

96C-IG Compressor

130 PSI / 1.53 CFM* 12V / 1.27 CFM* 24V

12V Max. Amp Draw: 12 Amps

24V Max. Amp Draw: 7 Amps

P/N 00096 - 12V CE

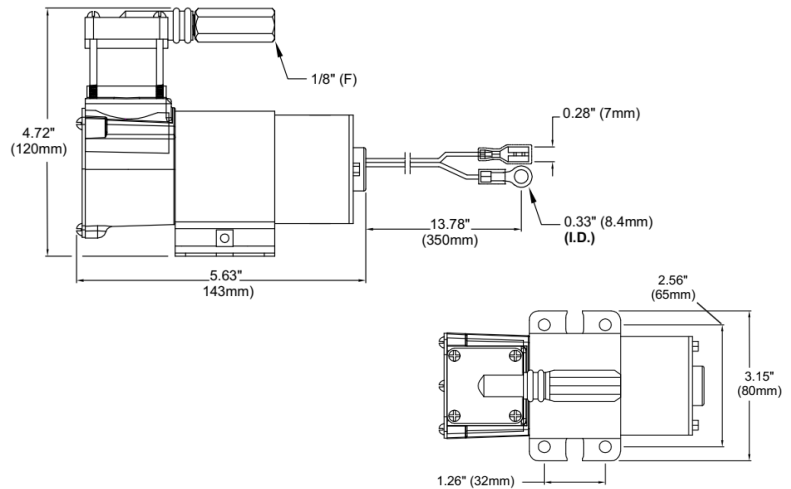
P/N 02496 - 24V CE



Your Vital Air Source

The 96 IG compressor offers a light-duty solution for small air requirements. Designed to fill no larger than a 1.0-gallon air tank, it features an adjustable Omega bracket for easy mounting in tight spaces, an air filter relocation kit to allow unrestricted airflow, and an inline check valve that protects against high amperage restart. The 96C-IG compressors are CE Certified, RoHS/Reach Compliant and feature an IP54 protection rating.

Please Note: Use thread sealant for proper installation. Thread tape is not recommended. Properly sealed, recommended torque for 1/8" is 10 ~ 11 ft. lbs. Recommended torque for 1/4" and 3/8" is 16 ~ 18 ft. lbs.



Please contact your representative for pricing.

Included Parts:

- Check Valve
- Vibration Isolators
- Mounting Hardware
- Installation Instructions

Recommended Components:

- 0.5 Gallon Tank - P/N 91005;
- 1.0 Gallon Tank - P/N 91010, 91014;
- 12V Relay - P/N 93940;
- 24V Relay - P/N 93943;
- 12V Sealed Relay - P/N 93944;
- 24V Sealed Relay - P/N 93949;
- Pressure Switches - P/N 90100, 90101;
- Sealed Pressure Switch - P/N 90212, 90223;

Specifications:

- 12-Volt /24-Volt
- Permanent Magnetic Motor
- Duty Cycle: 10% @ 100 PSI
- Max. Working Pressure: 130 PSI
- Max. Air Tank Size: 1.0 Gallon
- Max. 12V Amp Draw: 13-Amps
- Max. 24V Amp Draw: 8-Amps
- Ingress Protection Rating: IP54
- Max Ambient Temp: +158°F
- Min Ambient Temp: -40°F
- Dimensions: 5.6" L x 2.2" W x 4.4" H
- Net Weight: 2.25 lbs.

Performance Data					
12-VOLT COMPRESSOR - Supply Voltage 13.8 Volts					
PSI	CFM	A	BAR	LPM	A
0	1.53	7	0	43.5	7
10	1	9	1	28	9
20	0.95	10	2	25.5	11
30	0.9	11	3	22.7	11
40	0.85	11	4	20.7	12
50	0.77	12	5	18.3	12
60	0.72	12	6	16.3	12
70	0.65	12	7	13.7	12
80	0.6	12	8	11.7	12
90	0.54	12	9	10	11

Performance Data					
24-VOLT COMPRESSOR - Supply Voltage 28 Volts					
PSI	CFM	A	BAR	LPM	A
0	1.27	4	0	36	4
10	1.09	5	1	28.5	5
20	1.03	5	2	26.5	5
30	0.96	5	3	24.7	6
40	0.9	6	4	21.7	6
50	0.83	6	5	19.7	7
60	0.76	6	6	17	7
70	0.7	6	7	14.3	7
80	0.63	7	8	11.7	7
90	0.56	7	9	8.7	6

Tank Fill Rates		
0.5 GALLON TANK	12-Volt	24-Volt
0 to 105 PSI	1 min. 08 sec. (± 05 sec.)	50 sec. (± 05 sec.)
85 to 105 PSI	16 sec. (± 03 sec.)	15 sec. (± 03 sec.)
0 to 120 PSI	1 min. 23 sec. (± 05 sec.)	1 min. 03 sec. (± 05 sec.)
90 to 120 PSI	27 sec. (± 03 sec.)	20 sec. (± 03 sec.)
1.0 GALLON TANK	12-Volt	24-Volt
0 to 105 PSI	2 min. 20 sec. (± 10 sec.)	1 min. 40 sec. (± 10 sec.)
85 to 105 PSI	35 sec. (± 05 sec.)	30 sec. (± 05 sec.)
0 to 120 PSI	3 min. 04 sec. (± 10 sec.)	2 min. 05 sec. (± 10 sec.)
90 to 120 PSI	54 sec. (± 05 sec.)	45 sec. (± 05 sec.)

*Due to redundant restrictions added to apparatus, for flow rate testing, actual flow rate at 0 psi may vary

Applications include:

