EQ SERIES

Screw Air Compressor

Reliability at the right value

11 - 45 kW / 15 - 60 hp (50/60Hz)



EQ SERIES

Built Tough | Long Life
Best-In-Class Warranty | Minimal Maintenance

Engineered to meet the needs of our customers.

For more than 60 years, ELGi has built world-class compressors. Through the years we have evolved and created innovative and technologically advanced air solutions to suit our customers' needs. ELGi EQ Series of Oil Lubricated Screw compressors offer an array of features for industries where size, reliability, and cost matter.

These reliable compressors function in the most demanding and the toughest of conditions. Designed for customer specific application needs, each compressor provides maximum uptime, long consumable life, and minimal maintenance thus providing value for small and medium enterprises (SMEs).

Applications


Sorting and Peeling


Manufacturing


Metal Working and Laser Cutting


Vehicle Service Station

ELGi EQ SERIES

Screw Air Compressor



Multi Stage Air Filteration
Increased life of consumables

Industry Leading Warranty
Protect yourself from unforeseen expenses

Option of Inbuilt VFD
Save on energy

Robust Cooling System
Reduced air outlet temperature

Enclosure Designed to Industrial Standards
Silent, aesthetic package

Clean Layout and Hinged Doors
Easy maintenance and quick service


Optimised Cooling System for High Ambient Temperature


Optional Secondary Filter Element



Easy to use Neuron XT Controller


Motor and Electrical Parts Designed for 50°c

* All images are for representative purpose only. Actual product may vary.



How can the all new EQ Series benefit your business?

BENEFITS

OF ELGi EQ SERIES

DESIGNED SMART. BUILT TOUGH.

Built to perform reliably in tough conditions, the compressor operates in dusty environments and humid conditions with an ambient design of 50ºc.

LONG CONSUMABLE LIFE OF UP TO 4000 HOURS

Experience extended consumable life and minimum maintenance. Components that need maintenance are easily accessible thus making service simple and efficient.

REDUCED STARTING LOAD - OPTIMISED NC INTAKE VALVE

ELGi's intake valve is designed to reduce starting current. Also when working with the optimised blow down valve, unload power is significantly reduced, resulting in greater savings.

ENERGY EFFICIENCY WITH OPTIONAL VFD

When your application demand fluctuates significantly, our optional inbuilt VFD will ensure significant energy savings.

AN EASY TO OPERATE INDUSTRY GRADE CONTROLLER

The smart Neuron XT controller is easy to operate and has advanced fail-safe features. Neuron XT protects the compressor from major failures occurring due to motor overload, reverse rotation of motor, high air/oil temperature, and high pressure.

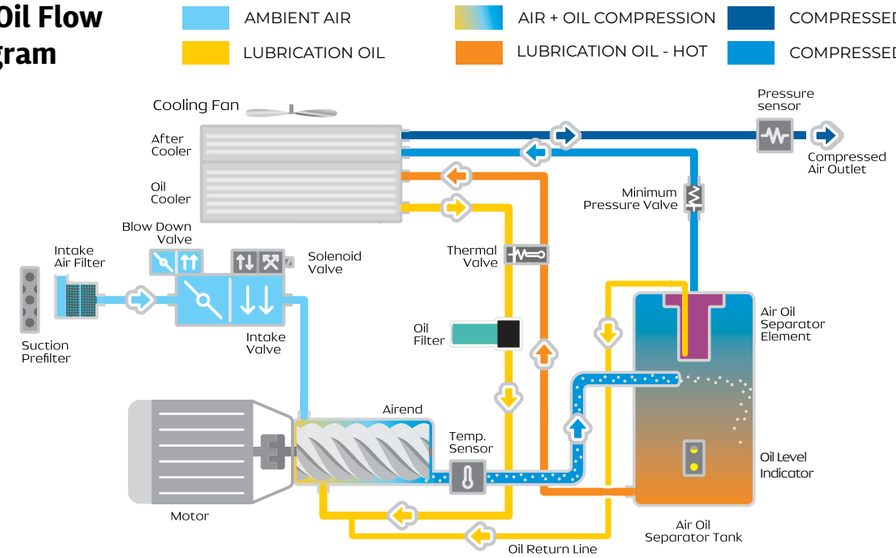
The performance control system, remote monitoring and data acquisition, generation of a cumulative, detailed report and fault report help the customer to run operations without downtime.

STRONG SERVICE NETWORK ACROSS THE GLOBE

Our strong service network provides our customers with quick and easy access to our service teams, whenever you are in need irrespective of your location in the country.

Genuine ELGi replacement filters and parts are easily available at all ELGi distributors. By providing ready assistance when in need, we assure that your compressors are well protected and provides maximum uptime.

