INDEX

NOTE: All prices in this catalog are subject to change at any time

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WARNING: Safe Filling 5500 psi Cylinders ..............................IBC
Fire departments around the world rely on Breathing Air Systems for compressors, mobile trucks and trailers, control panels, oxygen supplies, fill stations, air and oxygen boosters, filters, gauges, and hoses.

In our decades of business, we’ve provided breathing air solutions in just about every state, on six of the seven continents, to our armed forces, and our ships at sea. Our air analysis and maintenance programs keep the air safe and plentiful for thousands of fire fighters across North America, including Canada, Mexico and the Caribbean.

Why do people like us? Close to 50 years of experience for one thing. You have a problem you can’t figure out? Very likely we’ve seen similar, and we can design the solution for you. All of our sales staff are also technicians -- when you are talking with someone about purchasing, you are speaking with someone who knows that equipment.
We’ve installed more than 4000 compressors. When we install and start up a new system, we provide an on-site training for all personnel who will be operating and maintaining the equipment. We also award certificates for all who participate. AND, we’re there when you want us, 24/7, on our website. Download information, order parts, request a bid, calculate lease payments, ask questions.

From our beginning as a two-man business in Ohio in 1969, today Breathing Air Systems is proud to stand as the nation’s leader in sales and service to the breathing air industry. Along the way we have helped shape the industry we are part of. We’re proud to say we were named the Ohio Small Business of the Year, and the #1 distributor for BAUER for years.

Our home office and factory is located in Reynoldsburg, Ohio, and we maintain branches in Ocala, Florida; Moweaqua, Illinois; Pittsburgh, Pennsylvania; and Chattanooga, Tennessee. As a BAUER Master Distributor, we also work with regional dealers to provide parts and service throughout the United States and internationally.

WE’RE PROUD TO SERVE YOU!
The heart of your SCBA refill station is your compressor, working hard whenever needed to deliver clean, pure, fresh air to department personnel. Your health and safety depend on this rugged machine! On the next few pages you will find the equipment to best suit your needs, from 4 to 145 cfm, 5000 to 7000 psi.

Breathing Air Systems has been the leader in the industry since 1969. The first compressor we sold, to a scuba shop in Newark, Ohio, was a BAUER unit. And the relationship has been going on ever since. The BAUER compressor has become the standard of the breathing air industry around the world. We offer it in full confidence that it is the BEST compressor available. Why?

**Strength and durability.** Longest maintenance intervals and cost conscious replacement parts give BAUER lowest cost of ownership in the industry. The heavy duty drive offers a 30,000 hour life expectancy. And, it runs cooler - this is the key to long life.

- **No “Break-In” period required** on initial start-up.
- **A durable forged steel crankshaft** supports high strength aluminum alloy connecting rods. To reduce friction each connecting rod has a roller bearing at the crankshaft end and a needle bearing at the pin end.
- **Low pressure lubrication system** pumps filtered oil to the final stage of compression.
- **Valves are readily accessible** for inspection and maintenance.

Regular maintenance is inexpensive and easy to complete. Maximum valve life is 2000 hours!

Verticus, Maxi or Mini  
5000 & 6000 psi  
Silent cabinet design  
Less than 70 dBA

BAUER Compressors now carry a Two-Year On-Site Warranty, The best in the industry.

Additionally, a Five-Year warranty is given on the compressor block for municipal fire departments.

Vertecon - up to 7000 psi
Unicus 4i Compressor
With options to make NFPA 1989 compliance easy and automatic

21st CENTURY OPTIONS

- **Lab on Locale II™** for quarterly air tests. Samples the air and transmits the reading via Internet uplink to an accredited third-party lab.
- **BAUER GAS-TEK™** gas monitoring systems utilizes state-of-the-art gas sensor technology with real-time assessment of breathing air quality. Able to continually test for CO, CO₂, O₂, and H₂S.
- **RFID Interface** for SCBA that are so equipped.

STANDARD FEATURES

- Integrated 12” HMI touch screen, which controls the entire system from a central location.
- BAUER compressor. Choose 13, 18 or 25 cfm at 6000 psi, and 20 or 25 cfm at 5000 psi.
- BAUER Securus electronic moisture monitoring system.
- Cascade air storage system containing up to four cylinders.
- Containment-style fill station, tested and rated for 5500 psi.

**UNICUS 4i features self-bleeding connectors. No in-line bleeder necessary.**
**UNICUS III**

The **TOTAL SYSTEM**, proven reliability after decades in the field. The LOWEST lifetime ownership cost of any high-pressure compressor!

**STANDARD FEATURES:**

- BAUER Compressor from 10 cfm to 42 cfm
- ASME storage system, 2 cylinders
- 3--position containment-style fill station.
  - NFPA Compliant! **Capable of filling 5500psi.**
- Cartridge-type purification system
- Electronic cartridge monitoring system
- PLC controller
- Graphic design control panels
- Audible alarm
- Emergency stop switch
- Automatic shutdowns both low-oil pressure & hi temp
- Priority Refill System, with storage bypass valve
- Interstage gauges mounted inside cabinet

**Two Year On-Site Warranty!**

**DESIGN YOUR OWN UNICUS III. TELL US WHAT OPTIONS WILL WORK BEST FOR YOU.**

- Choose from 10 different-sized compressors, 5000 or 6000psi
- Electronic digital readout, carbon monoxide monitor.
  - (Mandated by NFPA 1989)
- Cabinet-enclosed, spring rewind hose reel & 75-ft hose, with fittings and an adjustable regulator
- ASME storage system: add 1 or 2 more cylinders, OR, change from ASME storage to DOT/ISO
- Regulated remote outlet with quick disconnect
- Refill hose to fill mobile systems

Basic internal view of the UNICUS III, 4i, and Mini. Shown with optional four-cylinder ASME storage system.
MINI-UNICUS SYSTEM

A budget-minded version of the popular BAUER Unicus System. Loaded with features!! For high or low pressure SCBA and SCUBA cylinders.

STANDARD FEATURES:

- BAUER Compressor from 5 cfm to 13 cfm, 5000 or 6000 psi
- DOT/ISO approved storage system, two cylinders, enclosed rack
- 2-position containment-style fill station. NFPA Compliant! Capable of filling 5500psi.
- Electronic cartridge monitoring system
- Cartridge-type purification system
- PLC controller
- Graphic design control panels
- Audible alarm
- Emergency stop switch
- Automatic shutdowns low-oil pressure, hi temp
- Priority Refill System, with storage bypass valve

OPTIONS AVAILABLE:

- ASME Storage cylinders
- CO Monitor
- Side-mounted cascade control fill panel
- Remote Fill, with bulkhead fitting, regulator, pressure gauge, line valve, & quick disconnect
- Dual-pressure fills
- Wall-mounted hose-reel kit

Shown with optional side-mounted fill panel available for any Mini-Unicus.

Two Year On-Site Warranty Standard!
Five year warranty on the block for Municipal departments.

FREE! BAUER rug with the purchase of any Unicus system
Year after year in the High Pressure Breathing Air industry, we have found these compressor packages to be the most popular for the fire service. These systems offer many choices in compressor size, type of driver, output rate, configuration, etc. Most important, they all feature a rugged BAUER compressor, with the consistency and years of service that come with it.

Today’s breathing air station has four major components:

- Air compressor
- Storage/cascade system
- Fill station (specified by NFPA 1901)
- CO monitor (specified by NFPA 1989)

The CO monitor might be a separate unit, as shown on this page, or it might be part of the compressor.

The above air system features an enclosed compressor, the silent cabinet design. Your choice of 5000 or 6000 psi, from 6 cfm to 42 cfm. The cascade system shown stores more than 2000 cubic feet of air (See page 18 for number of fills that can be achieved). The fill station on the right can fill two SCBAs at a time, and is NFPA compliant. The CO monitor offers push-button calibration, and assures clean, safe air. Many options available.

