Product Cataloco

Arctic Compressor

ArcticCompressor.com | (715) 718 - 3065 | Superior, WI 54880

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Truly American-Made

Fueling the heartbeat of our nation, we craft excellence for those who protect us.

We stand by our commitment to quality and integrity. Proudly sourcing and assembling our products right here in the United States, we ensure every item meets the highest standards. It's not just about supporting local industries—it's about delivering unmatched craftsmanship and reliability. When you choose us, you're choosing products made with pride, precision, and a promise of excellence. Experience the difference of truly American-made.



American Parts

Our parts are proudly sourced in America.



American Assembly

Our products are assembled in Superior, WI.



American Quality

We ensure you receive the top quality, reliable systems that you deserve.





Procurement Options

Scan this QR Code To view more information on your procurement options

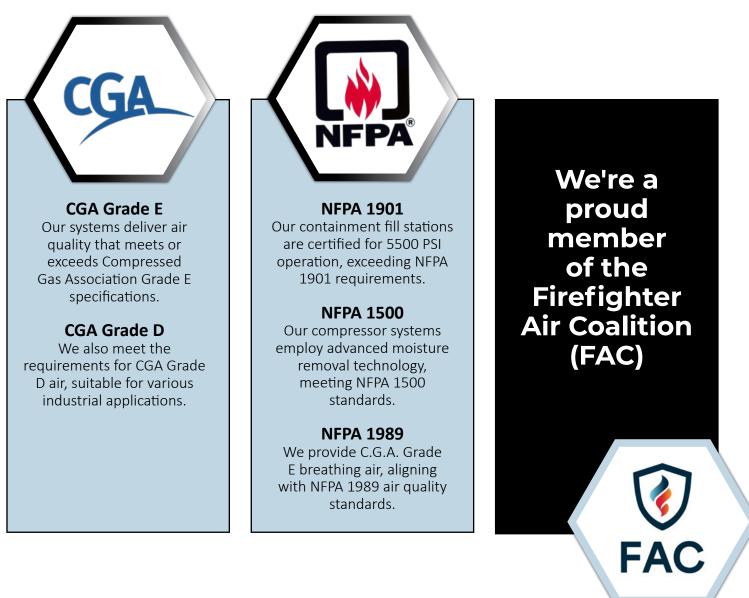
About Us 30+ Years of Experience

We understand the need for high-quality, reliable breathing air, because that's how we started. Chuck Potter, an avid scuba diver, recognized the critical importance of dependable compressed breathing air systems for underwater exploration. Driven by this passion, he and his wife Peggi began their journey in the breathing air compressor industry.

Arctic Compressor specializes in providing high-quality compressed breathing air systems designed for critical applications where safety and reliability are paramount. Our range of products includes compressors, fill stations, and air purification systems, all engineered to meet and exceed industry standards.

Our systems are trusted by fire departments, dive operations, and industrial facilities worldwide, delivering clean, dry air that meets or surpasses the most stringent quality requirements. We pride ourselves on our commitment to safety, innovation, quality, and customer satisfaction.

Arctic Compressor systems are designed to comply with multiple industry standards, including:



WHAT OUR CUSTOMERS HAVE TO SAY



Fastest in the Industry

"It was a matter of weeks from the time that the city council approved buying of the product (compressor) to going through the dealer to then ultimately getting the product installed."

Real People. Real Service.

"Someone actually answers the phone, that's certainly enjoyable. You don't have to get put on hold or have a translator, get sent to someone else or third party outsourced."

Chief Scott Gordon

Superior Fire Department, WI

Reliable Service.

"One of the things that I really appreciate about the relationships with the dealers in Arctic is they came in and evaluated the current compressor we have in our station. They said 'We could absolutely tell you to replace this, but there's no reason to replace it right now. Why don't you give that compressor five years? We'll reevaluate it at that point. And if it's not functioning correctly or if we don't think we can continue to service it, we can have that discussion at that point.'

Having a company that's not looking out to just maximize their profit was big."

Assistant Chief Mark Wandersee Elk River Fire Department, MN



NEW PRODUCT

ALL Electric. ALL Power. Meet our ALL POWER TRAILER.

