

# EQ SERIES

Screw Air Compressor

**ELGi**<sup>®</sup>

Always Better.

Reliability that fits your Budget

11 - 45 kW



# 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



Wood Working



Manufacturing



Metal Working and Laser Cutting



Vehicle Service Centers

# ELGi EQ SERIES

## Screw Air Compressor



### Direct Drive Advantage

Increased efficiency and reliability

### 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



## 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 50°C.

##### ENERGY EFFICIENCY WITH OPTIONAL VFD

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

##### 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.

##### 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.

##### REDUCED STARTING LOAD - OPTIMISED NC INTAKE VALVE

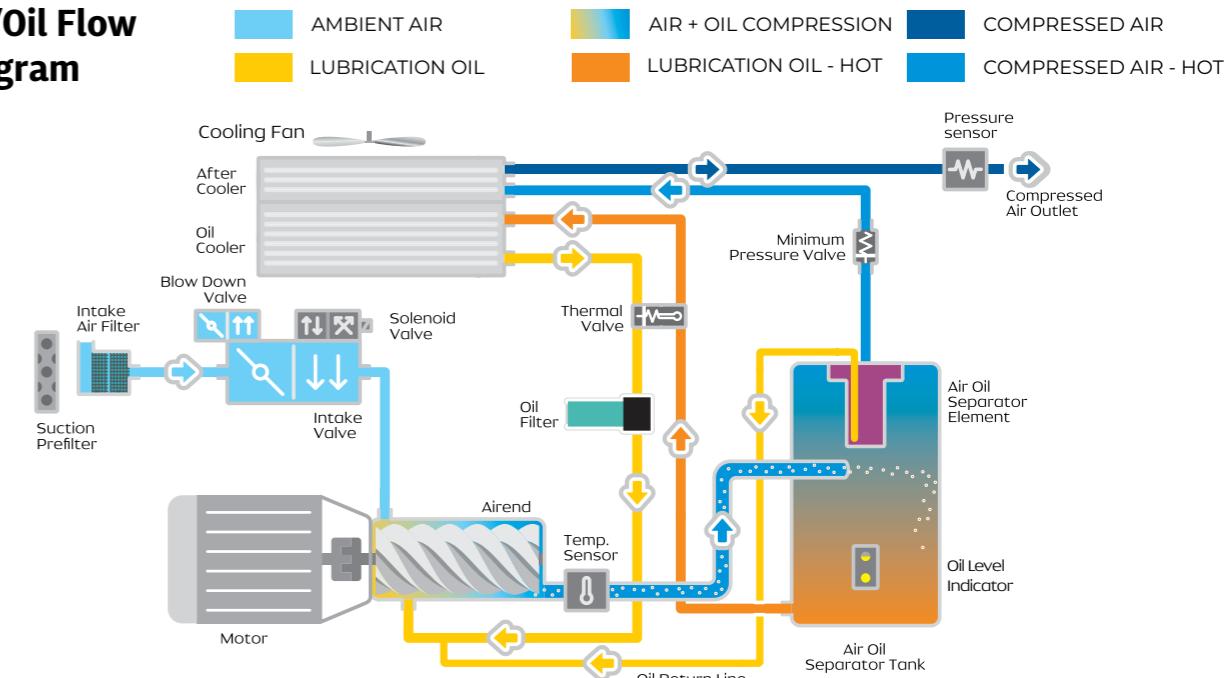
ELGi's intake valve is designed to reduce starting current. Also when working with the optimised blow down valve, unload power is significantly reduced, resulting in greater savings.

##### 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**



**Downstream 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				

## 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</						

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