

OF SERIES

Oil Free Screw
Air Compressors

45 - 450kW / 60 - 600hp

ELGi[®]
Always Better.



OF Series

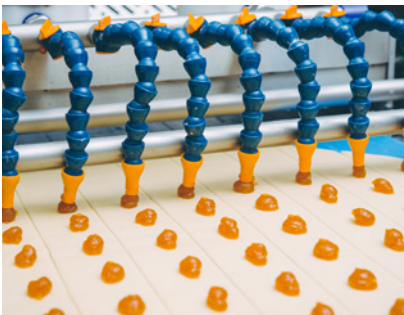
100% Class '0' Air | Consistent Performance
Lower Cost of Ownership | Better Reliability

Air Quality Matters

The quality of air in sensitive industries like Food and Beverage, Textile, Pharma, and Dairy, is vital. With increasing pollution concerns and the implementation of environmental regulations to reduce carbon footprint, industries around the world have realised the importance of oil free air.

To have oil free air, companies have had to deal with high costs and low efficiency in the past. The OF (Oil Free) Series of compressors powered by ELGi's proprietary technology is guaranteed to deliver one of the highest level of uptime and reliability.

Oil Free Air is Used Directly in the Entire
Manufacturing Process in these Industries.



FOOD & BEVERAGE



TEXTILE



AUTOMOTIVE



CEMENT



METALS



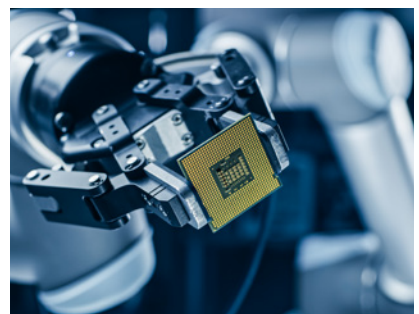
OIL & GAS



PHARMACEUTICALS



POWER



ELECTRONICS

Nearly 2 million litres (over 0.5 million gallons) of oil is released into the atmosphere every year.

As a result of global climate change and air quality concerns, we see an increase in collaborative international efforts to reduce the concentration of greenhouse gases and critical pollutants.



ELGi Oil Free Technology

ELGi is one of the few compressor manufacturers in the world that designs and builds oil free airends. The η -V rotor's slow running speeds reduce pressure losses and improve stage efficiency, resulting in a more effective compressed air system.

The component configuration of the OF Series machines has been optimised for easy serviceability and reduced service time. The compressors are exceptionally durable and lightweight, with low energy losses and low air outlet temperatures. They also incorporate superior safety standards. These advanced features are rolled into a single, straightforward user interface to ensure maximum uptime and reliability.



100% Class-0 Air



Customised Solutions



Reliable Products



Remote Monitoring System



Lower Life-Cycle Costs



Air Audit System



Customer Satisfaction



Innovative Products



OILFREE™

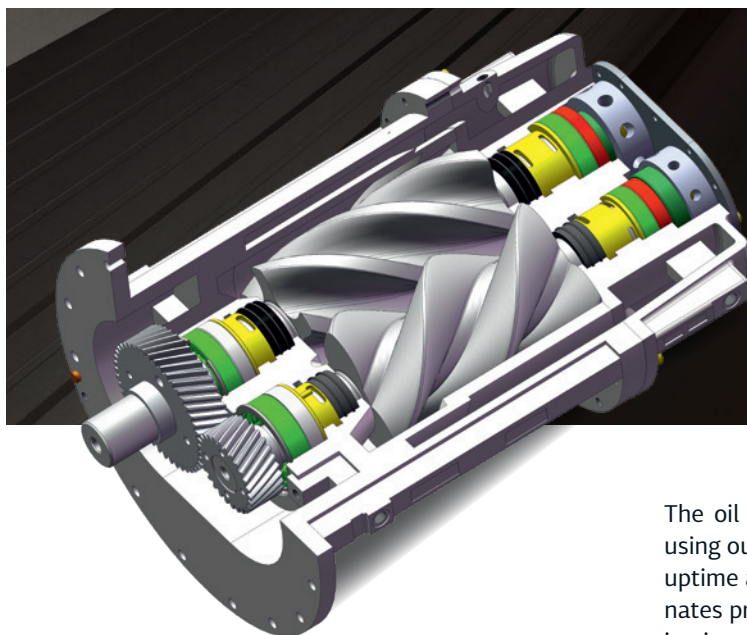
CLASS-0 ISO 8573-1

Consistent Class '0' Oil Free Air

The OF Series consistently produces oil free air that meets ISO 8573-1 class '0' oil requirements. The metal surfaces of the compressor are coated with a food-grade coating to ensure clean, oil free air without any metal particles. Pipes have a special e-coating that ensures clean, oil free air all the time. The optimised rotor clearances provide consistent air delivery.

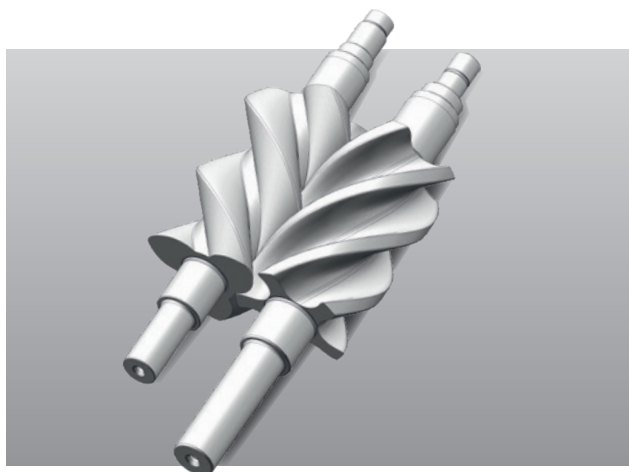


Made for industries where there is absolute intolerance of oil vapour present in the entire manufacturing process.



Proprietary Technology

The oil free air compressors are designed and developed using our in-house oil free technology, to provide maximum uptime and reliability. The η -V rotor design from ELGi eliminates pressure losses and improves stage efficiency, resulting in a more efficient compressed air system. Slower rotor speeds mean less wear and tear, less vibration, and more stable long-term performance.



Long Term Reliability And Efficiency With ELGi's Proprietary Coating

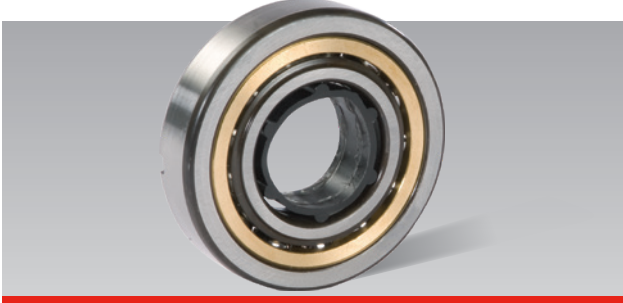
ELGi's airend rotors and housing are coated with a proprietary food-grade coating that can withstand temperatures up to 250 degrees Celsius and resist corrosion. This leads to excellent long-term performance without any efficiency loss.



Cooling Systems Designed For Greater Temperature Differences

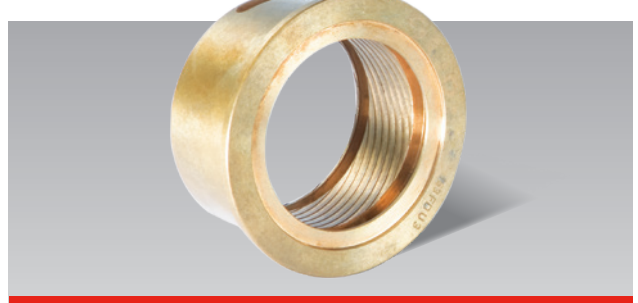
Our oil free series features coolers with a water-in-tube system specially designed for temperature differences of up to 8 degrees Celsius and have the lowest fouling factor and highest thermal efficiency of any product in its class.

Every component in ELGi OF Series starting from design, manufacturing till quality testing embody the philosophy of Uptime. The materials used ensure long life, reliability and ruggedness under wide ambient conditions to provide you with oil-free air for uninterrupted and seamless productivity.



