BECAUSE EXPERIENCE MATTERS



OF SERIES
OIL-FREE AIR COMPRESSORS
20-75 HP & 75-220 HP

Chicago Pneumatic

People. Passion. Performance.

OF 20-75 HP & 75-220 HP SERIES

Chicago Pneumatic's OF 20-75 HP & 75-220 HP 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.

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.

3 MAXIMIZE YOUR SYSTEM PERFORMANCE

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







CERTIFIED
100%
OIL-FREE AIR

Chicago Pneumatic 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.

OIL FREE air

AIR QUALITY CLASS 0 ISO8573-1 OIL-FREE

Some applications require absolutely, unquestionably clean air. That is why Chicago Pneumatic 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

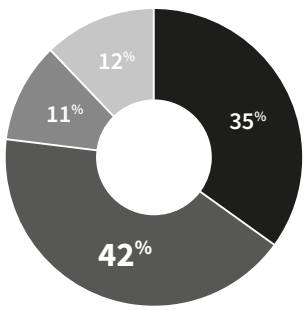
WHY EFFICIENCY MATTERS?

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%.





Chicago Pneumatic 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 Chicago Pneumatic 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.

*Warranty package is available at additional cost. To know more, contact Chicago Pneumatic representative.

OF
TECHNICAL DATA

OF 20-60	Working Pressure			Capacity FAD			Installed Motor		Weight Standard	
Model No.		bar (e)	psig	l/s	m³/min	cfm	kW	hp	kg	lb
OF20-7.5	-	7.5	109	38	2.3	81	15	20	984	2169
OF20-8.6	-	8.6	125	35	2.1	74	15	20	984	2169
OF20-10	-	10	145	30	1.8	64	15	20	984	2169
OF25-7.5	-	7.5	109	48	2.9	102	18.5	25	1014	2235
OF25-8.6	-	8.6	125	46	2.8	98	18.5	25	1014	2235
OF25-10	-	10	145	36	2.2	76	18.5	25	1014	2235
OF30-7.5	-	7.5	109	59	3.5	125	22	30	1024	2257
OF30-8.6	-	8.6	125	53	3.2	112	22	30	1024	2257
OF30-10	-	10	145	45	2.7	95	22	30	1024	2257
OF40-7.5	-	7.5	109	79	4.7	167	30	40	1251	2758
OF40-8.6	-	8.6	125	74	4.4	157	30	40	1251	2758
OF50-7.5	-	7.5	109	96	5.8	204	37	50	1321	2912
OF50-8.6	-	8.6	125	92	5.5	195	37	50	1321	2912
OF60-7.5	-	7.5	109	114	6.8	242	45	60	1341	2956
OF60-8.6	-	8.6	125	109	6.5	231	45	60	1341	2956

OF 30-75V	Working Pressure			Capacity FAD			Installed Motor		Weight Standard	
Model No.		bar (e)	psig	l/s	m³/min	cfm	kW	hp	kg	lb
OF30V-10	Minimum	4	58	21-57	1.3-3.4	45-121	22	30	1091	2405
	Effective	7	102	20-56	1.2-3.4	42-119				
	Maximum	10	145	19-47	1.1-2.8	40-100				
OF50V-8.6	Minimum	4	58	42-102	2.5-6.1	89-216	37	50	1386	3056
	Effective	7	102	41-101	2.5-6.1	87-214				
	Maximum	8.6	125	41-95	2.5-5.7	87-201				
OF75V-8.6	Minimum	4	58	42-144	2.5-8.6	89-305	55	75	1386	3056
	Effective	7	102	41-143	2.5-8.6	87-303				
	Maximum	8.6	125	41-139	2.5-8.3	87-295				

Model No.	Standard		
	A	B	C
	Length (mm/in)	Width (mm/in)	Height (mm/in)
OF20-30	1760	1026	1621
OF40-60	2005	1026	1880
OF30V	2195	1026	1621
OF50-75V	2440	1026	1880



OF
TECHNICAL DATA

OF 75-200	Working Pressure			Capacity FAD			Installed Motor		Weight Standard	
Model No.		bar (e)	psig	l/s	m³/min	cfm	kW	hp	kg	lb
OF75-7.5	-	7.5	109	139	8.3	295	55	75	1980	4365
OF75-8.6	-	8.6	125	137	8.2	290	55	75	1980	4365
OF100-7.5	-	7.5	109	201	12.1	426	75	100	2165	4773
OF100-8.6	-	8.6	125	182	10.9	386	75	100	2165	4773
OF125-7.5	-	7.5	109	237	14.2	502	90	125	2205	4861
OF125-8.6	-	8.6	125	224	13.4	475	90	125	2205	4861
OF150-7.5	-	7.5	109	307	18.4	651	110	150	2875	6338
OF150-8.6	-	8.6	125	286	17.2	606	110	150	2875	6338
OF175-7.5	-	7.5	109	363	21.8	770	132	175	2965	6537
OF175-8.6	-	8.6	125	325	19.5	689	132	175	2965	6537
OF200-7.5	-	7.5	109	387	23.2	820	145	200	3050	6724
OF200-8.6	-	8.6	125	358	21.5	759	145	200	3050	6724

OF 100-220V	Working Pressure			Capacity FAD			Installed Motor		Weight Standard	
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



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.