The air system at left is priced to fit most grants.

Let us put a system together for you!

Contact: sales@breathingair.com, or call our 800 number for assistance.

Leasing Also Available.

This system offers the Vertecon compressor, the open vertical design. Your choice of 5000 or 6000 psi, and up to 25 cfm. The CO Monitor shown here is factory installed. This cascade system stores more than 2000 cubic feet of air. The fill station on the right can fill two SCBAs at a time, and is NFPA compliant. Many options available.
CABINET MODEL COMPRESSORS

MINI-VERTICUS & MAXI-VERTICUS
Packaged in a sound-reducing, space-saving cabinet for quiet operation

Rugged BAUER compressors, with motor, air purification, and SECURUS electronic moisture monitoring system.

The MINI-VERTICUS (left) sound level is approximately 70 dBA, and the MAXI-VERTICUS (right) is less than 79 dBA at 3ft.

STANDARD WITH ALL VERTICUS:
- BAUER Breathing Air Purification System with SECURUS
- PLC based controller with multicolor touch pad display Two safety shutdowns - Low oil pressure and high temperature
- Automatic condensate drain system
- Push button emergency stop

Also on Maxi-Verticus:
- Interstage pressure gauges
- Inlet filter maintenance indicator
- Lift-off maintenance access doors

CO Monitor Available

MAXI VERTICUS - 18cfm to 45 cfm
MINI VERTICUS - 5cfm to 13 cfm

Two Year on-site warranty!
A full Five-Year warranty is given on the compressor block for municipal fire departments.

Mini-Verticus
29W x 49D x 58H

Maxi-Verticus
34W x 50.5D x 65.5H 15-20 HP
44.5W x 68D x 74.5H 30 HP

BREATHINGAIR.COM | SALES@BREATHINGAIR.COM
Vertecon compressors are designed in a vertical cabinet. Space saving, economical, with a variety of choices.

**Standard Features:**
- BAUER PLC based controller
- UL Listed Electrical Assembly
- BAUER purification system
- Automatic condensate drain system
- 3-, 4-, or 5-stage unit
- 7000psi models available

**Larger units available up to 145 cfm and 7000psi**

**5000psi service**
For 8.4, 21 or 26.4 cfm.

**6000psi service**
3, 4 and 5-stage.
For 5, 9.7, 13, 18 or 25.2 cfm

Municipal fire departments also get a 5-year warranty on the compressor block!

Ask about our *Legacy Program*, special packages with 13cfm and 18cfm Vertecon Compressors!
ENGINE DRIVEN COMPRESSORS

From 13 cfm to Over 60 cfm

Available With CO Monitor & Auto Drain System

Two Year on-site warranty!

Standard Features:
- PLC based controller with 4-line text display
- Electric version includes pressure switch (optional on gasoline)
- Final air pressure switch, hour meter
- Pressure-lubrication oil pump
- Low oil and high-temp shutdowns
- BAUER P-series purification system
- UL listed electric panel
- Two-Year on-site warranty, the best in the industry
- Five Year Warranty on compressor block, for municipal fire departments

Many options, including CO monitor, SECURUS cartridge system, & purification upgrade.

5000 or 6000 psi compressor,
Choose electric, gasoline, or diesel
Two choices from BAUER depending on your usage - The rugged Oceanus (4.9 cfm charging rate) and the Junior II (up to 4.3 charging rate, depending on the driver).