The shift towards on-site breathing air supply is becoming imperative, especially when conventional air sources are impractical or unavailable for mobile applications. Addressing this demand for portable, efficient breathing air supply solutions, we embarked on a mission to develop a versatile, ecofriendly, low-maintenance alternative to existing options while remaining true to our roots of being "The Simple Choice."

UXI II



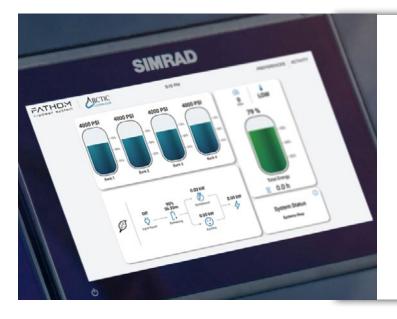
E-power system



ALL POWER delivers versatile energy solutions designed for seamless integration and optimal performance across diverse operational environments. Our innovative system adapts to and connects with most standard power sources, ensuring compatibility and ease of use.

Key features include:

- Intelligent power management: ALL POWER optimizes energy consumption based on the available input source, delivering ideal air output for your specific needs.
- **Robust capacity:** With a standard 24kWh onboard battery, expandable to 48kWh, ALL POWER offers substantial energy reserves to meet demanding requirements.
- **Scalable design:** The system easily integrates additional power sources as needed, providing flexibility for growing operations.
- **Efficiency-focused:** By adapting to various input power sources, ALL POWER maximizes energy utilization, potentially reducing operational costs.



E-power system

Unlease the Fathom[®] E-Power system, marrying cutting-edge NEXT GENERATION Technology with Navico's expert engineering. This powerhouse seamlessly integrates the latest lithium-ion battery technology and premium components, offering long lasting, reliable power. Effortlessly visualize and manage your energy usage. Elevate your expectations with Fathom[®] Technology for an unparalleled power management experience.

Powered by ALL POWER Technology

Pulled by ALL VEHICLES

7,000 lb towing capacity or greater

Powered by **ALL ELECTRIC** Sources





STANDARD FEATURES



High-Pressure Breathing Air

The Arctic 2500 model high-pressure breathing air compressor includes a two-position fill station for SCBA and SCUBA systems with a side-mounted manual control panel.



Ample Air Storage

Our air storage solutions consist of four UN/ISO storage cylinders (510 cubic feet each) and a rack for holding up to 11 SCBA/SCUBA cylinders.



Enhanced Safety

Monitoring and safety systems feature the Arctic M4200 CO monitor and a high-temperature shutdown for added protection.

OPTIONAL FEATURES

Battery Upgrade 48kWh battery system upgrade (adds 480lbs)

Additional Fill Station

Fully redundant additional two-position fill station for SCBA/SCUBA cylinders

Additional Hose Reel One additional hose reel (high- or low-pressure)

Extended Power Options

Longer power cables and additional adapters available upon request

> **Control Panel** Auto-Cascade control panel

> > **Spare Tire** Spare tire with mount

> > > **Towing Hitch** Pintle hitch



Durability and Reliability

The single axle, galvanized steel trailer has a GVWR of 7,000lbs, electric brakes with a 7-pin connector, and dual rear stabilizer jacks for a secure setup. Our power and lighting systems include the 24kWh Fathom[®] Lithium-Ion Phosphate battery system, dual LED scene lights, and auxiliary power outlets (120V/20A duplex, 5V/3A USB and USB-C).



Flexible Air Delivery

The high-pressure breathing air hose reel accomodates up to 100 ft of air hose for flexible air delivery.

COMPRESSORS

Simple Value. Simple Operation. Simple Maintenance. Simple Service. The Simple Choice.

With our wide option of truly American-made compressors, we empower our users to breathe easy so they can fight fiercly. Delivering a constant flow of life-giving air, our compressors are battle-tested and customer-approved.