Bearing

- Special bearings running at relatively low speeds and high temperatures.
- Optimized for oil free compressor speeds and temperatures considering the load and unload conditions.



Oil-Seal

- Non-contact type Visco seals made of Bronze.
- Helical grooves cut with helix direction opposite to rotor rotation to prevent oil entry into compression chamber.



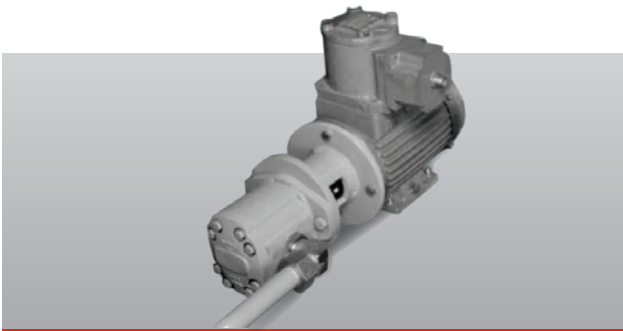
Casing

- Completely coated with PP® coating (Food Grade).
- Water jackets are also coated with the same coating.



Air Seal

- Carbon impregnated SS Floating type seals.
- Axially locked by Belleville spring and radially locked by compressed air.



Oil Pump

- Separate motor-powered oil pump ensures lubrication before and during start of machine (ensuring no dry running of gears and bearings).
- All oil tubing is made of stainless steel to increase reliability.



Timing Gears

- Helical gears, precision ground to DIM 4 quality and case hardened to minimize transmission losses and noise during operation.
- Dynamically balanced to reduce vibrations by optimizing the loads on bearings and increase bearing life.

Features & Benefits



Superior Warranty

ELGi's OF Series compressors come with superior warranty. Beginning with its design, manufacturing, and quality testing, the compressor is built to ensure long life, reliability, and durability.



Low Maintenance Costs

The Rack and Pinion capacity control system can power over one million cycles with no maintenance. It allows the machine to operate numerous cycles in a minute with a reduction in pressure band. This saves energy and maintains pressure discharge. This feature considerably lowers the cost of ownership.



Reliable Working Conditions

The use of rigid stainless-steel tubes improves compressor reliability and lowers maintenance costs. Its tropical design ensures reliable operation in harsh working temperatures ranging from -5 to 45 degrees Celsius.



Low Cost of Ownership

The high energy efficiency design reduces the life cycle cost and lowers the cost of ownership. The compressor uses low-pressure cooling-water heads, which reduces the amount of energy used by feed water pumps.

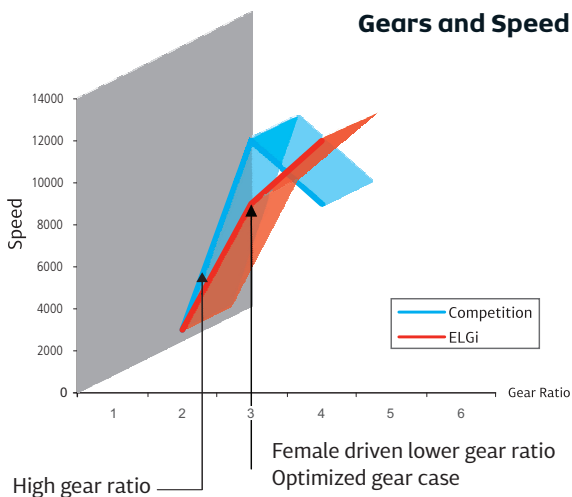
A smaller cooling water pump reduces power consumption. The optimised airoend design provides best-in-class efficiency and a faster return on investment. By lowering operating costs, the compressor ultimately provides quick returns on investment.

Intelligent Control System

The use of a dedicated Programmable Logic Controller (PLC) with more than 15 safety interlocks to gather input from analogue and digital modules ensures increased system reliability.

The PLC comes with customised solutions that include add-on features.

1. DCS connectivity with Modbus.
2. Customised in line with client requirements.
3. Shock pulse monitoring system.

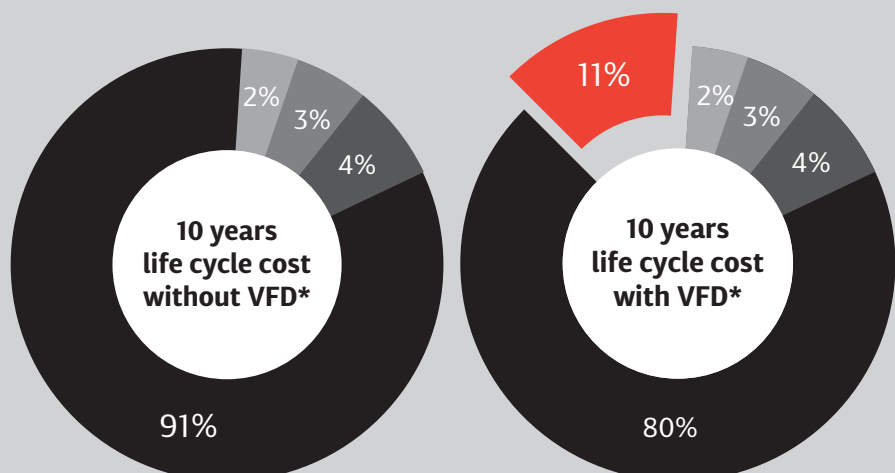
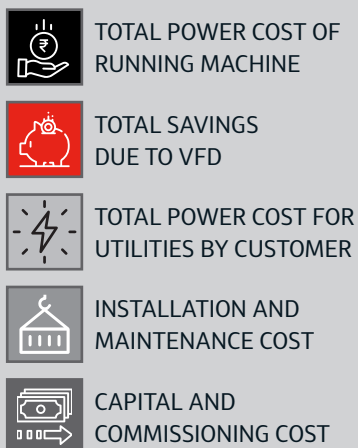


Reliability/ Working Conditions

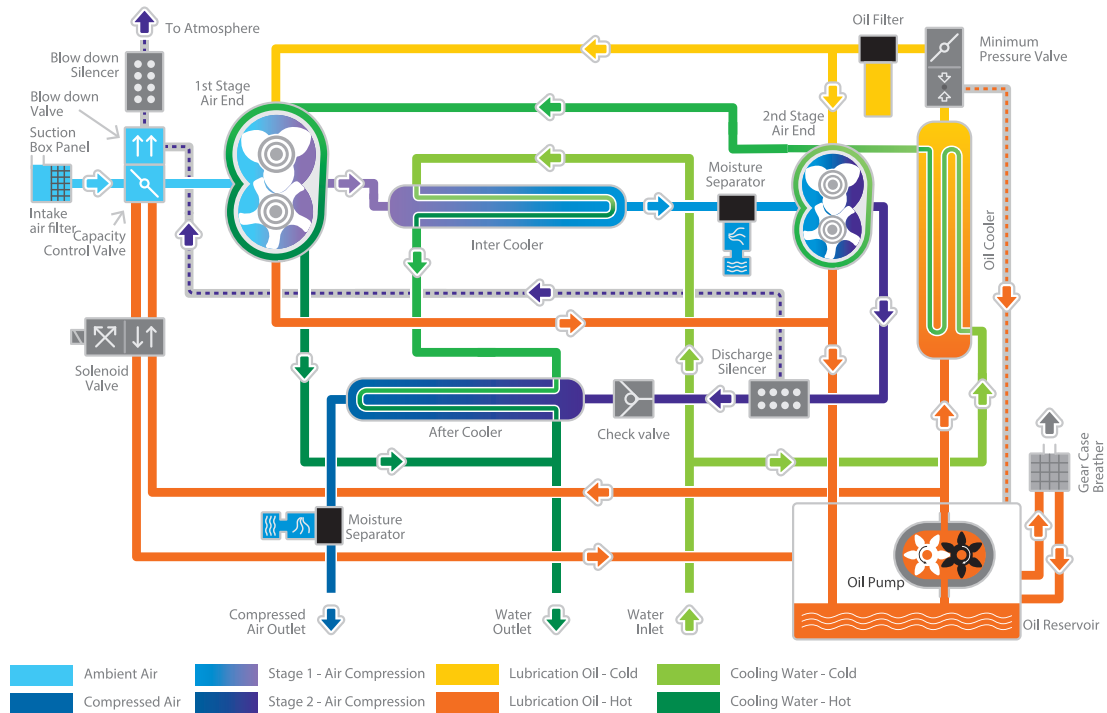
- Lower speed of airend gives **better reliability** due to lower gear ratio.
- Usage of rigid stainless-steel tubes **improves product reliability and reduces maintenance**.
- Load unload **pressure differential is 0.2 bar g**.
- Tropical design ensures **reliable operation at severe working temperature (-5°C to 45°C)**