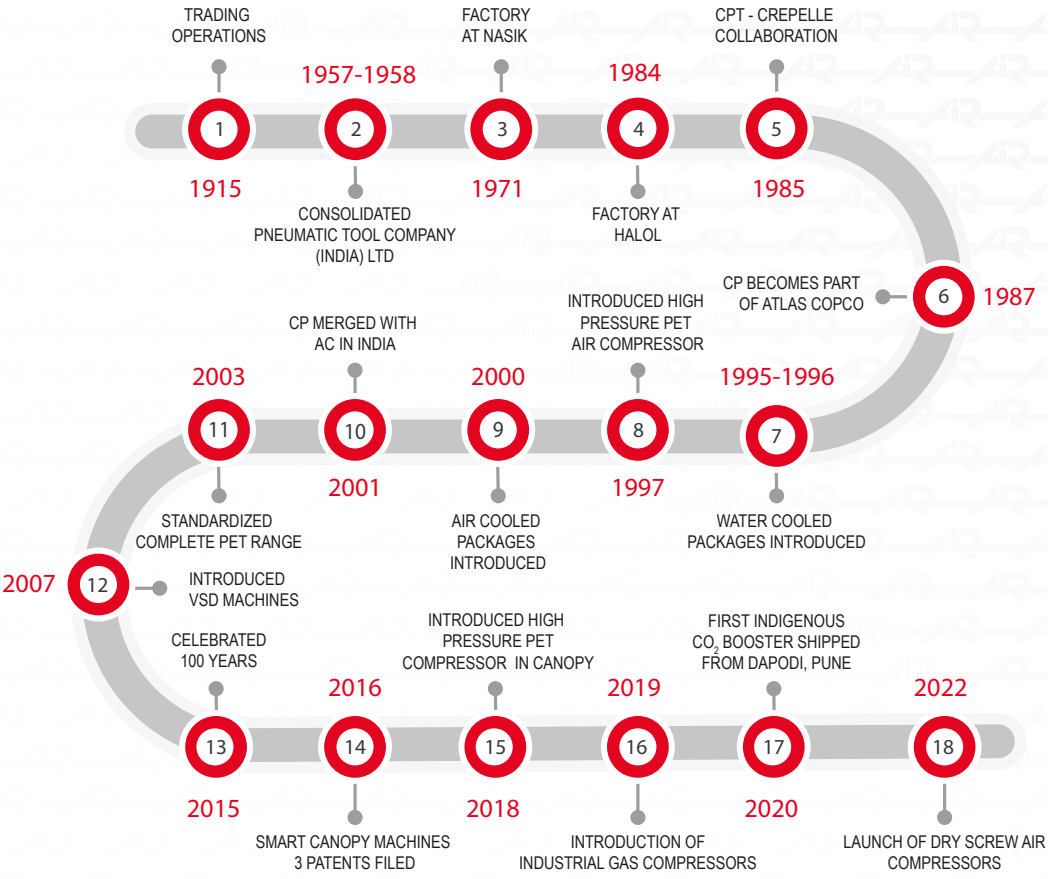
- Increase the **reliability** of your machine by identifying problems before they become a threat to the continuity of your production.
- **Analyze and optimize** your energy consumption and CO_2 emissions.
- Receive high-quality **energy reports** ensuring the ISO50001 compliance of your site.



CHICAGO PNEUMATIC

100+ YEARS OF INDUSTRIAL EXCELLENCE IN INDIA

Established in 1901 in the United States, Chicago Pneumatic has been a global leader in the design, manufacture and distribution of high performance compressors. Today, Chicago Pneumatic is an international brand that offers quality products to meet every requirement across almost all industries. Driven by a passion to research, develop, manufacture and deliver products that meet your exact needs, we want our customers' businesses to excel, regardless of the industry. In addition to pioneering design, high impact technology and durability, Chicago Pneumatic means Customer Value. We as a brand have always emphasized the importance of local service in order to build a global reach. When it comes to meeting global quality standards, you really need not look any further.



Chicago Pneumatic

At Chicago Pneumatic we have a passion for performance and long-lasting partnerships. Since 1901, we are committed to reliability based on technology and trust.



People. Passion. Performance.

6996005501

Chicago Pneumatic Compressors, India

Your lifetime partner for total compressed air and gas solution

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