All Arctic Compressors Include:

- Filtration capable of providing C.G.A Grade "E" breathing air
- Relief valves on all stages
- High-velocity fans
- Easily removable lift-off hinged panels
- Liquid filled gauges
- Rubber vibration isolaters
- Durable powder coated surfaces
- CO Calibration kit



2500 Series Page 10



1500 Series Page 12



1000 Series Page 14

OPEN FRAME Page 16

Compressors Optional Equipment:

- CO monitor
- Additional filtration
- Auto-start
- Oil level switch
- High-temp switch

ENCLOSED

2500 Series

Simple Value, Simple Operation, Simple Maintenance, Simple Service. **The Simple Choice.**

PRODUCT HIGHLIGHTS

Fast Cooling

12-bladed fan is used for max cooling performance

Extreme Flow and Output

Experience power with this 4-stage compressor, capable of delivering up to 24 CFM at 6000 PSI, our highest output compressor

Electric Motor Options

Choose between a 15 or 20 HP three phase motor

THE ARCTIC BENEFITS



Efficient Cooling

High-capacity fan, aluminum intercoolers between stages and a stainless steel aftercooler enable rapid heat dissipation, allowing continuous high-volume output at rated pressures without overheating.



Low Noise Operation

Engineered for quiet operation, our compressors employ fully enclosed, sound-dampened cabinets along with rubber vibration isolation mounts.



High-Pressure Output

Our 4-stage compressors deliver extreme compressed air power, pumping up to 6000 psi for the most demanding applications.



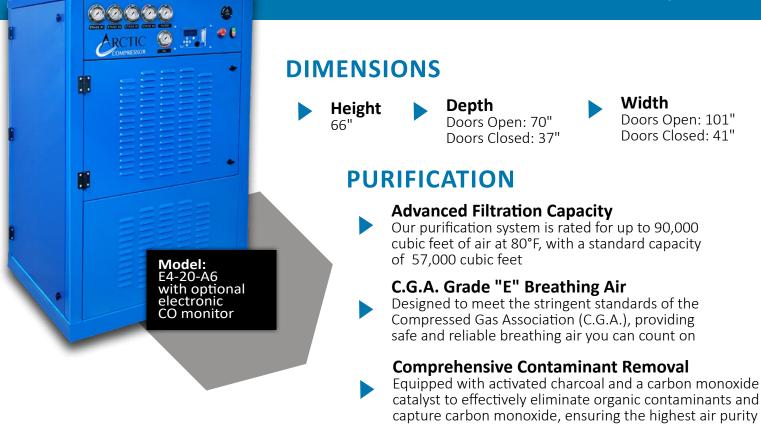
Durable Construction

Robust components like efficient electric motors, steel crankshafts, cast iron cylinders, and aluminum crankcases extend service life by withstanding thousands of compression cycles.



User-Friendly Design

Lift-off panel hinges allow easy access, while integrated gauges and visual indicators monitor moisture levels, carbon monoxide, pressure and run time - ensuring safe, seamless operation.





Service After You Buy

With our premier dealer network, you'll maximize the life of your new breathing air compressor and experience the lowest total cost of ownership possible. Our comprehensive extended warranty options help you plan for the future with peace of mind for up to five years.

Scan this QR Code

To view more information on Arctic Compressor warranties

View warranty information on page 25.

Model	PSI	CFM	HP	STAGES	RPM	WEIGHT
E4-20-A6	6000	24	20	4	1400	1200 lbs
E4-15-A6	6000	18	15	4	1400	1150 lbs

1500 Series

Simple Value, Simple Operation, Simple Maintenance, Simple Service. **The Simple Choice.**

PRODUCT HIGHLIGHTS

Fast Cooling 10-bladed fan is used for max cooling performance



Significant Flow and Output

The 1500 series is a 4-stage compressor, capable of delivering up to 14 CFM at 6000 PSI



Motor Options Choose between a 7.5 or 10 HP single or three phase motor

THE ARCTIC BENEFITS



Efficient Cooling

High-capacity fan, aluminum intercoolers between stages and a stainless steel aftercooler enable rapid heat dissipation, allowing continuous high-volume output at rated pressures without overheating.



Low Noise Operation

Engineered for quiet operation, our compressors employ fully enclosed, sound-dampened cabinets along with rubber vibration isolation mounts.



High-Pressure Output

Our 4-stage compressors deliver extreme compressed air power, pumping up to 6000 psi for the most demanding applications.



Durable Construction

Robust components like efficient electric motors, steel crankshafts, cast iron cylinders, and an aluminum crankcase extend service life by withstanding thousands of compression cycles.



User-Friendly Design

Lift-off panel hinges allow easy access, while integrated gauges and visual indicators monitor moisture levels, carbon monoxide, pressure and run time - ensuring safe, seamless operation.



Doors Open: 54" Doors Closed: 24"



Advanced Filtration Capacity

Our purification system is rated for up to 57,000 cubic feet of air at 80°F, with a standard capacity of 24,000

C.G.A. Grade "E" Breathing Air

Designed to meet the stringent standards of the Compressed Gas Association (C.G.A.), providing safe and reliable breathing air that you can count on

Comprehensive Contaminant Removal

Equipped with activated charcoal and a carbon monoxide catalyst to effectively eliminate organic contaminants and convert carbon monoxide, ensuring the highest air purity



Service After You Buy

With our premier dealer network, you'll maximize the life of your new breathing air compressor and experience the lowest total cost of ownership possible. Our comprehensive extended warranty options help you plan for the future with peace of mind for up to five years.

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Model	PSI	CFM	HP	STAGES	RPM	WEIGHT
E4-7.5-A6	6000	9	7.5	4	1100	680 lbs
E4-10-A6	6000	14	10	4	1400	700 lbs

1000 Series

Simple Value, Simple Operation, Simple Maintenance, Simple Service. **The Simple Choice.**

PRODUCT HIGHLIGHTS

Fast Cooling 10-bladed fan is used for max cooling performance



Significant Flow and Output The 1000 series is a 3-stage compressor, capable of delivering up to 9 CFM at 6000 PSI

Electric Motor Options

Choose between a 7.5 HP single or three phase motor



THE ARCTIC BENEFITS



Efficient Cooling

High-capacity fan, aluminum intercoolers between stages and a stainless steel aftercooler enable rapid heat dissipation, allowing continuous high-volume output at rated pressures without overheating.



Low Noise Operation

Engineered for quiet operation, our compressors employ fully enclosed, sound-dampened cabinets along with rubber vibration isolation mounts.



High-Pressure Output

Our 3-stage compressors deliver high compressed air power, pumping up to 6000 psi for the most demanding applications.



Durable Construction

Robust components like efficient electric motors, steel crankshafts, cast iron cylinders, and aluminum crankcases extend service life by withstanding thousands of compression cycles.



User-Friendly Design

Lift-off panel hinges allow easy access, while integrated gauges and visual indicators monitor moisture levels, carbon monoxide, pressure and run time - ensuring safe, seamless operation.



DIMENSIONS

Height 67" **Depth** Doors Open: 54" Doors Closed: 24"



PURIFICATION

Advanced Filtration Capacity

Our purification system is rated for up to 57,000 cubic feet of air at 80°F, with a standard capacity of 24,000

C.G.A. Grade "E" Breathing Air

Designed to meet the stringent standards of the Compressed Gas Association (C.G.A.), providing safe and reliable breathing air that you can count on

Comprehensive Contaminant Removal

Equipped with activated charcoal and a carbon monoxide catalyst to effectively eliminate organic contaminants and convert carbon monoxide, ensuring the highest air purity



Service After You Buy

With our premier dealer network, you'll maximize the life of your new breathing air compressor and experience the lowest total cost of ownership possible. Our comprehensive extended warranty options help you plan for the future with peace of mind for up to five years.

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Model	PSI	CFM	HP	STAGES	RPM	WEIGHT
E3-7.5-A	5000	9	7.5	3	1500	610 lbs
E3-7.5-A6	6000	8	7.5	3	1500	610 lbs

Open Frame Compressors

1000 and 1500 Series

Simple Value, Simple Operation, Simple Maintenance, Simple Service. **The Simple Choice.**

PRODUCT HIGHLIGHTS



Fast Cooling

10-bladed fan is used for max cooling performance

You Choose Your Stage

With our open frame compressors, you can choose between a 3-stage or a 4-stage block configuration

Motor Options Choose between our 7.5 and 10 HP motors



Significant Output and Flow

Our Open Frame Compressors are capable of delivering pressures up to 14 CFM at 6000 PSI



THE ARCTIC BENEFITS



Efficient Cooling

High capacity fan, aluminum intercoolers between stages and a stainless steel aftercooler enable rapid heat dissipation, allowing continuous high-volume output at rated pressures without overheating.



