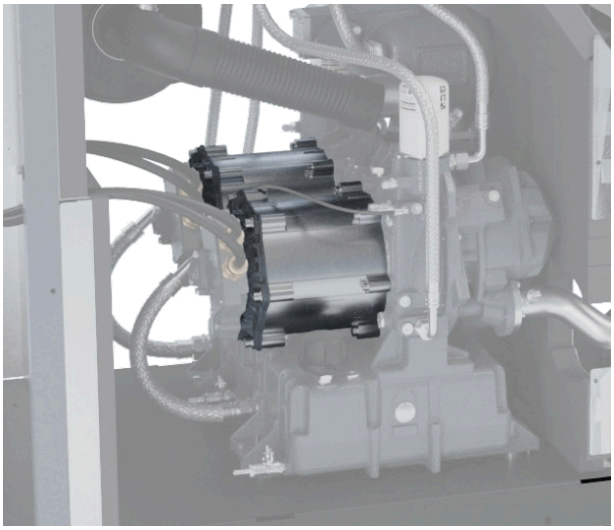
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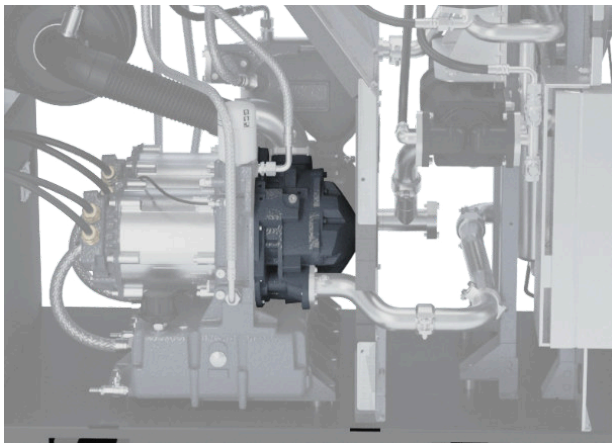
3 Permanent magnet motor

– A proven design with a direct coupled permanent magnet drive motor for low- and high-pressure element, each with their own frequency converter.
– Our oil-cooled permanent magnet motors feature an IP66-rated enclosure which offers a complete protection against dust and powerful water jets to ensure reliable performance even in harsh operating environments.
– Optimized intercooler pressure across the entire speed range ensures stable operation and reinforces long-term reliability, even under demanding conditions.



4 Oil-free tooth element

Our oil-free tooth element is designed for dependable performance? It uses precision gears and durable bearings which reduce wear and keep the machine running smoothly, even under demanding conditions.



5 Reliable cooling

– Water-cooled oil coolers, intercooler, and aftercooler
– Frequency-controlled fan optimizes cooling for all running conditions
– Oil cooling shields permanent magnet motors from the environment and makes them more robust



6 Advanced Elektronikon® monitoring system

– User-friendly Elektronikon® Touch, with enhanced connectivity potential.
– Included warning indications, maintenance scheduling and online visualization of the machine's condition for increased reliability.



7 Compact design

With its compact design, the Full Feature version offers substantial space savings and simplifies installation compared to traditional freestanding dryers.

8 Low maintenance

– Strategically placed components allow quick and easy access, simplifying maintenance and reducing downtime.
– Oil-lubricated motor bearings eliminate the need for re-greasing, ensuring long-lasting performance with minimal upkeep.

9 Integrated dryer

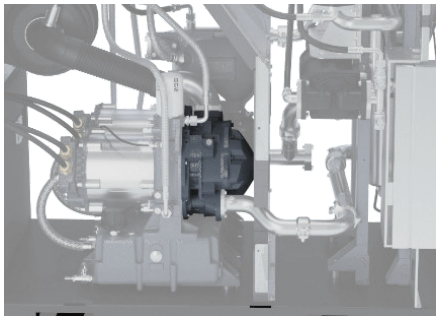
– Integrated dryer option reduces installation complexity and minimizes footprint, lowering the risk of setup errors and ensuring consistent performance.
– Available in both Refrigerant and Heat of Compression versions, offering reliable drying performance tailored to different operating needs.
– Heat of Compression version delivers dew point suppression of over 30°C (86°F), ensuring dependable moisture control even in demanding conditions.