**OCEANUS - STAINLESS STEEL FRAME**
- Three-stage compressor on a fixed base
- Sturdy. Rated for filling storage bottles
- BAUER PO purification system
- Pressure-lubrication oil pump
- 5-foot fill hose assembly with scuba yoke & pressure gauge
- Inlet filter
- Corrosion-resistant coolers
- Available with single-phase electric, three-phase electric, or gasoline engine

**JUNIOR II - SHOWN WITH AUTOMATION PACKAGE**
- Three-stage compressor on a fixed base
- BAUER PO purification system
- Inlet filter
- 5-foot fill hose assembly with scuba yoke & pressure gauge
- Available with single-phase & three-phase electric, diesel, or gasoline engine

Either of these portable units, when equipped with an electric motor, is available with the Automation Package, with a magnetic starter, on/off switch, Emergency Stop button, an auto-pressure switch, and auto drain.

**BAUER DMT SERIES**

<table>
<thead>
<tr>
<th>Model</th>
<th>Charging Rate</th>
<th>Service Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMT08</td>
<td>8.4</td>
<td>5000psi service</td>
</tr>
<tr>
<td>DMT10</td>
<td>9.7</td>
<td>5000 or 6000psi service</td>
</tr>
</tbody>
</table>

Plenty of options available, including electric starter, hour meters, interstage gauges, and purification upgrades.

- Choose electric, gasoline, or diesel
- BAUER P-Series purification system
- Inlet filter
- Pressure-lubrication oil pump
- Stainless steel intercooler and aftercooler
- Electric version includes pressure switch (optional on gasoline)
- 5-foot fill hose assembly with scuba yoke and pressure gauge
- Optional roll bar frame kit available
- Optional wheel kit available

Sketch on left shows an electric DMT, from top.
At any time, Breathing Air Systems has a supply of older compressors BAUER, MAKO, Eagle, and custom machines, that we have acquired trade-ins. These are priced to save you thousands of dollars compared to purchasing a new compressor. Unless specified as is, the systems have been completely gone over and updated to meet today’s needs.

UNITS ARE SOLD WITH WARRANTY!
Most units include a 6-months parts and labor warranty, unless otherwise stated. Remember, that 6-month warranty is half of that offered by most manufacturers on a brand new system.

Our stock of reconditioned units usually runs from six to 10 on hand, of various sizes and options. Units will range in price. Many of the trade-ins are units that have been on maintenance contract with us for years, so we know they’re in good shape.

Along with compressors, our used stock includes monitors, air panels, storage cylinders, fill stations, boosters, and most components of a modern breathing air system. Check us out!

Go to our website, www.breathingair.com for an up-to-date list of available reconditioned units currently in stock. Web pages are updated weekly. Or, give us a call!
NFPA-COMPLIANT FILL STATIONS

Containment fill stations are designed to contain the debris, if a cylinder were to burst during the refill process.

CFS5.5-2Sx4x4
two-bottle station
Our most popular. Cascade control valves and gauges right on top of the station. Regulated remote fill (upper left on panel) is standard.

625 lbs.
29.5W x 21.5D x 55.5H

CFS5.5-2S
two-bottle fill station
Same as at right, without cascade control valves, gauges, and remote fill.

660 lbs.
29.5W x 21.5D x 57.5H

Safe for 5500psi fills!

CFS5.5-3Sx4x4
three-bottle fill station
Fills three cylinders at the same time. Same features as above.

905 lbs.
40.5W x 21.5D x 57.5H

INCLUDED:
• Easy Operating Door! front-loading, tilt-out less than 18 lbs effort
• Safety interlock
• Adjustable regulator
• Fill control panel
• Fill hoses with bleeders
• Cylinder scuff guard
• 2-year on-site warranty

AVAILABLE OPTION:
Dual Fill or Tri-Fill: safe filling where different pressure cylinders will be filled

CFS5.5-1Sx4x4
for filling a single cylinder. Shown with cascade control valves and gauges.

450 lbs.
24.5WD x 21.5D x 56.5H

450 lbs.
24.5WD x 21.5D x 56.5H
The refrigerated dryer from BAUER for HIGH-VOLUME users

B-KOOL produces up to 11 times longer life for your filter cartridges. You benefit from:

- Lower costs of purchase and storage
- Longer uninterrupted compressor operation
- Environmentally sound. Easy to retrofit

B-KOOL quickly pays for itself, as cartridge running costs are reduced!