Improved Cost Of Ownership

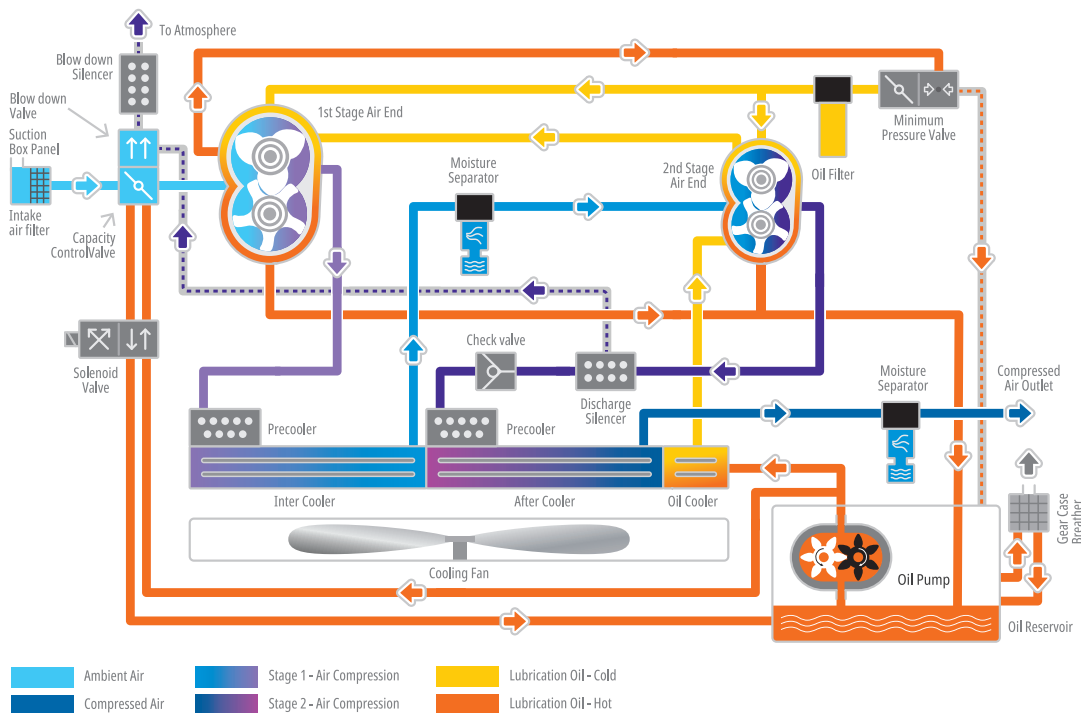
ELGi OF Series is designed to deliver quick returns on capital invested by reducing the operating cost.



Oil Free Two Stage Water Cooled



Oil Free Two Stage Air Cooled



Technical Specifications - OF Series

AIR COOLED FIXED SPEED (50Hz)

Model	Nominal Power		Working Pressure		Free Air Delivery		Weight	Noise Level	Dimensions (LxBxH)
50 Hz	kW	hp	bar	psi	cfm	m ³ /min	kg	db(A)	mm
OF 45	45	60	7.0	100.0	235	6.65	2600	78 ± 3	2200 x 1250 x 2000
	45	60	8.8	125.0	190	5.38	2600	78 ± 3	2200 x 1250 x 2000
OF 55	55	75	7.0	100.0	295	8.40	2600	78 ± 3	2200 x 1250 x 2000
	55	75	8.8	125.0	257	7.30	2600	78 ± 3	2200 x 1250 x 2000
	55	75	10.0	145.0	193	5.46	2600	78 ± 3	2200 x 1250 x 2300
OF 75	75	100	7.0	100.0	410	11.61	2600	78 ± 3	2200 x 1250 x 2000
	75	100	8.8	125.0	360	10.20	2600	78 ± 3	2200 x 1250 x 2000
	75	100	10.0	145.0	295	8.35	2600	78 ± 3	2200 x 1250 x 2300
OF 90	90	125	7.0	100.0	568	16.08	4800	82 ± 3	2950 x 1850 x 2270
	90	125	8.0	115.0	509	14.41	4800	82 ± 3	2950 x 1850 x 2270
	90	125	8.8	125.0	485	13.73	4800	82 ± 3	2950 x 1850 x 2270
	90	125	10.0	145.0	403	11.40	4800	82 ± 3	2950 x 1850 x 2570
OF 110	110	150	7.0	100.0	654	18.52	4800	82 ± 3	2950 x 1850 x 2270
	110	150	8.0	115.0	592	16.76	4800	82 ± 3	2950 x 1850 x 2270
	110	150	8.8	125.0	560	15.86	4800	82 ± 3	2950 x 1850 x 2270
	110	150	10.0	145.0	473	13.39	4800	82 ± 3	2950 x 1850 x 2570
OF 135	132	200	7.0	100.0	855	24.21	5750	82 ± 3	2950 x 1850 x 2270
	132	200	8.0	115.0	793	22.46	5750	82 ± 3	2950 x 1850 x 2270
	132	200	8.8	125.0	754	21.35	5750	82 ± 3	2950 x 1850 x 2270
OF 145	160	250	7.0	100.0	889	25.17	5750	82 ± 3	2950 x 1850 x 2270
	160	250	8.0	115.0	824	23.33	5750	82 ± 3	2950 x 1850 x 2270
	160	250	8.8	125.0	785	22.23	5750	82 ± 3	2950 x 1850 x 2270
	160	250	10.0	145.0	680	19.24	5750	82 ± 3	2950 x 1850 x 2570
OF 170	160	250	7.0	100.0	1050	29.73	5750	82 ± 3	2950 x 1850 x 2270
	160	250	8.0	115.0	999	28.29	5750	82 ± 3	2950 x 1850 x 2270
	160	250	8.8	125.0	957	27.10	5750	82 ± 3	2950 x 1850 x 2270
	160	250	10.0	145.0	802	22.70	5750	82 ± 3	2950 x 1850 x 2570
OF 200	200	300	7.0	100.0	1307	37.00	7042	85 ± 3	5200 x 2000 x 2050
	200	300	8.0	115.0	1208	34.20	7042	85 ± 3	5200 x 2000 x 2050
	200	300	8.8	125.0	1198	33.92	7042	85 ± 3	5200 x 2000 x 2050
OF 210	250	300	7.0	100.0	1428	40.40	7042	85 ± 3	5200 x 2000 x 2050
	250	300	8.0	115.0	1346	38.10	7042	85 ± 3	5200 x 2000 x 2050
	250	300	8.8	125.0	1297	36.70	7042	85 ± 3	5200 x 2000 x 2050
	250	300	10.0	145.0	1173	33.20	7042	85 ± 3	5200 x 2000 x 2050

AIR COOLED FIXED SPEED (50Hz)