Building energy savings into your process

Did you know that compressed air generation can amount to over **40%** of a plant's total electricity bill? And that energy consumption can account for over **80%** of a compressor's lifecycle cost? For businesses serious who would want to increase their profits, the energy consumption is an obvious target and one of the leading design priorities of Atlas Copco.

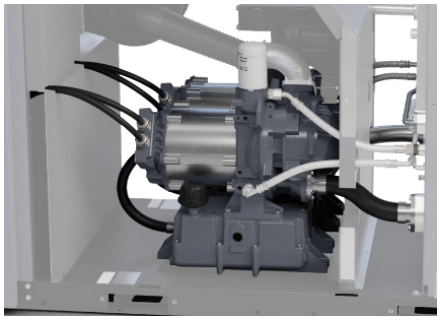
Energy-saving components

Our engineers took every opportunity to reduce energy consumption of these machines. Our unique patented elements are designed in-house for maximum efficiency. A superior coating on the active surfaces of the stainless steel rotors contributes to the efficiency of our new dual speed technology. A unique Z seal design further reduces running costs and guarantees 100% certified oil-free air for your application.



Oil-free Tooth Element

Our in-house designed oil-free tooth element boosts efficiency by delivering consistent, high-performance compression with minimal energy loss. Its streamlined design ensures low unload power, helping the machine use less energy while maintaining top output.



Motor

The IE5 permanent magnet motor in our oil-free tooth FLX machine achieves up to 97% energy efficiency, ensuring maximum power conversion and reduced energy consumption during operation



Neos Next

Our patented NEOS Next drives improve energy efficiency by minimizing power use during unload and enabling smart speed control across varying air demands.



VSD cooling fans

The completely redesigned cooling air flow supported by a VSD cooling fan ensures maximum energy savings during unload.



Advanced control algorithms

Advanced algorithms control your equipment to save energy when demand is low. For example, timer functions can stop your machines at night and during the weekend if no compressed air is needed. Alternatively, a dual pressure band can be implemented with lower pressure settings for these periods.

Installation

The fully integrated, ready-to-use package includes the internal piping, coolers, motor, lubrication, and control system. The Full Feature version even integrates an ID refrigerant or IMD adsorption dryer for impeccable results. Installation is fault-free, commissioning time is low, and no external instrument air is required. You simply plug and run.



1 AIRnet

AIRnet is a piping solution that guarantees operational excellence for compressed air, vacuum, nitrogen and other inert gas applications. Available in aluminium and stainless steel. AIRnet Aluminium is the most effective solution for your air or gas network. Its fast and easy installation gets your operations up and running in record time. AIRnet is leak-proof and corrosion-free. Its pipes and fittings come with a 10-year warranty.

2 Central Controller

Having a central controller reduces the average pressure band. It also reduces the operating pressure of your machines.

- By reducing the pressure by 1 bar (or 14.5 psi), your energy usage lowers by 7%.
- By reducing the pressure by 1 bar (or 14.5 psi) decreases air leakages by 13%.

Multiple embedded functions in the Optimizer 4.0 in which pressure, capacity and speed can be regulated.

3 Plug & Play

ZR/ZT FLX compressors offer a complete plug and play solution. Everything you need is built in, so you can install and start operating without delays or complications.

4 Energy recovery option

ZR/ZT FLX compressors can include an energy recovery system that captures heat generated during compression and converts it into hot water for industrial processes or facility heating. This option helps lower energy costs and delivers a faster return on investment.