High-Pressure Output

Our 3 and 4-stage compressors deliver compressed air power, pumping up to 6000 psi for the most demanding applications.



Durable Construction

Robust components like efficient electric motors, steel crankshafts, cast iron cylinders, and an aluminum crankcases extend service life by withstanding thousands of compression cycles.

DIMENSIONS

Height Depth Width

PURIFICATION

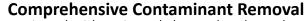
Advanced Filtration Capacity

Our purification system is rated for up to 24,000 cubic feet of air at 80°F, with a standard capacity of 9,800



C.G.A. Grade "E" Breathing Air

Designed to meet the stringent standards of the Compressed Gas Association (C.G.A), providing safe and reliable breathing air that you can count on



Equipped with activated charcoal and a carbon monoxide catalyst to effectively eliminate organic contaminants and convert carbon monoxide, ensuring the highest air purity



Service After You Buy

With our premier dealer network, you'll maximize the life of your new breathing air compressor and experience the lowest total cost of ownership possible. Our comprehensive extended warranty options help you plan for the future with peace of mind for up to five years.

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Model	PSI	CFM	НР	STAGES	RPM	WEIGHT
O3-7.5-A	5000	9	7.5	3	1500	320 lbs
O3-7.5-A6	6000	8	7.5	3	1500	320 lbs
04-7.5-A6	6000	9	7.5	4	1500	390 lbs
O4-10-A6	6000	14	10	4	1500	410 lbs

CONTAINMENT FILL STATIONS

Simple Value. Simple Operation. Simple Maintenance. Simple Service. The Simple Choice.

Our high-capacity fill stations charge breathing air cylinders in record time, enabling users to charge fearlessly without running out. Intuitive operation and robust design means our fill stations are always ready to efficiently refuel the breathing apparatus that protects those who protect us.

Class II Containment Fill Stations

Arctic Compressor's Fill Stations are designed and certified to meet the rigorous standards set by the National Fire Protection Association (NFPA). Our containment fill stations are NFPA 1901 certified for 5500 PSI operation, exceeding the NFPA's 1901 recommendations for filling high-pressure breathing air cylinders. This certification ensures that our fill stations meet or surpass the safety and performance requirements for fire apparatus and emergency response equipment, providing reliable and secure equipment for filling Self-Contained Breathing Apparatus (SCBA) and SCUBA cylinders. By adhering to these stringent standards, Arctic Compressor demonstrates its commitment to safety and quality in the production of essential firefighting and emergency response equipment.

PRODUCT HIGHLIGHTS





Enhanced Safety

Our safety interlock system, secure latching mechanism, and vented design ensure operator protection during cylinder filling operations.



Control Options & User-Friendly Design

In addition to offering three control options to choose from, our fill station's balanced door with gas strut assistance allows for easy single-handed operation, while durable coated fill pockets prevent cylinder scuffing.



High-Pressure, Efficient Filling System

With our control panels and isolation fill valves, we enable efficient filling of multiple cylinders while effectively managing your air supply.



Durable and Robust Construction

Our fill stations are built with high-grade steel and aircraft-grade aluminum components, making it the most durable, longest-lasting fill station on the market.



Comprehensive Monitoring

Clear, glycerin-filled pressure gauges in both PSI and BAR units provide easy-to-read status information for all fill positions and banks.



Safety. Simplicity. Versatility. Operational Efficiency.

The Arctic Auto-Cascade Control Panels are an innovative solution for efficient management of compressed breathing air. This system automates the process of filling breathing air cylinders by pneumatically opening and closing storage banks as pressure equalizes, maximizing the available stored air without requiring manual intervention or complex electronic systems.

The key benefits of our Auto-Cascade Control Panels include increased operational efficiency, reduced risk of human error, and versatility in-use. Its automatic operation frees up personnel to focus on other critical tasks, and is particularly valuable when refilling rescue truck air supplies.

Additionally, the system is NFPA 1901-2016 certified for 5500 PSI operation, ensuring compliance with safety standards and reliability in high-pressure applications.