Model	Nominal Power		Working Pressure		Free Air Delivery		Weight	Noise Level	Dimensions (LxBxH)
50 Hz	kW	hp	bar	psi	cfm	m ³ /min	kg	db(A)	mm
OF 250	250	300	7.0	100.0	1481	41.90	7930	85 ± 3	5200 x 2000 x 2050
	250	300	8.0	115.0	1388	39.30	7930	85 ± 3	5200 x 2000 x 2050
	250	300	8.8	125.0	1337	37.90	7930	85 ± 3	5200 x 2000 x 2050
	250	300	10.0	145.0	1210	34.24	7930	85 ± 3	5200 x 2000 x 2050
OF 265	275	350	7.0	100.0	1597	45.20	7930	85 ± 3	5200 x 2000 x 2050
	275	350	8.0	115.0	1504	42.60	7930	85 ± 3	5200 x 2000 x 2050
	275	350	8.8	125.0	1405	39.80	7930	85 ± 3	5200 x 2000 x 2050
	275	350	10.0	145.0	1278	36.17	7930	85 ± 3	5200 x 2000 x 2050
OF 275	315	350	7.0	100.0	1645	46.60	7930	85 ± 3	5200 x 2000 x 2050
	315	350	8.0	115.0	1550	43.90	7930	85 ± 3	5200 x 2000 x 2050
	315	350	8.8	125.0	1495	42.30	7930	85 ± 3	5200 x 2000 x 2050
	315	350	10.0	145.0	1354	38.09	7930	85 ± 3	5200 x 2000 x 2050
OF 300	315	400	7.0	100.0	1741	49.30	7930	85 ± 3	5200 x 2000 x 2050
	315	400	8.0	115.0	1641	46.50	7930	85 ± 3	5200 x 2000 x 2050
	315	400	8.8	125.0	1588	45.00	7930	85 ± 3	5200 x 2000 x 2050
	315	400	10.0	145.0	1400	39.62	7930	85 ± 3	5200 x 2000 x 2050

Note:

1. Free Air Delivery (FAD) are tested as per ISO 1217 : 2009 - Annex C
2. FAD indicated is for the full package measured at the outlet
3. Weight indicated is approximate and actual can vary significantly
4. Due to continuous improvements, specifications are subject to change without prior notice
5. Displayed here is the standard range. For customized packages with different voltages, medium and high voltage motor, pressure variants, please contact our nearest sales office
6. All standard packages can be offered with built-in VFD. Please contact our nearest sales office for specifications and turndown details
7. The ambient temperature operating conditions -5°C to 45°C
8. Sound level measured as per ISO 2151, Second Edition at 1m distance in field conditions, +/-3dB(A)
9. All motors can be supplied for various country standards like ABNT, NEMA and IEC however packages(dimension & weight) may vary

Technical Specifications - OF Series

AIR COOLED VARIABLE SPEED (50Hz)

Model	Nominal Power		Working Pressure		Free Air Delivery		Weight	Noise Level	Dimensions (LxBxH)
50 Hz	kW	hp	bar	psi	cfm	m ³ /min	kg	db(A)	mm
OF 45	45	60	7.0	100.0	235-132	6.70	2600	78 ± 3	2200 x 1250 x 2000
	45	60	8.0	115.0	205-181	5.80	2600	78 ± 3	2200 x 1250 x 2000
	45	60	8.8	125.0	190	5.38	2600	78 ± 3	2200 x 1250 x 2000
OF 55	55	75	7.0	100.0	220-295	6.2-8.4	2600	78 ± 3	2200 x 1250 x 2000
	55	75	8.0	115.0	216-268	6.1-7.6	2600	78 ± 3	2200 x 1250 x 2000
	55	75	8.8	125.0	212-257	6.0-7.2	2600	78 ± 3	2200 x 1250 x 2000
OF 75	75	100	7.0	100.0	208-410	5.8-11.6	2600	78 ± 3	2200 x 1250 x 2000
	75	100	8.0	115.0	213-382	6.0-10.8	2600	78 ± 3	2200 x 1250 x 2000
	75	100	8.8	125.0	211-360	5.9-10.2	2600	78 ± 3	2200 x 1250 x 2000
	75	100	10.0	145.0	187-295	5.36-8.35	2600	78 ± 3	2200 x 1250 x 2300
OF 90	90	125	7.0	100.0	380-568	10.7-16.0	4800	82 ± 3	2950 x 1850 x 2270
	90	125	8.0	115.0	400-509	11.3-14.4	4800	82 ± 3	2950 x 1850 x 2270
	90	125	8.8	125.0	370-485	10.4-13.7	4800	82 ± 3	2950 x 1850 x 2270
OF 110	110	150	7.0	100.0	390-654	11.0-18.5	4800	82 ± 3	2950 x 1850 x 2270
	110	150	8.0	115.0	430-592	12.1-16.7	4800	82 ± 3	2950 x 1850 x 2270
	110	150	8.8	125.0	455-560	12.8-15.8	4800	82 ± 3	2950 x 1850 x 2270
	110	150	10.0	145.0	400-473	11.3-13.3	4800	82 ± 3	2950 x 1850 x 2570
OF 135	132	200	7.0	100.0	694-855	19.6-24.2	5750	82 ± 3	2950 x 1850 x 2270
	132	200	8.0	115.0	678-793	19.2-22.4	5750	82 ± 3	2950 x 1850 x 2270
	132	200	8.8	125.0	694-754	19.6-21.3	5750	82 ± 3	2950 x 1850 x 2270
OF 145	160	250	7.0	100.0	718-889	20.3-25.1	5750	82 ± 3	2950 x 1850 x 2270
	160	250	8.0	115.0	716-824	20.2-23.3	5750	82 ± 3	2950 x 1850 x 2270
	160	250	8.8	125.0	711-785	20.1-22.2	5750	82 ± 3	2950 x 1850 x 2270
OF 170	160	250	7.0	100.0	526-1050	14.7-29.7	5750	82 ± 3	2950 x 1850 x 2270
	160	250	8.0	115.0	670-999	18.9-28.2	5750	82 ± 3	2950 x 1850 x 2270
	160	250	8.8	125.0	652-957	18.4-27.1	5750	82 ± 3	2950 x 1850 x 2270
	160	250	10.0	145.0	650-802	18.4-22.7	5750	82 ± 3	2950 x 1850 x 2570
OF 200	200	300	7.0	100.0	1121-1307	31.3-36.6	7930	80 ± 3	5200 x 2000 x 2050
	200	300	8.0	115.0	1107-1208	31.0-33.8	7930	80 ± 3	5200 x 2000 x 2050
	200	300	8.8	125.0	1135-1198	31.7-33.5	7930	80 ± 3	5200 x 2000 x 2050
OF 210	250	300	7.0	100.0	1062-1428	29.7-40.0	7930	80 ± 3	5200 x 2000 x 2050
	250	300	8.0	115.0	1067-1346	29.8-37.6	7930	80 ± 3	5200 x 2000 x 2050
	250	300	8.8	125.0	1065-1297	29.8-36.3	7930	80 ± 3	5200 x 2000 x 2050
OF 250	250	300	7.0	100.0	1068-1481	29.9-41.4	7930	80 ± 3	5200 x 2000 x 2050
	200	300	8.0	115.0	911-1388	25.5-38.8	7930	80 ± 3	5200 x 2000 x 2050
	200	300	8.8	125.0	1064-1337	29.8-37.4	7930	80 ± 3	5200 x 2000 x 2050
OF 265	275	350	7.0	100.0	1049-1597	29.3-44.7	7930	80 ± 3	5200 x 2000 x 2050
	275	350	8.0	115.0	1035-1504	29.0-42.1	7930	80 ± 3	5200 x 2000 x 2050
	275	350	8.8	125.0	1033-1405	28.9-39.3	7930	80 ± 3	5200 x 2000 x 2050
OF 275	275	350	7.0	100.0	948-1645	26.5-46.6	7930	80 ± 3	5200 x 2000 x 2050
	275	350	8.0	115.0	968-1550	27.1-43.4	7930	80 ± 3	5200 x 2000 x 2050
	275	350	8.8	125.0	947-1495	26.5-41.8	7930	80 ± 3	5200 x 2000 x 2050
OF 300	300	400	7.0	100.0	1039-1741	29.0-48.7	7930	80 ± 3	5200 x 2000 x 2050
	300	400	8.0	115.0	1056-1641	29.5-46.0	7930	80 ± 3	5200 x 2000 x 2050
	300	400	8.8	125.0	898-1588	25.1-44.4	7930	80 ± 3	5200 x 2000 x 2050

Refer page 11

WATER COOLED FIXED SPEED (50Hz)

