

1500 Series Enclosed Compressor

Efficient. Versatile.
Our Most Popular Unit.

The Arctic 1500 Series Enclosed Compressor delivers up to 14 CFM at 6000 PSI as a customizable, high-use solution.

▶ **Balanced
Performance**

▶ **Compact
Design**

▶ **Versatile
for Multiple
Applications**



**Made in
the USA**

ARCTIC
COMPRESSOR

Product Comparison

Model	PSI	CFM	HP	Stages	Series
E4-20-A6	6000	24	20	4	2500 Series
E4-15-A6	6000	18	15	4	
E4-10-A6	6000	14	10	4	1500 Series
E4-7.5-A6	6000	9	7.5	4	
E3-7.5-A6	6000	8	7.5	3	1000 Series
E3-7.5-A	5000	9	7.5	3	
O4-10-A6	6000	14	10	4	Open Frame Series
O3-7.5-A6	6000	8	7.5	3	
O3-7.5-A	5000	9	7.5	3	

Electrical Requirements

All Arctic Compressors include an 8ft electrical cord and plug. The 1500 Series Enclosed Compressors require the following:

208/240V Connection				480V Connection	
Phase	HP	Connector	Amperage	Connector	Amperage
3	7.5	NEMA L15-30	30 Amp	NEMA L16-20	20 Amp
3	10	NEMA L15-30	30 Amp	NEMA L16-20	20 Amp
1	7.5	NEMA 6-50	50 Amp		
1	10	NEMA 6-50	50 Amp		



Truly American-Made™

► Crafted in Superior, WI.



Grade E Breathing Air

Our compressors deliver CGA Grade E breathing air, the gold standard for respiratory safety. This premium air quality not only meets but **exceeds** the stringent requirements set by regulatory bodies.



Air Purification

Filtration Technology

- Activated charcoal removes harmful gases and odors
- Carbon monoxide catalyst converts CO to harmless CO₂
- Ensures highest level of air purity for safe breathing

Moisture Control

- Reliable dryer filter
- Maintains dew point at or below -65°F (NFPA 1500 compliant)
- Prevents condensation and corrosion

What's Included

Low Noise Operation

- Fully Enclosed Sound Dampening Cabinet
- 76 dB Sound Level at 1 Meter

Easy Maintenance

- Lift Off Access Panels
- Automatic Condensate Drain System
- Easy Oil Maintenance Accessibility

Powerful Motor

- High-Efficiency Single or Three-Phase Electric Motor

Simple Lubrication System

- Splash Lubrication Oil System
- 3 qt Oil Capacity

Real-Time Monitoring

- Interstage Pressure Gauges
- Hour Meter
- Moisture/CO Visual Indicator

Durable Compressor Block

Radial Arctic Compressor Block, equipped with

- 10-Bladed High Velocity Fan
- Relief Valve on All Stages
- Aluminum Intercoolers
- Stainless Steel Aftercoolers
- Forged Steel Crankshaft
- Cast Iron Cylinders

Optional Upgrades

- CO Monitor with Automatic Shutdown
- Low Oil Level Automatic Shutdown
- High Temp with Automatic Shutdown
- Remote Start

Dimensions



Door Position	Width	Height	Depth	Weight
Closed	38"	67"	24"	700lbs
Open	73"	67"	54"	700lbs



Warranty

All Arctic Compressors come with a standard 2-year warranty. Extend your coverage up to 5 years with our Silver or Gold Warranty options.



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