



Worthington
Creyssenac

BECAUSE
IMPROVEMENT
NEVER
STOPS



OF SERIES
OIL-FREE AIR COMPRESSORS
75-220 HP

OF 75-220 HP SERIES

Worthington Creysensac Compressor's OF 75-220 line of oil-free rotary compressors brings you outstanding sustainability, reliability and performance, while minimizing the total cost of ownership. Built to perform even in the harshest environments, these compressors keep your production running efficiently.



① LOW COST OF OWNERSHIP

- Efficient inlet filter minimizes intake losses.
- World-class oil-free compression rotors deliver premium efficiency and energy savings.

③ MAXIMIZE YOUR SYSTEM PERFORMANCE

- Advanced (Airlogic) controller allows you to monitor your OF and optimize its performance.

② RELIABILITY YOU CAN COUNT ON

- Precision gears ensure a long lifetime and low transmission losses.
- Superior air end bearings offer stability without the need for pre-lubrication or stabilization.
- Completely enclosed fan-cooled motor is insulated against environmental contaminants.
- Water separator protects your downstream equipment from moisture.



CERTIFIED 100% OIL-FREE AIR

Worthington Creyssenac Compressor is renowned for designing and manufacturing the most durable oil-free rotary compressors.

The OF series extends this strong tradition. Ideal for industries where high-quality oil-free air is key, the OF delivers the quality air that protects the safety and quality of your production.



CLASS ZERO OIL-FREE

Some applications require absolutely, unquestionably clean air. That is why the Worthington Creyssenac OF delivers air that is certified to be 100% free of any traces of oil, aerosols or other contaminants.

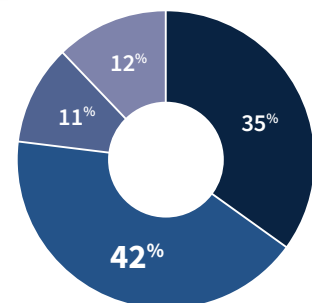
CLASS	Concentration total oil (aerosol, liquid, vapor) mg/m ³
0	As specified by the equipment user or supplier and more stringent than class 1
1	< 0.01
2	< 0.1
3	< 1
4	< 5

WHY EFFICIENCY MATTERS?

Energy costs represent about 70% of the total operating cost of your compressor over a 5-year period. Therefore, reducing the energy consumption of your compressed air installation should be a major focus to ensure the lowest cost of ownership.

HOW VSD HELPS YOU SAVE?

As a majority of customers have a fluctuating demand for compressed air, variable speed compressors have proven to be superior to fixed speed compressors when it comes to reducing the energy costs. By matching the air supply to the air demand, unload losses are avoided, and energy costs decrease on average by 35%.



Worthington Creyssenac Compressor Total Life Cycle Cost

- Energy savings with VSD
- Energy
- Investment
- Maintenance

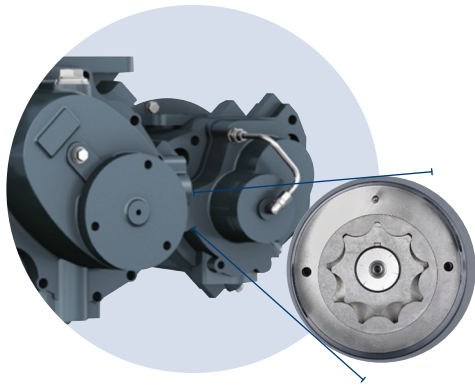
CORE TECHNOLOGIES

EXCLUSIVE INVERTER DESIGN

The imperium* inverter is designed specifically for compressed air applications, eliminating the usual sensitivity to dust and heat. The electronics are intelligently protected by an IP5X enclosure which dissipates heat via a fan-cooled heat sink.

The imperium operates in high ambient temperatures with operation at full power between -20°C/-4°F and 50°C/122°F.

*Available on OF50-75V/ **Siemens on OF30V



INTEGRATED DIRECT-DRIVEN OIL PUMP

All Worthington Creyssenac oil-free rotary compressors feature a gear rotor type oil pump mounted on the main shaft. When the motor is running, the required oil pressure is delivered to the bearings. Even in a power loss situation, the oil pump operates while the motor slows its rotation.

*Gear rotor type pump mounted on main shaft

NETWORKING & REMOTE MONITORING

The latest Airlogic controller offers you the monitoring and control capabilities to maximize the reliability and performance of your OF compressor. Cloud analysis of the Airlogic data helps schedule optimum service intervention, predicts failure and measures overall machine health.



SERVICES

WARRANTY SERVICE PACKAGE

With a Warranty Service Package, all your maintenance needs are fully covered for up to 5 years. We take care of all routine and non-routine services, so you can focus 100% on your core business.

- Enjoy **full warranty coverage** up to 5 years including expert on-time service or repairs, preventive maintenance, original parts and periodic upgrades.
- With a **fixed total cost of ownership**, you have complete control over your maintenance budget.
- We protect your investment by using high-quality original parts that are specifically designed for your compressed air system and guarantee higher **energy efficiency** and a longer lifespan of your installation.

Service packages can be customized and tailored according to your needs! Discuss with your local authorized service provider.