Model	Nominal Power		Working Pressure		Free Air Delivery		Weight	Noise Level	Dimensions (LxBxH)
50 Hz	kW	hp	bar	psi	cfm	m ³ /min	kg	db(A)	mm
OF 90	90	125	7.0	100.0	575	16.28	4500	77 ± 3	2955 x 1650 x 1850
	90	125	8.0	115.0	508	14.38	4500	77 ± 3	2955 x 1650 x 1850
	90	125	8.8	125.0	483	13.67	4500	77 ± 3	2955 x 1650 x 1850
	90	125	10.0	145.0	403	11.41	4500	77 ± 3	2955 x 1650 x 1850
OF 110	110	150	7.0	100.0	678	19.19	4500	77 ± 3	2955 x 1650 x 1850
	110	150	8.0	115.0	603	17.07	4500	77 ± 3	2955 x 1650 x 1850
	110	150	8.8	125.0	568	16.08	4500	77 ± 3	2955 x 1650 x 1850
	110	150	10.0	145.0	473	13.39	4500	77 ± 3	2955 x 1650 x 1850
OF 135	132	200	7.0	100.0	863	24.43	4900	79 ± 3	2955 x 1650 x 1850
	132	200	8.0	115.0	803	22.73	4900	79 ± 3	2955 x 1650 x 1850
	132	200	8.8	125.0	753	21.32	4900	79 ± 3	2955 x 1650 x 1850
OF 145	160	250	7.0	100.0	883	25.00	4900	79 ± 3	2955 x 1650 x 1850
	160	250	8.0	115.0	818	23.16	4900	79 ± 3	2955 x 1650 x 1850
	160	250	8.8	125.0	778	22.03	4900	79 ± 3	2955 x 1650 x 1850
	160	250	10.0	145.0	688	19.48	4900	79 ± 3	2955 x 1650 x 1850
OF 170	160	250	7.0	100.0	1080	30.57	4900	79 ± 3	2955 x 1650 x 1850
	160	250	8.0	115.0	993	28.11	4900	79 ± 3	2955 x 1650 x 1850
	160	250	8.8	125.0	953	26.98	4900	79 ± 3	2955 x 1650 x 1850
	160	250	10.0	145.0	808	22.87	4900	79 ± 3	2955 x 1650 x 1850
OF 200	200	300	7.0	100.0	1363	38.59	6350	80 ± 3	3500 x 1850 x 2050
	200	300	8.0	115.0	1253	35.47	6350	80 ± 3	3500 x 1850 x 2050
	200	300	8.8	125.0	1233	34.91	6350	80 ± 3	3500 x 1850 x 2050
OF 210	250	300	7.0	100.0	1469	41.59	6350	80 ± 3	3500 x 1850 x 2050
	250	300	8.0	115.0	1383	39.15	6350	80 ± 3	3500 x 1850 x 2050
	250	300	8.8	125.0	1328	37.60	6350	80 ± 3	3500 x 1850 x 2050
	250	300	10.0	145.0	1203	34.06	6350	80 ± 3	3500 x 1850 x 2050
OF 250	250	300	7.0	100.0	1521	43.06	6350	80 ± 3	3500 x 1850 x 2050
	250	300	8.0	115.0	1423	40.29	6350	80 ± 3	3500 x 1850 x 2050
	250	300	8.8	125.0	1368	38.73	6350	80 ± 3	3500 x 1850 x 2050
	250	300	10.0	145.0	1248	35.33	6350	80 ± 3	3500 x 1850 x 2050
OF 265	275	350	7.0	100.0	1663	47.08	6350	80 ± 3	3500 x 1850 x 2050
	275	350	8.0	115.0	1563	44.25	6350	80 ± 3	3500 x 1850 x 2050
	275	350	8.8	125.0	1458	41.28	6350	80 ± 3	3500 x 1850 x 2050
	275	350	10.0	145.0	1298	36.75	6350	80 ± 3	3500 x 1850 x 2050

Technical Specifications - OF Series

WATER COOLED FIXED SPEED (50Hz)

Model	Nominal Power		Working Pressure		Free Air Delivery		Weight	Noise Level	Dimensions (LxBxH)
50 Hz	kW	hp	bar	psi	cfm	m ³ /min	kg	db(A)	mm
OF 275	315	350	7.0	100.0	1715	48.55	6350	80 ± 3	3500 x 1850 x 2050
	315	350	8.0	115.0	1613	45.66	6350	80 ± 3	3500 x 1850 x 2050
	315	350	8.8	125.0	1558	44.11	6350	80 ± 3	3500 x 1850 x 2050
	315	350	10.0	145.0	1348	38.16	6350	80 ± 3	3500 x 1850 x 2050
OF 300	315	400	7.0	100.0	1839	52.06	6350	80 ± 3	3500 x 1850 x 2050
	315	400	8.0	115.0	1708	48.35	6350	80 ± 3	3500 x 1850 x 2050
	315	400	8.8	125.0	1653	46.80	6350	80 ± 3	3500 x 1850 x 2050
	315	400	10.0	145.0	1443	40.85	6350	80 ± 3	3500 x 1850 x 2050
OF 355	355	480	7.0	100.0	2003	56.70	9500	85 ± 3	4200 x 2100 x 2550
	355	480	8.0	115.0	1988	56.28	9500	85 ± 3	4200 x 2100 x 2550
	355	480	8.8	125.0	1988	56.28	9500	85 ± 3	4200 x 2100 x 2550
	355	480	10.0	145.0	1771	50.14	9500	85 ± 3	4200 x 2100 x 2550
OF 400	400	550	7.0	100.0	2263	64.07	9500	85 ± 3	4200 x 2100 x 2550
	400	550	8.0	115.0	2263	64.07	9500	85 ± 3	4200 x 2100 x 2550
	400	550	8.8	125.0	2263	64.07	9500	85 ± 3	4200 x 2100 x 2550
	400	550	10.0	145.0	2018	57.13	9500	85 ± 3	4200 x 2100 x 2550
OF 450	450	610	7.0	100.0	2518	71.28	9500	85 ± 3	4200 x 2100 x 2550
	450	610	8.0	115.0	2513	71.14	9500	85 ± 3	4200 x 2100 x 2550
	450	610	8.8	125.0	2513	71.14	9500	85 ± 3	4200 x 2100 x 2550
	450	610	10.0	145.0	2225	63.00	9500	85 ± 3	4200 x 2100 x 2550

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WATER COOLED VARIABLE SPEED (50Hz)

Model	Nominal Power		Working Pressure		Free Air Delivery		Weight	Noise Level	Dimensions (LxBxH)
50 Hz	kW	hp	bar	psi	cfm	m ³ /min	kg	db(A)	mm
OF 90	90	125	7.0	100.0	372-575	10.5-16.2	4500	77 ± 3	2955 x 1650 x 1850
	90	125	8.0	115.0	366-508	10.3-14.3	4500	77 ± 3	2955 x 1650 x 1850
	90	125	8.8	125.0	366-483	10.3-13.6	4500	77 ± 3	2955 x 1650 x 1850
OF 110	110	150	7.0	100.0	370-678	10.4-19.2	4500	77 ± 3	2955 x 1650 x 1850
	110	150	8.0	115.0	370-603	10.4-17.0	4500	77 ± 3	2955 x 1650 x 1850
	110	150	8.8	125.0	365-568	10.3-16.1	4500	77 ± 3	2955 x 1650 x 1850
	110	150	10.0	145.0	400-473	11.3-13.4	4500	77 ± 3	2955 x 1650 x 1850
OF 135	132	200	7.0	100.0	625-863	17.7-24.4	4900	79 ± 3	2955 x 1650 x 1850
	132	200	8.0	115.0	621-803	17.5-22.7	4900	79 ± 3	2955 x 1650 x 1850
	132	200	8.8	125.0	606-753	17.1-21.3	4900	79 ± 3	2955 x 1650 x 1850
OF 145	160	250	7.0	100.0	625-883	17.7-25.0	4900	79 ± 3	2955 x 1650 x 1850
	160	250	8.0	115.0	621-818	17.6-23.1	4900	79 ± 3	2955 x 1650 x 1850
	160	250	8.8	125.0	608-778	17.2-22.0	4900	79 ± 3	2955 x 1650 x 1850
	160	250	10.0	145.0	650-688	18.4-19.4	4900	79 ± 3	2955 x 1650 x 1850
OF 170	160	250	7.0	100.0	625-1080	17.7-30.5	4900	79 ± 3	2955 x 1650 x 1850
	160	250	8.0	115.0	621-993	17.6-28.1	4900	79 ± 3	2955 x 1650 x 1850
	160	250	8.8	125.0	606-953	17.1-27.0	4900	79 ± 3	2955 x 1650 x 1850
	160	250	10.0	145.0	650-808	18.4-22.9	4900	79 ± 3	2955 x 1650 x 1850
OF 200	200	300	7.0	100.0	923-1363	25.8-38.6	6350	80 ± 3	3500 x 1850 x 2050
	200	300	8.0	115.0	1175-1253	33.2-35.4	6350	80 ± 3	3500 x 1850 x 2050
	200	300	8.8	125.0	1170-1233	33.1-35.0	6350	80 ± 3	3500 x 1850 x 2050
OF 210	250	300	7.0	100.0	1107-1469	31.3-41.6	6350	80 ± 3	3500 x 1850 x 2050
	250	300	8.0	115.0	1105-1383	31.2-39.1	6350	80 ± 3	3500 x 1850 x 2050
	250	300	8.8	125.0	1093-1328	31.0-37.6	6350	80 ± 3	3500 x 1850 x 2050
	250	300	10.0	145.0	1152-1205	32.6-34.11	6350	80 ± 3	3500 x 1850 x 2050
OF 250	250	300	7.0	100.0	1107-1521	31.3-43.0	6350	80 ± 3	3500 x 1850 x 2050
	250	300	8.0	115.0	1104-1423	31.2-40.3	6350	80 ± 3	3500 x 1850 x 2050
	250	300	8.8	125.0	1091-1368	30.8-38.7	6350	80 ± 3	3500 x 1850 x 2050
	250	300	10.0	145.0	1150-1252	32.5-35.4	6350	80 ± 3	3500 x 1850 x 2050
OF 265	275	350	7.0	100.0	1108-1663	31.3-47.0	6350	80 ± 3	3500 x 1850 x 2050
	275	350	8.0	115.0	1106-1563	31.3-44.2	6350	80 ± 3	3500 x 1850 x 2050
	275	350	8.8	125.0	1088-1458	30.8-41.2	6350	80 ± 3	3500 x 1850 x 2050
	275	350	10.0	145.0	1159-1293	32.8-36.6	6350	80 ± 3	3500 x 1850 x 2050