5 Dryers

The ZR/ZT FLX pack configuration includes an external dryer, giving you flexibility to position it where it best fits your layout. This setup ensures high-quality dry air while maintaining easy installation and service access, so you can adapt the system to your space without compromising performance.

6 Filters

Built into the system, our filters remove dust and contaminants without the need for complex external setups. This integrated approach simplifies installation, reduces pressure drops, and helps maintain consistent air quality for your critical processes.

7 Air receiver

A correctly sized air receiver brings both energy efficiency and system reliability. It allows a narrow pressure band and limits the un-& offload cycles to reduce stress on element bearings and other internal components.

Top quality services

Properly caring for your air compressor helps you lower your operating costs and minimizes the risk for unplanned breakdowns or production stops. Atlas Copco offers energy efficiency checks, service, repairs, spare parts and maintenance plans for all air compressors. Entrust your servicing to our expert professionals and ensure your business continues to run efficiently. Our plans cover repairs, preventative maintenance, spare parts, and more.



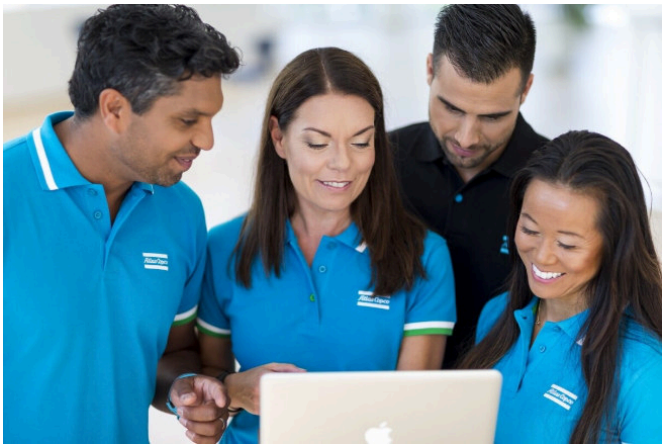
Total Responsibility Plan

Complete compressor care with our Total Responsibility Plan
We take care of all your compressor maintenance, upgrades, repairs and even breakdowns for an all-inclusive price.

Complete compressor care
On-time maintenance by expert service engineers, genuine parts, proactive upgrades and compressor overhauls.

Total risk coverage
This means we take care of all your compressor repairs and even breakdowns, without extra charges.

Ultimate efficiency
Fitting the latest drive line components gives you as-new levels of compressor efficiency and reliability.





TotalCare Plan

Energy efficiency
Energy consumption is the biggest part of the total cost of ownership for compressed air equipment. Without proper maintenance, pressure drops may occur, decreasing the system's efficiency. With TotalCare Plan, all consumables are replaced on time using genuine parts.

Greater uptime
Compressed air is a vital part of your production process. A small disturbance could lead to a production stop, lost business, wasted materials, product contamination… As a TotalCare Plan customer, you are given top priority for urgent repairs.

Fixed budget
In 7 years, maintenance costs may fluctuate considerably. If an expensive repair comes up, this could seriously disrupt your budget. TotalCare Plan covers all repairs and comes with a fixed annual cost.

AIRScan

As an energy conscious buyer, you have bought the most energy efficient equipment in the market. But in time, how sure are you that your equipment is still running in the most optimal and energy efficient conditions? If that is the case, it is time to ask Atlas Copco to audit your installation.



Options for every application

The standard ZR/ZT 30-55 FLX package can be customized with a range of optional features to tailor its performance for different production environments.