The Arctic Auto-Cascade Panels can be paired with any Arctic 2 or 3 position fill station. Retrofit kits are also available for some legacy cabinets upon request.



Fill Stations





Options for Your Unique Needs

We offer 1, 2, or 3 position containment fill stations to fit your unique needs

Control Options Auto-Cascade, manual controls, and no controls to choose from

Lock, Then Fill.

To ensure utmost operator safety, our fill stations are designed with an interlock system that only allows filling to begin after the door is closed and latched securely

Technical Information

CLASS II CONTAINMENT FILL STATION (WITHOUT CONTROL PANEL)

Model	Fill Positions	PSI	Weight	Width	Depth	Height
C-FS1-55	1	6000*	400	21"	21"	47"
C-FS2-55	2	6000*	590	30"	21"	47"
C-FS3-55	3	6000*	780	42"	21"	47"

CLASS II CONTAINMENT FILL STATION (WITH CONTROL PANEL)

Model	Fill Positions	PSI	Weight	Width	Depth	Height
C-FS1C55	1	6000*	450	21"	21"	64"
C-FS2C55	2	6000*	640	30"	21"	-56"
C-FS3C55	3	6000*	830	42"	21"	56"

*Tested to withstand 5700 PSI burst pressure, exceeding NFPA 1901 (2016) 24.9.6.2 requirement of 5500 PSI *6000 PSI max inlet pressure

PARTS & ACCESSORIES

Simple Value. Simple Operation. Simple Maintenance. Simple Service. The Simple Choice.

Arctic Compressor offers a comprehensive range of high-quality parts and accessories designed to enhance the performance and longevity of your Arctic product.

Parts and Accessories for Your Arctic Product

By sourcing nearly all our parts from America, we offer unparalleled speed and reliability in our supply chain. This means you can expect quick turnaround times, ensuring you get the parts you need without delay. Our domestic sourcing also means we have greater control over quality, allowing us to maintain consistently high standards across our entire product range.

With reduced shipping distances and fewer logistical hurdles, we can respond rapidly to urgent requests and changing demands. This approach not only supports American manufacturing but also provides you with the peace of mind that comes from knowing exactly where your parts originate. Choose us for your parts and accessories, and experience the benefits of a streamlined, efficient, and responsive American supply chain.



Fittings

UNMATCHED WARRANTY

Comprehensive parts and labor warranty coverage for up to five years.

We take pride in delivering top-quality, American-made products. But our commitment doesn't end there. For your added peace of mind, we offer a comprehensive warranty that stands behind every item we produce. Experience the confidence that comes with superior craftsmanship and unmatched protection.



Service After You Buy

With our premier dealer network, you'll maximize the life of your new Arctic product and experience the lowest total cost of ownership possible.

Our comprehensive extended warranty options help you plan for the future with peace of mind for up to five years.

	Standard	Silver	Gold
Compressor Block	2 Yr	5 Yr	5 Yr
Filtration/Purification System	2 Yr	5 Yr	5 Yr
Electric Motor	2 Yr	2 Yr	5 Yr
Auto Drain	2 Yr	2 Yr	5 Yr
Gauges	2 Yr	2 Yr	5 Yr
Cabinet/Enclosure	2 Yr	2 Yr	5 Yr
Latches	2 Yr	2 Yr	5 Yr
Switches	2 Yr	2 Yr	5 Yr



Like many American small businesses, Arctic Compressor is family-owned and operated. As the second generation, it has been very important to me to maintain our values and commitment to quality.

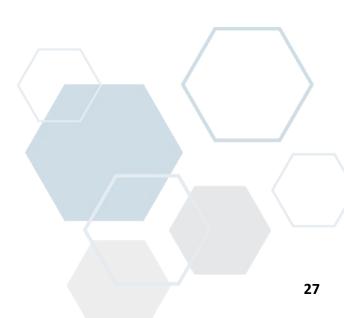
Our company is made up of individuals who care deeply about the service and products we provide. We are proud to be an American manufacturer and want our customers to know that when they buy from us, they are supporting their fellow Americans.

Sincerely,

Ston Jo

Steven Potter President, Arctic Compressor







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