Technical Specifications - OF Series**WATER COOLED VARIABLE SPEED (50Hz)**

Model	Nominal Power		Working Pressure		Free Air Delivery		Weight	Noise Level	Dimensions (LxBxH)
50 Hz	kW	hp	bar	psi	cfm	m ³ /min	kg	db(A)	mm
OF 275	315	350	7.0	100.0	1036-1715	29.3-48.5	6350	80 ± 3	3500 x 1850 x 2050
	315	350	8.0	115.0	1034-1613	29.2-45.6	6350	80 ± 3	3500 x 1850 x 2050
	315	350	8.8	125.0	1010-1558	28.6-44.1	6350	80 ± 3	3500 x 1850 x 2050
	315	350	10.0	145.0	1163-1332	33.0-37.7	6350	80 ± 3	3500 x 1850 x 2050
OF 300	315	400	7.0	100.0	1052-1839	29.8-52.0	6350	80 ± 3	3500 x 1850 x 2050
	315	400	8.0	115.0	911-1708	25.5-48.3	6350	80 ± 3	3500 x 1850 x 2050
	315	400	8.8	125.0	906-1653	25.3-46.8	6350	80 ± 3	3500 x 1850 x 2050
	315	400	10.0	145.0	1147-1450	32.4-41.0	6350	80 ± 3	3500 x 1850 x 2050
OF 400	400	550	7.0	100.0	1371-2263	38.3-64.0	9500	85 ± 3	4200 x 2100 x 2550
	400	550	8.0	115.0	1768-2263	50.0-64.0	9500	85 ± 3	4200 x 2100 x 2550
	400	550	8.8	125.0	1766-2263	50.0-64.0	9500	85 ± 3	4200 x 2100 x 2550
	400	550	10.0	145.0	1598-2018	45.2-57.1	9500	85 ± 3	4200 x 2100 x 2550
OF 450	450	610	7.0	100.0	1375-2518	38.5-71.3	9500	85 ± 3	4200 x 2100 x 2550
	450	610	8.0	115.0	1781-2513	50.4-71.1	9500	85 ± 3	4200 x 2100 x 2550
	450	610	8.8	125.0	1781-2513	50.4-71.1	9500	85 ± 3	4200 x 2100 x 2550
	450	610	10.0	145.0	1579-2225	44.7-63.0	9500	85 ± 3	4200 x 2100 x 2550

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AIR COOLED FIXED SPEED (60Hz)

Model	Nominal Power		Working Pressure		Free Air Delivery		Weight	Noise Level	Dimensions (LxBxH)
60 Hz	kW	hp	bar	psi	cfm	m ³ /min	kg	db(A)	mm
OF 45	45	60	7.0	100.0	235	6.65	5732	78 ± 3	86.6 x 49.2 x 78.7
	45	60	8.6	125.0	190	5.38	5732	78 ± 3	86.6 x 49.2 x 78.7
OF 55	55	75	7.0	100.0	295	8.35	5732	78 ± 3	86.6 x 49.2 x 78.7
	55	75	8.6	125.0	257	7.28	5732	78 ± 3	86.6 x 49.2 x 78.7
	55	75	10.0	145.0	193	5.46	5732	78 ± 3	86.6 x 49.2 x 90.7
OF 75	75	100	7.0	100.0	425	12.03	5732	78 ± 3	86.6 x 49.2 x 78.7
	75	100	8.6	125.0	360	10.19	5732	78 ± 3	86.6 x 49.2 x 78.7
	75	100	10.0	145.0	295	8.35	5732	78 ± 3	86.6 x 49.2 x 90.7
OF 90	90	125	7.0	100.0	549	15.54	10580	82 ± 3	116.1 x 72.8 x 90.0
	90	125	8.0	115.0	505	14.30	10580	82 ± 3	116.1 x 72.8 x 90.0
	90	125	8.6	125.0	480	13.59	10580	82 ± 3	116.1 x 72.8 x 90.0
	90	125	10.0	145.0	395	11.18	10580	82 ± 3	116.1 x 72.8 x 102
OF 110	110	150	7.0	100.0	660	18.68	10580	82 ± 3	116.1 x 72.8 x 90.0
	110	150	8.0	115.0	592	16.76	10580	82 ± 3	116.1 x 72.8 x 90.0
	110	150	8.6	125.0	560	15.85	10580	82 ± 3	116.1 x 72.8 x 90.0
	110	150	10.0	145.0	478	13.53	10580	82 ± 3	116.1 x 72.8 x 102
OF 135	132	200	7.0	100.0	855	24.21	12676	82 ± 3	116.1 x 72.8 x 90.0
	132	200	8.0	115.0	793	22.45	12676	82 ± 3	116.1 x 72.8 x 90.0
	132	200	8.8	125.0	754	21.35	12676	82 ± 3	116.1 x 72.8 x 90.0
OF 145	160	250	7.0	100.0	889	25.17	12676	82 ± 3	116.1 x 72.8 x 90.0
	160	250	8.0	115.0	824	23.33	12676	82 ± 3	116.1 x 72.8 x 90.0
	160	250	8.6	125.0	785	22.22	12676	82 ± 3	116.1 x 72.8 x 90.0
	160	250	10.0	145.0	708	20.04	12676	82 ± 3	116.1 x 72.8 x 102
OF 170	160	250	7.0	100.0	1050	29.73	12676	82 ± 3	116.1 x 72.8 x 90.0
	160	250	8.0	115.0	999	28.28	12676	82 ± 3	116.1 x 72.8 x 90.0
	160	250	8.6	125.0	957	27.09	12676	82 ± 3	116.1 x 72.8 x 90.0
	160	250	10.0	145.0	815	23.07	12676	82 ± 3	116.1 x 72.8 x 102

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Technical Specifications - OF Series

AIR COOLED VARIABLE SPEED (60Hz)