Options	
VSD license	Energy Recovery
Anchor pads	Water shut-off valve
ANSI flanges	Integrated refrigerant dryer (ID)
High ambient variant for warm regions (50°C ambient temperature)	Integrated MD dryer (iMD) for moisture sensitive applications
Flanged inlet	SPM equipment monitoring
Main power isolator switch	Silicone-free rotor (for MD) for deeper dewpoints
IT variant (IEC variants only)	Anti condensation heaters
Test certificate	MD heater for deeper dewpoints
Fast Acting Fuse	Customization options



iMD [1]



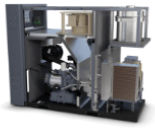
MD heater [2]



Silicon-free rotor [3]



High ambient variant [4]

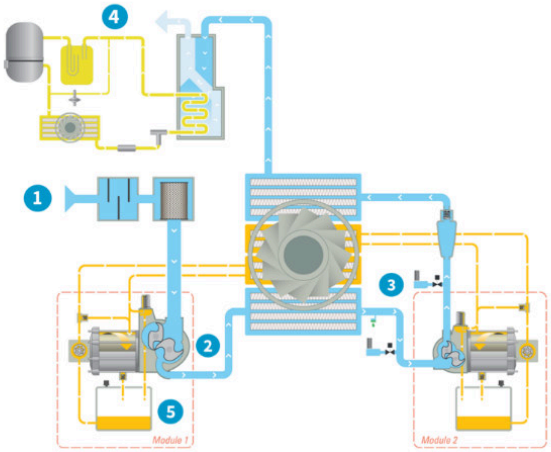


Further customisation [5]

[1] For moisture sensitive applications you can opt for the integrated rotary drum dryer (iMD) that ensures negative pressure dew points at reference conditions and saves on footprint and installation costs.
[2] For deeper dewpoints you can opt for the optional MD heater that further increases the regeneration temperature to lower the pressure dew point.
[3] For applications like paint shops, we offer an optional silicon-free rotor to match the requirements.
[4] For warm regions our FLX unit with high ambient version is designed to run trouble-free round the clock at a 50°C ambient temperature, with the frequency drive also designed for 50°C without any derating.
[5] With a dedicated customization team, we can further tailor our units to your requirements.

*Please note that the availability of the option depends on the chosen configuration.

Oil and air flows: your step-by-step guide



ZT 30-55 FLX FF (iD) Flowchart Legend:

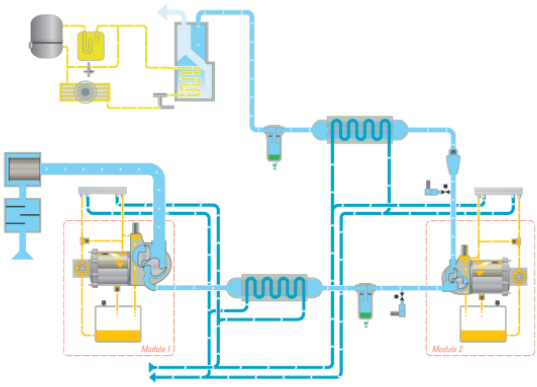
1. Inlet & filtration

2. First compression & cooling

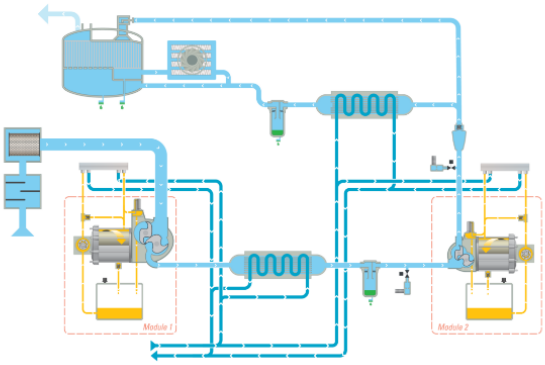
3. Second compression & cooling

4. Integrated dryer

5. Oil flow



ZR 30-55 FLX FF (iD)



ZR 30-55 FLX FF (iMD)

Inlet & filtration

The air (represented by the light blue flow) is drawn into the compressor through the inlet filter, where it is cleaned. Then, it passes through the throttle valve with its integrated blow off valve which takes care of the load unload regulation. The air then continues to the compression stage.

First compression & cooling

The air pressure is raised to an intermediate pressure, after which the air is cooled down in the intercooler. Next, it passes through a moisture separation system before entering the high pressure stage.