Air/Oil Flow Diagram



ELGi Airmate Accessories



Drain Valve
(Timer controlled and zero loss)



Oil Water Separator



Refrigeration Air Dryer



Moisture Separator



Filter



Air Receiver

Technical Specifications - 50Hz Fixed Speed

Model	Motor Power		Working Pressure		Free Air Delivery (FAD)		Weight		Noise	Dimensions L x B x H
50Hz	kW	hp	bar g	psi g	m³/min	cfm	kg	lbs	dB(A)	mm
EQ 11	11	15	7.0	102	1.84	65	568	1252	70	1356 x 721 x 1220
			8.0	116	1.70	60				
			9.5	138	1.56	55				
			12.5	181	1.27	45				
			15.5*	225*	0.95	34				
EQ 15	15	20	7.0	102	2.55	90	586	1292	70	1356 x 721 x 1220
			8.0	116	2.49	88				
			9.5	138	2.15	76				
			12.5	181	1.90	67				
			15.5*	225*	1.44	51				
EQ 18	18	25	7.0	102	3.20	113	655	1444	70	1500 x 821 x 1220
			8.0	116	3.11	110				
			9.5	138	2.69	95				
			12.5	181	2.27	80				
			15.5*	225*	1.81	64				
EQ 22	22	30	7.0	102	3.74	132	675	1488	70	1500 x 821 x 1220
			8.0	116	3.65	129				
			9.5	138	3.17	112				
			12.5	181	2.61	92				
			15.5*	225*	2.19	78				
EQ 30	30	40	7.0	102	5.55	196	1000	2205	70	1705 x 1111 x 1410
			8.0	116	5.13	181				
			9.5	138	4.43	157				
			12.5	181	3.62	128				
			15.5*	225*	2.80	99				
EQ 37	37	50	7.0	102	6.85	242	1095	2414	70	1705 x 1111 x 1410
			8.0	116	6.57	232				
			9.5	138	5.66	200				
			12.5	181	4.64	164				
			15.5*	225*	3.79	134				
EQ 45	45	60	7.0	102	8.38	296	1110	2447	70	1705 x 1111 x 1410
			8.0	116	8.03	284				
			9.5	138	7.28	257				
			12.5	181	6.09	215				
			15.5*	225*	4.93	174				

Note:
1. Free Air Delivery (FAD) is tested as per ISO 1217 : 2009 Annexure 'C' Edition: 4 for Fixed Speed Machines and as per Annexure 'E' Edition: 4 for VFD machines.
2. Sound level measured as per ISO 2151, Second Edition.
3. All standard models are air-cooled.
4. Due to continuous improvements, the specifications are subject to change without prior notice.
5. *Specific to certain regions. Please check with your sales representatives.
6. 500L tank mounted option available on the EQ11-22 in select regions.

Technical Specifications - 50Hz Variable Speed

Model	Motor Power		Working Pressure		Free Air Delivery (FAD)		Weight		Noise	Dimensions L x B x H
50Hz	kW	hp	bar g	psi g	m³/min	cfm	kg	lbs	dB(A)	mm
EQ 11	11	15	7.0	102	0.79~1.84	28~65	568	1252	70	1356 x 721 x 1220
			8.0	116	0.71~1.7	25~60				
			9.5	138	0.68~1.56	24~55				
			12.5	181	0.45~1.27	16~45				
			15.5*	225*	0.52~0.95	18~34				
EQ 15	15	20	7.0	102	1.02~2.55	36~90	604	1332	70	1356 x 721 x 1220
			8.0	116	1.08~2.49	38~88				
			9.5	138	0.96~2.15	34~76				
			12.5	181	0.74~1.9	26~67				
			15.5*	225*	0.85~1.44	30~51				
EQ 18	18	25	7.0	102	1.36~3.2	48~113	680	1499	70	1500 x 821 x 1220
			8.0	116	1.36~3.11	48~110				
			9.5	138	1.16~2.66	41~94				
			12.5	181	1.02~2.27	36~80				
			15.5*	225*	1.25~1.81	44~64				
EQ 22	22	30	7.0	102	1.7~3.74	60~132	700	1543	70	1500 x 821 x 1220
			8.0	116	1.7~3.65	60~129				
			9.5	138	1.53~3.17	54~112				
			12.5	181	1.05~2.61	37~92				
			15.5*	225*	1.39~2.19	49~78				
EQ 30	30	40	7.0	102	1.78~5.55	63~196	1050	2315	70	1705 x 1111 x 1410
			8.0	116	1.61~5.13	57~181				
			9.5	138	1.36~4.43	48~157				
			12.5	181	0.99~3.62	35~128				
			15.5*	225*	1.65~2.8	58~99				
EQ 37	37	50	7.0	102	1.78~6.85	63~242	1145	2524	70	1705 x 1111 x 1410
			8.0	116	2.27~6.57	80~232				
			9.5	138	1.95~5.66	69~200				
			12.5	181	1.47~4.64	52~164				
			15.5*	225*	1.91~3.79	68~134				
EQ 45	45	60	7.0	102	1.67~8.38	59~296	1160	2557	70	1705 x 1111 x 1410
			8.0	116	2.27~8.03	80~284				
			9.5	138	2.24~7.28	79~257				
			12.5	181	2.18~6.09	77~215				
			15.5*	225*	3.4~4.93	120~174				

Note:
1. Free Air Delivery (FAD) is tested as per ISO 1217 : 2009 Annexure 'C' Edition: 4 for Fixed Speed Machines and as per Annexure 'E' Edition: 4 for VFD machines.
2. Sound level measured as per ISO 2151, Second Edition.
3. All standard models are air-cooled.
4. Due to continuous improvements, the specifications are subject to change without prior notice.
5. *Specific to certain regions. Please check with your sales representatives.
6. 500L tank mounted option available on the EQ11-22 in select regions.