Model	Nominal Power		Working Pressure		Free Air Delivery		Weight	Noise Level	Dimensions (LxBxH)
60 Hz	kW	hp	bar	psi	cfm	m ³ /min	kg	db(A)	mm
OF 55	55	75	7.0	100.0	210-295	5.9-8.3	5732	78 ± 3	86.6 x 49.2 x 78.7
	55	75	8.0	115.0	209-268	5.9-7.5	5732	78 ± 3	86.6 x 49.2 x 78.7
	55	75	8.6	125.0	208-257	5.8-7.2	5732	78 ± 3	86.6 x 49.2 x 78.7
OF 75	75	100	7.0	100.0	215-425	6.0-12.0	5732	78 ± 3	86.6 x 49.2 x 78.7
	75	100	8.0	115.0	213-387	6.0-11.0	5732	78 ± 3	86.6 x 49.2 x 78.7
	75	100	8.6	125.0	211-360	5.9-10.1	5732	78 ± 3	86.6 x 49.2 x 78.7
	75	100	10.0	145.0	190-295	5.3-8.3	5732	78 ± 3	86.6 x 49.2 x 90.7
OF 90	90	125	7.0	100.0	446-549	12.6-15.5	10580	82 ± 3	116.1 x 72.8 x 90.0
	90	125	8.0	115.0	422-505	11.9-14.2	10580	82 ± 3	116.1 x 72.8 x 90.0
	90	125	8.6	125.0	416-480	11.7-13.5	10580	82 ± 3	116.1 x 72.8 x 90.0
OF 110	110	150	7.0	100.0	432-660	12.2-18.6	10580	82 ± 3	116.1 x 72.8 x 90.0
	110	150	8.0	115.0	431-592	12.2-16.7	10580	82 ± 3	116.1 x 72.8 x 90.0
	110	150	8.6	125.0	430-560	12.1-15.8	10580	82 ± 3	116.1 x 72.8 x 90.0
	110	150	10.0	145.0	421-478	11.9-13.5	10580	82 ± 3	116.1 x 72.8 x 102
OF 135	132	200	7.0	100.0	694-855	19.6-24.2	12676	82 ± 3	116.1 x 72.8 x 90.0
	132	200	8.0	115.0	678-793	19.1-22.4	12676	82 ± 3	116.1 x 72.8 x 90.0
	132	200	8.6	125.0	693-754	19.6-21.3	12676	82 ± 3	116.1 x 72.8 x 90.0
OF 145	160	250	7.0	100.0	718-889	20.3-25.1	12676	82 ± 3	116.1 x 72.8 x 90.0
	160	250	8.0	115.0	716-824	20.2-23.3	12676	82 ± 3	116.1 x 72.8 x 90.0
	160	250	8.6	125.0	711-785	20.1-22.2	12676	82 ± 3	116.1 x 72.8 x 90.0
OF 170	160	250	7.0	100.0	650-1050	18.4-29.7	12676	82 ± 3	116.1 x 72.8 x 90.0
	160	250	8.0	115.0	670-999	18.9-28.2	12676	82 ± 3	116.1 x 72.8 x 90.0
	160	250	8.6	125.0	652-957	18.4-27.1	12676	82 ± 3	116.1 x 72.8 x 90.0
	160	250	10.0	145.0	717-815	20.3-23.0	12676	82 ± 3	116.1 x 72.8 x 102

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WATER COOLED FIXED SPEED (60Hz)

Model	Nominal Power		Working Pressure		Free Air Delivery		Weight	Noise Level	Dimensions (LxBxH)
60 Hz	kW	hp	bar	psi	cfm	m ³ /min	kg	db(A)	mm
OF 90	90	125	7.0	100.0	569	16.11	9921	77 ± 3	116 x 65 x 73
	90	125	8.0	115.0	505	14.30	9921	77 ± 3	116 x 65 x 73
	90	125	8.6	125.0	490	13.87	9921	77 ± 3	116 x 65 x 73
	90	125	10.0	145.0	399	11.30	9921	77 ± 3	116 x 65 x 73
OF 110	110	150	7.0	100.0	669	18.94	9921	77 ± 3	116 x 65 x 73
	110	150	8.0	115.0	619	17.52	9921	77 ± 3	116 x 65 x 73
	110	150	8.6	125.0	581	16.45	9921	77 ± 3	116 x 65 x 73
	110	150	10.0	145.0	466	13.19	9921	77 ± 3	116 x 65 x 73

WATER COOLED FIXED SPEED (60Hz)

Model	Nominal Power		Working Pressure		Free Air Delivery		Weight	Noise Level	Dimensions (LxBxH)
60 Hz	kW	hp	bar	psi	cfm	m³/min	kg	db(A)	mm
OF 135	132	200	7.0	100.0	860	24.35	10803	79 ± 3	116 x 65 x 73
	132	200	8.0	115.0	800	22.65	10803	79 ± 3	116 x 65 x 73
	132	200	8.6	125.0	750	21.23	10803	79 ± 3	116 x 65 x 73
OF 145	160	250	7.0	100.0	880	24.91	10803	79 ± 3	116 x 65 x 73
	160	250	8.0	115.0	815	23.07	10803	79 ± 3	116 x 65 x 73
	160	250	8.6	125.0	775	21.94	10803	79 ± 3	116 x 65 x 73
	160	250	10.0	145.0	671	19.00	10803	79 ± 3	116 x 65 x 73
OF 170	160	250	7.0	100.0	1077	30.49	10803	79 ± 3	116 x 65 x 73
	160	250	8.0	115.0	990	28.03	10803	79 ± 3	116 x 65 x 73
	160	250	8.6	125.0	950	26.89	10803	79 ± 3	116 x 65 x 73
	160	250	10.0	145.0	786	22.25	10803	79 ± 3	116 x 65 x 73
OF 200	200	300	7.0	100.0	1351	38.25	13999	80 ± 3	138 x 73 x 81
OF 210	250	300	7.0	100.0	1468	41.56	13999	80 ± 3	138 x 73 x 81
	250	300	8.0	115.0	1376	38.95	13999	80 ± 3	138 x 73 x 81
	250	300	8.6	125.0	1327	37.57	13999	80 ± 3	138 x 73 x 81
OF 250	250	300	7.0	100.0	1509	42.72	13999	80 ± 3	138 x 73 x 81
	250	300	8.0	115.0	1416	40.09	13999	80 ± 3	138 x 73 x 81
	250	300	8.6	125.0	1366	38.67	13999	80 ± 3	138 x 73 x 81
	250	300	10.0	145.0	1235	34.96	13999	80 ± 3	138 x 73 x 81
OF 265	275	350	7.0	100.0	1654	46.82	13999	80 ± 3	138 x 73 x 81
	275	350	8.0	115.0	1550	43.88	13999	80 ± 3	138 x 73 x 81
	275	350	8.6	125.0	1414	40.03	13999	80 ± 3	138 x 73 x 81
	275	350	10.0	145.0	1283	36.32	13999	80 ± 3	138 x 73 x 81
OF 275	315	350	7.0	100.0	1688	47.79	13999	80 ± 3	138 x 73 x 81
	315	350	8.0	115.0	1602	45.35	13999	80 ± 3	138 x 73 x 81
	315	350	8.6	125.0	1506	42.63	13999	80 ± 3	138 x 73 x 81
	315	350	10.0	145.0	1321	37.40	13999	80 ± 3	138 x 73 x 81
OF 300	315	400	7.0	100.0	1809	51.21	13999	80 ± 3	138 x 73 x 81
	315	400	8.0	115.0	1680	47.56	13999	80 ± 3	138 x 73 x 81
	315	400	8.6	125.0	1646	46.60	13999	80 ± 3	138 x 73 x 81
OF 355	330	450	7.0	100.0	2003	56.70	20943	82 ± 3	165 x 82 x 100
	330	450	8.0	115.0	1988	56.28	20943	82 ± 3	165 x 82 x 100
	330	450	8.6	125.0	1988	56.28	20943	82 ± 3	165 x 82 x 100
OF 400	400	525	7.0	100.0	2263	64.07	20943	82 ± 3	165 x 82 x 100
	400	525	8.0	115.0	2263	64.07	20943	82 ± 3	165 x 82 x 100
	400	525	8.6	125.0	2263	64.07	20943	82 ± 3	165 x 82 x 100
OF 450	460	600	7.0	100.0	2518	71.28	20943	82 ± 3	165 x 82 x 100
	460	600	8.0	115.0	2513	71.14	20943	82 ± 3	165 x 82 x 100
	460	600	8.6	125.0	2513	71.14	20943	82 ± 3	165 x 82 x 100