Second compression & cooling

In the high pressure stage, the pressure is brought to the final pressure. The air at the outlet of the high pressure stage passes via the pulsation damper with integrated check valve to the aftercooler. Here, it is cooled down. Moisture is separated and evacuated. The compressed air leaves the compressor through the outlet connection flange.

Integrated dryer

The cooled wet compressed air is mixed with 40% of the cooled regeneration air. It enters the dryer. The dry compressed air with guaranteed dew point is now ready to use in your application.

Oil flow

The oil path within the compressor is represented by the yellow flow. The oil pump sucks oil from the oil sump and pumps it through the oil cooler and the high efficiency filter. This delivers cool, clean oil to the bearings and gears. Note that oil never comes into contact with the air. This ensures completely oil-free air for your process.

Specifications 8.6 bar version

Specifications ZR/ZT 30-55 FLX 8.6 bar (Metric)

Type	Working pressure		FAD		Power rating	Noise level
		bar(e)	l/s	m³/min	kW	dB(A)
ZR30FLX – 8.6	Min	4	88.20	5.29	30	69
	Effective	7	87.67	5.26		
	Max	8.6	73.31	4.40		
ZT30FLX – 8.6	Min	4	89.69	5.38		67
	Effective	7	88.33	5.30		
	Max	8.6	73.41	4.40		
ZR37FLX – 8.6	Min	4	104.21	6.25	37	71
	Effective	7	103.50	6.21		
	Max	8.6	94.52	5.67		
ZT37FLX – 8.6	Min	4	104.56	6.27		68
	Effective	7	102.82	6.17		
	Max	8.6	93.76	5.63		
ZR45FLX – 8.6	Min	4	121.42	7.28	45	71
	Effective	7	120.36	7.22		
	Max	8.6	111.29	6.68		
ZT45FLX – 8.6	Min	4	123.58	7.41		68
	Effective	7	121.70	7.30		
	Max	8.6	111.80	6.71		
ZR55FLX – 8.6	Min	4	140.95	8.46	55	71
	Effective	7	139.60	8.38		
	Max	8.6	136.33	8.18		
ZT55FLX – 8.6	Min	4	140.13	8.41		68
	Effective	7	139.03	8.34		
	Max	8.6	137.53	8.25		

Specifications ZR/ZT 30-55 FLX 8.6 bar (Imperial)

Type	Working pressure		FAD		Power rating	Noise level
		psig	l/s	cfm	hp	dB(A)
ZR30FLX – 8.6	Min	58	88.20	186.87	40	69
	Effective	102	87.67	185.75		
	Max	125	73.31	155.32		
ZT30FLX – 8.6	Min	58	89.69	190.04		67
	Effective	102	88.33	187.15		
	Max	125	73.41	155.54		
ZR37FLX – 8.6	Min	58	104.21	220.81	50	71
	Effective	102	103.50	219.30		
	Max	125	94.52	200.28		
ZT37FLX – 8.6	Min	58	104.56	221.54		68
	Effective	102	102.82	217.86		
	Max	125	93.76	198.66		
ZR45FLX – 8.6	Min	58	121.42	257.26	60	71

Type	Working pressure		FAD		Power rating	Noise level
		psig	l/s	cfm	hp	dB(A)
	Effective	102	120.36	255.03		
	Max	125	111.29	235.79		
	Min	58	123.58	261.84		
ZT45FLX – 8.6	Effective	102	121.70	257.86		68
	Max	125	111.80	236.88		
	Min	58	140.95	298.64		
ZR55FLX – 8.6	Effective	102	139.60	295.78		71
	Max	125	136.33	288.86	74	
	Min	58	140.13	296.91		
ZT55FLX – 8.6	Effective	102	139.03	294.58		68
	Max	125	137.53	291.40		

Weight ZR/ZT 30-55 FLX 8.6 bar (Metric)