OF TECHNICAL DATA

OF 75-200	Working Pressure			Capacity FAD			Installed Motor		Weight	
	Model No.	bar (e)	psig	l/s	m³/min	cfm	kW	hp	kg	lb
	OF75-7.5	-	7.5	109	8.3	295	55	75	1980	4365
	OF75-8.6	-	8.6	125	8.2	290	55	75	1980	4365
	OF100-7.5	-	7.5	201	12.1	426	75	100	2165	4773
	OF100-8.6	-	8.6	182	10.9	386	75	100	2165	4773
	OF125-7.5	-	7.5	237	14.2	502	90	125	2205	4861
	OF125-8.6	-	8.6	224	13.4	475	90	125	2205	4861
	OF150-7.5	-	7.5	307	18.4	651	110	150	2875	6338
	OF150-8.6	-	8.6	286	17.2	606	110	150	2875	6338
	OF175-7.5	-	7.5	363	21.8	770	132	175	2965	6537
	OF175-8.6	-	8.6	325	19.5	689	132	175	2965	6537
	OF200-7.5	-	7.5	387	23.2	820	145	200	3050	6724
	OF200-8.6	-	8.6	358	21.5	759	145	200	3050	6724

OF 100-220V	Working Pressure			Capacity FAD			Installed Motor		Weight	
	Model No.	bar (e)	psig	l/s	m³/min	cfm	kW	hp	kg	lb
OF100V-8.6	Minimum	4	58	124-209	7.4-12.5	263-443	75	100	2145	4729
	Effective	7	102	126-210	7.6-12.6	267-445				
	Maximum	8.6	125	144-167	8,6-10,0	305-354				
OF125V-8.6	Minimum	4	58	124-254	7.4-15.2	263-538	90	125	2145	4729
	Effective	7	102	126-259	7.6-15.5	267-549				
	Maximum	8.6	125	144-186	8,6-11,2	305-394				
OF150V-8.6	Minimum	4	58	162-320	9.7-19.2	343-678	110	150	2925	6449
	Effective	7	102	161-319	9.7-19.1	341-676				
	Maximum	8.6	125	161-298	9.7-17.9	341-632				
OF175V-8.6	Minimum	4	58	184-370	11.0-22.2	390-784	132	175	3015	6647
	Effective	7	102	184-369	11.0-22.1	390-782				
	Maximum	8.6	125	183-346	11.0-20.8	388-734				
OF220V-8.6	Minimum	4	58	184-389	11.0-23.3	390-825	160	220	3100	6834
	Effective	7	102	184-389	11.0-23.3	390-825				
	Maximum	8.6	125	183-367	11.0-22.0	388-778				

Model No.	Standard		
	A	B	C
	Length (mm/in)	Width (mm/in)	Height (mm/in)
OF75-125V-8.6	2700	1600	1800
OF150-220V-8.6	3400	1660	2150





ONE RELIABLE SOURCE FOR ALL YOUR COMPRESSED AIR NEEDS

Worthington Creyssenac stands ready to meet all of your compressed air needs: From the compressor ①, itself and the dryer ②, to line filters ③, air receiver buffer storage ④, our own easy-to-install AIRnet piping system ⑤, and a central controller to manage the entire system ⑥. All of these products are available in the proven Worthington Creyssenac quality and each of them is built to last.

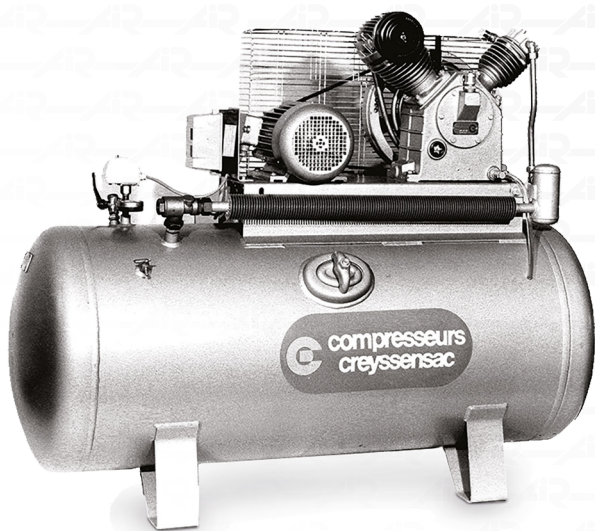
ICONS

INCREASED UPTIME, POWERED BY ICONS

With the **Intelligent CONnectivity System (ICONS)**, you get data and insights from your machines delivered to your computer, tablet or smartphone.

- Increase the **reliability** of your machine by identifying problems before they become a threat to the continuity of your production.
- **Analyze and optimize** your energy consumption and CO₂ emissions.
- Receive high-quality **energy reports** ensuring the ISO50001 compliance of your site.





WORTHINGTON CREYSSENSAC'S HERITAGE

Creysensac was founded in Nanterre (near Paris), France in 1934 by Elie Creysensac and quickly became renowned in the automotive industry for developing high quality piston compressors. In the mid nineteen sixties, screw compressors were added to the product portfolio while 1973 saw the merge with Worthington. This further expanded the influence of the company in the compressed air world and reinforced the distributor network.

Today, its long-standing experience and continuous innovation ensure Worthington Creysensac is a trusted partner for its customers.



Contact your local Worthington Creyssensac representative



Care

Care is what service is all about: professional service by knowledgeable people, using high-quality original parts.

Trust

Trust is earned by delivering on our promises of reliable, uninterrupted performance and long equipment lifetime.

Efficiency

Equipment efficiency is ensured by regular maintenance. Efficiency of the service organization is how Original Parts and Service make the difference.



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