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Technical Specifications - OF Series

WATER COOLED VARIABLE SPEED (60Hz)

Model	Nominal Power		Working Pressure		Free Air Delivery		Weight	Noise Level	Dimensions (LxBxH)
60 Hz	kW	hp	bar	psi	cfm	m ³ /min	kg	db(A)	mm
OF 90	90	125	7.0	100.0	372-549	10.5-15.5	9921	77 ± 3	116 x 65 x 73
	90	125	8.0	115.0	366-505	10.3-14.3	9921	77 ± 3	116 x 65 x 73
	90	125	8.6	125.0	366-480	10.3-13.6	9921	77 ± 3	116 x 65 x 73
OF 110	110	150	7.0	100.0	370-669	10.4-18.9	9921	77 ± 3	116 x 65 x 73
	110	150	8.0	115.0	370-619	10.4-17.5	9921	77 ± 3	116 x 65 x 73
	110	150	8.6	125.0	365-581	10.3-16.4	9921	77 ± 3	116 x 65 x 73
	110	150	10.0	145.0	400-466	11.3-13.2	9921	77 ± 3	116 x 65 x 73
OF 135	132	200	7.0	100.0	625-863	17.7-24.4	10803	79 ± 3	116 x 65 x 73
	132	200	8.0	115.0	621-800	17.5-22.6	10803	79 ± 3	116 x 65 x 73
	132	200	8.6	125.0	606-750	17.1-21.2	10803	79 ± 3	116 x 65 x 73
OF 145	160	250	7.0	100.0	625-880	17.7-24.9	10803	79 ± 3	116 x 65 x 73
	160	250	8.0	115.0	621-815	17.5-23.0	10803	79 ± 3	116 x 65 x 73
	160	250	8.6	125.0	608-775	17.2-21.9	10803	79 ± 3	116 x 65 x 73
	160	250	10.0	145.0	650-671	18.4-19.0	10803	79 ± 3	116 x 65 x 73
OF 170	160	250	7.0	100.0	625-1077	17.7-30.4	10803	79 ± 3	116 x 65 x 73
	160	250	8.0	115.0	621-990	17.5-28.0	10803	79 ± 3	116 x 65 x 73
	160	250	8.6	125.0	606-950	17.1-26.9	10803	79 ± 3	116 x 65 x 73
	160	250	10.0	145.0	650-786	18.4-22.2	10803	79 ± 3	116 x 65 x 73
OF 200	200	300	7.0	100.0	1095-1351	30.9-38.2	13999	80 ± 3	138 x 73 x 81
OF 210	250	300	7.0	100.0	1107-1468	31.3-41.5	13999	80 ± 3	138 x 73 x 81
	250	300	8.0	115.0	1105-1376	31.2-38.9	13999	80 ± 3	138 x 73 x 81
	250	300	8.6	125.0	1093-1327	30.9-37.5	13999	80 ± 3	138 x 73 x 81
OF 250	250	300	7.0	100.0	1107-1509	31.3-42.7	13999	80 ± 3	138 x 73 x 81
	250	300	8.0	115.0	1104-1416	31.2-40.0	13999	80 ± 3	138 x 73 x 81
	250	300	8.6	125.0	1091-1366	30.8-38.6	13999	80 ± 3	138 x 73 x 81
	250	300	10.0	145.0	1172-1235	33.1-35.0	13999	80 ± 3	138 x 73 x 81
OF 265	275	350	7.0	100.0	1108-1654	31.3-46.8	13999	80 ± 3	138 x 73 x 81
	275	350	8.0	115.0	1106-1550	31.3-43.8	13999	80 ± 3	138 x 73 x 81
	275	350	8.6	125.0	1088-1414	30.8-40.0	13999	80 ± 3	138 x 73 x 81
	275	350	10.0	145.0	1168-1283	33.0-36.3	13999	80 ± 3	138 x 73 x 81
OF 275	315	350	7.0	100.0	1036-1688	29.3-47.7	13999	80 ± 3	138 x 73 x 81
	315	350	8.0	115.0	1034-1602	29.2-45.3	13999	80 ± 3	138 x 73 x 81
	315	350	8.6	125.0	1010-1506	28.6-42.6	13999	80 ± 3	138 x 73 x 81
	315	350	10.0	145.0	1164-1321	32.9-37.4	13999	80 ± 3	138 x 73 x 81
OF 300	315	400	7.0	100.0	1054-1809	29.8-51.2	13999	80 ± 3	138 x 73 x 81
	315	400	8.0	115.0	1050-1680	29.7-47.5	13999	80 ± 3	138 x 73 x 81
	315	400	8.6	125.0	1023-1646	28.9-46.6	13999	80 ± 3	138 x 73 x 81
	315	400	10.0	145.0	1159-1405	32.8-39.7	13999	80 ± 3	138 x 73 x 81

After Sales Products and Services



A wide range of after-sales products and services by ELGi is designed to add maximum value to customers. ELGi's quick service processes ensure optimum availability and reliability of compressors with the lowest possible operating costs.

Genuine Spares and Service

Genuine spares and services from ELGi help to avoid unexpected compressor failures and the risk of subsequent damage to other vital compressor components. ELGi spares are designed, manufactured, and checked for quality to meet the standards of a new ELGi compressor. ELGi consistently focuses on

improving spares to provide customers with the best results.

ELGi Air Audit

ELGi air audit program helps improve compressors' performance by identifying the areas of wastage in the system. ELGi air audit services are offered for generation, distribution, and demand-side systems.

VALUE ADDED SERVICES Downstream Accessories

ELGi provides a wide range of air-cure solutions for industries that require specific downstream air requirements.



Filter



EZL Drain



Air Receiver

Certification



- | | |
|-------------------------------------|---|
| 1. Product | CE certified |
| 2. Air Quality | Class "0" per ISO:8573(P-2):2007 |
| 3. Product Performance | ISO 1217:2009 |
| 4. Pressurized Components | ASME "U" stamping (USA); PED (EU); Work Cover/
Plant Design Registration (Australia); DOSH
(Malaysia) |
| 5. Electricals | UL & CE certified |
| 6. Materials & Processes | FDA approved per EU directive
80/590/EEC & 89/109/EEC |



ELGi's manufacturing plant in India is **ISO 22000 Certified**, demonstrating our dedication to providing the food and beverage sectors across the world with consistently superior solutions.

ENERGY SAVING ACCESSORIES FOR A CLEAN, GREENER AND SUSTAINABLE FUTURE



Variable Frequency Drives (VFD)

The In-built ELGi Variable Frequency Drives (VFD) matches the compressor output with the demand by varying motor speed which reduces the power consumption and subsequently results in savings.

The VFD helps in eliminating frequent load-unload cycles and also wasted power from the energy bill. In a fixed speed compressor with a Star-Delta starter, the starting current is as high as three times the Full Load Current (FLC). With ELGi VFD, the starting current is less than the FLC.

Advantages

- Energy savings
- Improved power factor
- Low starting current and hence reduced maximum demand
- Reduced maintenance
- High efficiency combined efficiency drive system

Six Reasons To Choose ELGi Air Compressors

1. Lower Life Cycle Cost
2. ELGi Technical Edge
3. Reliability
4. Global Service Network
5. Superior Warranty
6. Proven Results



ELGi

Always Better.

Elgi Equipments Limited is a global air compressor manufacturer with a broad line of innovative and technologically superior compressed air systems.

ELGi has consistently worked towards ensuring that its customers achieve their productivity goals while keeping the cost of ownership low. ELGi offers a complete range of compressed

air solutions from oil lubricated and oil free rotary screw compressors, oil lubricated and oil free reciprocating compressors and centrifugal compressors, to dryers, filters, and downstream accessories.

The company's portfolio of over 400 products has found wide application across industries.

60+

Years of Customer-Centric Innovation

2 Mn+

Installations Worldwide

120+

Countries and Counting



DEMING PRIZE 2019

ELGi is the first globally established industrial air compressor manufacturer to be awarded the Deming Prize for Excellence in Total Quality Management.

ELGi[®]
Always Better.