Technical Specifications - 60Hz Fixed Speed

Model	Motor Power		Working Pressure		Free Air Delivery (FAD)		Weight		Noise	Dimensions L x B x H
60Hz	kW	hp	psi g	bar g	cfm	m³/min	lbs	kg	dB(A)	inches
EQ 11	11	15	100	6.9	68	1.93	1274	578	70	53.4 x 28.3 x 48
			125	8.6	58	1.64				
			150	10.3	52	1.47				
			175	12.1	46	1.3				
EQ 15	15	20	100	6.9	89	2.52	1291	586	70	53.4 x 28.3 x 48
			125	8.6	81	2.29				
			150	10.3	73	2.07				
			175	12.1	62	1.76				
EQ 18	18	25	100	6.9	111	3.14	1477	670	70	59 x 32.3 x 48
			125	8.6	100	2.83				
			150	10.3	87	2.46				
			175	12.1	78	2.21				
EQ 22	22	30	100	6.9	134	3.79	1488	675	70	59 x 32.3 x 48
			125	8.6	118	3.34				
			150	10.3	109	3.09				
			175	12.1	91	2.58				
EQ 30	30	40	100	6.9	191	5.4	2260	1025	70	67 x 44 x 55.5
			125	8.6	182	5.14				
			150	10.3	144	4.08				
EQ 37	37	50	100	6.9	237	6.71	2469	1120	70	67 x 44 x 55.5
			125	8.6	209	5.92				
			150	10.3	188	5.32				
EQ 45	45	60	100	6.9	284	8.04	2491	1130	70	67 x 44 x 55.5
			125	8.6	262	7.42				
			150	10.3	227	6.42				

Note:
1. Free Air Delivery (FAD) is tested as per ISO 1217 : 2009 Annexure 'C' Edition: 4 for Fixed Speed Machines and as per Annexure 'E' Edition: 4 for VFD machines.
2. Sound level measured as per ISO 2151, Second Edition.
3. All standard models are air-cooled.
4. Due to continuous improvements, the specifications are subject to change without prior notice.
5. *Specific to certain regions. Please check with your sales representatives.
6. 500L tank mounted option available on the EQ11-22 in select regions.

Technical Specifications - 60Hz Variable Speed

Model	Motor Power		Working Pressure		Free Air Delivery (FAD)		Weight		Noise	Dimensions L x B x H
60Hz	kW	hp	psi g	bar g	cfm	m³/min	lbs	kg	dB(A)	inches
EQ 11	11	15	100	6.9	30~68	0.85~1.93	1313	596	70	53.4 x 28.3 x 48
			125	8.6	26~58	0.74~1.64				
			150	10.3	21~52	0.59~1.47				
			175	12.1	17~46	0.48~1.3				
EQ 15	15	20	100	6.9	41~89	1.16~2.52	1330	603	70	53.4 x 28.3 x 48
			125	8.6	37~81	1.05~2.29				
			150	10.3	32~73	0.91~2.07				
			175	12.1	27~62	0.76~1.76				
EQ 18	18	25	100	6.9	47~111	1.33~3.14	1532	695	70	59 x 32.3 x 48
			125	8.6	41~100	1.16~2.83				
			150	10.3	39~87	1.1~2.46				
			175	12.1	31~78	0.88~2.21				
EQ 22	22	30	100	6.9	57~134	1.61~3.79	1543	700	70	59 x 32.3 x 48
			125	8.6	52~118	1.47~3.34				
			150	10.3	47~109	1.33~3.09				
			175	12.1	41~91	1.16~2.58				
EQ 30	30	40	100	6.9	63~191	1.78~5.4	2370	1075	70	67 x 44 x 55.5
			125	8.6	55~182	1.56~5.14				
			150	10.3	45~144	1.27~4.08				
EQ 37	37	50	100	6.9	63~237	1.78~6.71	2579	1170	70	67 x 44 x 55.5
			125	8.6	55~209	1.56~5.92				
			150	10.3	45~188	1.27~5.32				
EQ 45	45	60	100	6.9	77~284	2.18~8.04	2601	1180	70	67 x 44 x 55.5
			125	8.6	55~262	1.56~7.42				
			150	10.3	54~227	1.53~6.42				

Note:
1. Free Air Delivery (FAD) is tested as per ISO 1217 : 2009 Annexure 'C' Edition: 4 for Fixed Speed Machines and as per Annexure 'E' Edition: 4 for VFD machines.
2. Sound level measured as per ISO 2151, Second Edition.
3. All standard models are air-cooled.
4. Due to continuous improvements, the specifications are subject to change without prior notice.
5. *Specific to certain regions. Please check with your sales representatives.
6. 500L tank mounted option available on the EQ11-22 in select regions.

ELGi®

Always Better.

D&I/SPSLEF7246/8/0000/2023/09/01/A
01CAT0033/R01