Type	Weight (kg)		
	Pack	Full Feature (iMD)	Full Feature (iD)
ZR/ZT 30 FLX	1350	1610	1504
ZR/ZT 37 FLX			
ZR/ZT 45 FLX	1373	1646	1531
ZR/ZT 50 FLX			

Weight ZR/ZT 30-50 FLX 8.6 bar (Imperial)

Type	Weight (lbs)		
	Pack	Full Feature (iMD)	Full Feature (iD)
ZR/ZT 30 FLX	2976	3549	3316
ZR/ZT 37 FLX			
ZR/ZT 45 FLX	3027	3629	3375
ZR/ZT 55 FLX			

Dimensions ZR/ZT 30-55 FLX 8.6 bar (Metric)

Type	Length	Width	Height
	mm		
ZR/ZT 30-55 FLX	2005	1022	1909
ZR/ZT 30-55 FLX (FF)	2440		

Dimensions ZR/ZT 30-55 FLX 8.6 bar (Imperial)

Type	Length	Width	Height
	inch		
ZR/ZT 30-55 FLX	79	40	75
ZR/ZT 30-55 FLX (FF)	88		

Data may vary for other operating modes, versions and conditions. Consult Atlas Copco for details.

Data and specifications are subject to change without prior notice.

All values at reference conditions
- Tamb = 20°C
- max speed (= FS speed)
- inlet pressure = 1 bar(a)
- RH = 0%

Specifications 10 bar version

Specifications ZR/ZT 30-55 FLX 10 bar (Metric)

Type	Working pressure		FAD		Power rating	Noise level
		bar (e)	l/s	m^3/min	kW	dB(A)
ZR30FLX – 10	Min	4	88.20	5.29	30	69
	Effective	9	87.67	5.26	30	69
	Max	10	64.22	3.85	30	69
ZT30FLX – 10	Min	4	89.69	5.38	30	67
	Effective	9	71.12	4.27	30	67
	Max	10	63.53	3.81	30	67
ZR37FLX – 10	Min	4	104.21	6.25	37	71
	Effective	9	103.50	6.21	37	71
	Max	10	84.38	5.06	37	71
ZT37FLX – 10	Min	4	104.56	6.27	37	68
	Effective	9	90.99	5.46	37	68
	Max	10	83.49	5.01	37	68
ZR45FLX – 10	Min	4	121.42	7.28	45	71
	Effective	9	120.36	7.22	45	71
	Max	10	96.66	5.80	45	71
ZT45FLX – 10	Min	4	123.58	7.41	45	68
	Effective	9	107.15	6.43	45	68
	Max	10	95.20	5.71	45	68
ZR55FLX – 10	Min	4	140.95	8.46	55	71
	Effective	9	139.60	8.38	55	71
	Max	10	128.83	7.73	55	71
ZT55FLX – 10	Min	4	140.13	8.41	55	68
	Effective	9	135.08	8.10	55	68
	Max	10	129.69	7.78	55	68

Specifications ZR/ZT 30-55 FLX 10 bar (Imperial)

Type	Working pressure		FAD		Power rating	Noise level
		psig	l/s	cfm	hp	dB(A)
ZR30FLX – 10	Min	58	88.20	186.87	40	69
	Effective	130	87.67	185.75		
	Max	150	64.22	136.08		
ZT30FLX – 10	Min	58	89.69	190.04	40	67
	Effective	130	71.12	150.69		
	Max	150	63.53	134.61		
ZR37FLX – 10	Min	58	104.21	220.81	50	71
	Effective	130	103.50	219.30		
	Max	150	84.38	178.78		
ZT37FLX – 10	Min	58	104.56	221.54	50	68
	Effective	130	90.99	192.79		
	Max	150	83.49	176.90		
ZR45FLX – 10	Min	58	121.42	257.26	60	71

Type	Working pressure		FAD		Power rating	Noise level
		psig	l/s	cfm	hp	dB(A)
	Effective	130	120.36	255.03		
	Max	150	96.66	204.80		
ZT45FLX – 10	Min	58	123.58	261.84	60	68
	Effective	130	107.15	227.03		
	Max	150	95.20	201.71		
ZR55FLX – 10	Min	58	140.95	298.64	74	71
	Effective	130	139.60	295.78		
	Max	150	128.83	272.96		
ZT55FLX – 10	Min	58	140.13	296.91	74	68
	Effective	130	135.08	286.21		
	Max	150	129.69	274.79		

Weight ZR/ZT 30-55 FLX 10 bar (Metric)

Type	Weight (kg)		
	Pack	Full Feature (iMD)	Full Feature (iD)
ZR/ZT 30 FLX	1350	1610	1504
ZR/ZT 37 FLX			
ZR/ZT 45 FLX	1373	1646	1531
ZR/ZT 50 FLX			

Weight ZR/ZT 30-55 FLX 10 bar (Imperial)

Type	Weight (lbs)		
	Pack	Full Feature (iMD)	Full Feature (iD)
ZR/ZT 30 FLX	2976	3549	3316
ZR/ZT 37 FLX			
ZR/ZT 45 FLX	3027	3629	3375
ZR/ZT 55 FLX			

Dimensions ZR/ZT 30-55 FLX 10 bar (Metric)

Type	Length	Width	Height
	mm		
ZR/ZT 30-55 FLX	2005	1022	1909
ZR/ZT 30-55 FLX (FF)	2440		

Dimensions ZR/ZT 30-50 FLX 10 bar (Imperial)

Type	Length	Width	Height
	inch		
ZR/ZT 30-55 FLX	79	40	75
ZR/ZT 30-55 FLX (FF)	88		

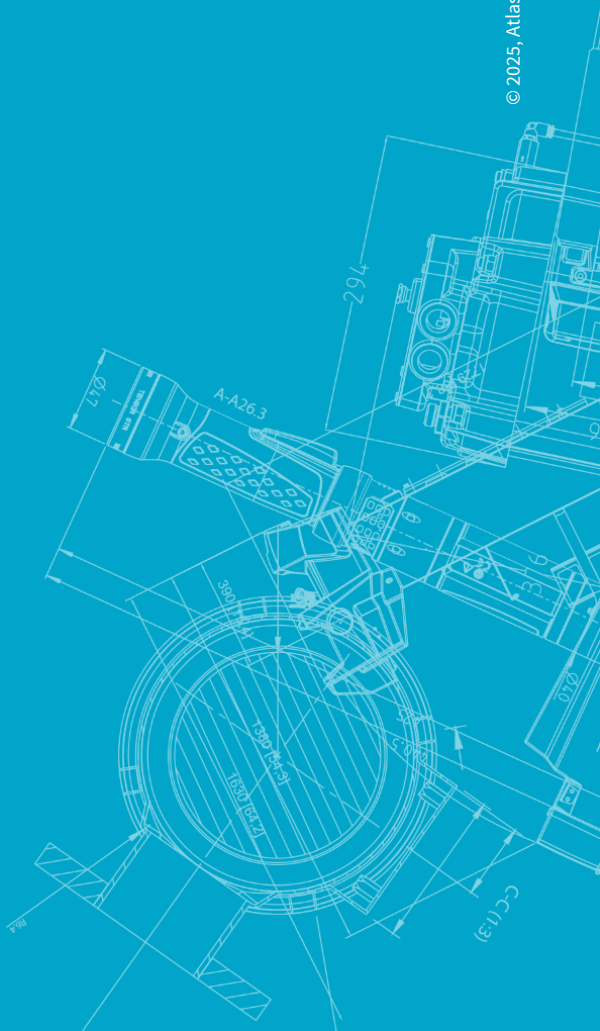
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- max speed (= FS speed)
- inlet pressure = 1 bar(a)
- RH = 0%

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Read all safety instructions in the manual before usage.

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