BAUER INDUSTRIAL AIR & GAS COMPRESSORS

Duplex 20HP Industrial Air Compressor

Industrial Air and Gas compressors and packages

Up to 7000psi

Air Nitrogen
Inert Gas CNG
NFPA mandates all oil-lubricated compressors must be equipped with a CO monitor, with audible and visual alarms capable of shutting down the compressor when the CO level exceeds 5.0 ppm.

**BAS218**
- Electronic flow sensor
- One of the few monitors able to reliably alarm at 5 ppm
- Constant digital readout
- Simplified, push-button calibration
- Audible and visual alarms
- Accepts 50 to 6000 psi
- Only one test gas needed—half the calibration cost
- Works with most modern compressors.

**Test Gas for Monitor Calibration**
- ZEROGAS - No CO
- CO10 - 10 PPM
- CO20 - 20 PPM
- $79.00

**Complete with regulator and gauges**
One test gas included

**CO550**
Monitor without control panel

Used to replace Ecolizer & Otox monitors, using existing flow controls & calibration kit
You choose which gases are critical!

**Combine two or more monitors to serve you best:**

- Carbon Monoxide
- Oxygen
- Moisture
- Hydrogen Sulfide
- Carbon Dioxide**
- Almost any containment

** Carbon dioxide monitor uses infrared sensor for long life

Simplified, push-button calibration

Only one test gas needed-- half the calibration cost. Calibrate multiple monitors at the same time. Comes complete with regulator, flow meter and calibration kit.

Required test gas included. | See test gases opposite page.
## NUMBER OF SMALL CYLINDERS THAT CAN BE FILLED FROM YOUR STORAGE SYSTEM

<table>
<thead>
<tr>
<th>Storage Cylinders, type and pressure</th>
<th>Number of Cascade Cylinders</th>
<th>30-minute SCBA Cylinders 2216 psi</th>
<th>30-minute SCBA Cylinders 4500 psi (5500 psi)</th>
<th>45-minute SCBA Cylinders 4500 psi (5500 psi)</th>
<th>60-minute SCBA Cylinders 4500 psi (5500 psi)</th>
<th>75-minute SCBA Cylinders 5500 psi</th>
<th>80 cubic foot Scuba 3000 psi</th>
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<tr>
<td>ASME type filled to 6000 psi</td>
<td>2</td>
<td>21</td>
<td>10 (3)</td>
<td>7 (1)</td>
<td>5 (1)</td>
<td>1</td>
<td>9</td>
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<tr>
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<td>3</td>
<td>33</td>
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<td>4</td>
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<td>36 (13)</td>
<td>25 (7)</td>
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<td>3</td>
<td>38</td>
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<td>5 (**)</td>
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<td>**</td>
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<td>58</td>
</tr>
</tbody>
</table>

**When filling 4500 psi SCBAs from a 4500 psi storage bank, you will never get a totally filled cylinder. Several will be within the 80% range.

**NOTE 1:** These numbers are based on the small cylinders having been depleted down to their alarm or reserve pressure, and on using the cascade method of refilling.

**NOTE 2:** The use of an air-powered booster pump will increase the number of refills significantly, up to 50% more.
After the air is compressed, it is stored for quick access when it is needed. On this and the few next pages are cylinders, plumbing, accessories and racks, plus hoses and reels.

**DOT/ISO/UN CYLINDERS**

**INCLUDES:**
- Four DOT & UN approved cylinders
- 415 high pressure, adjustable regulator
- 2 1/2” line gauge
- Deluxe valves
- Safety devices on each valve
- All fittings and pigtails
- Connector hose from compressor
- Heavy duty 6’ filler hose
- Wall mounting brackets

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS6-4R</td>
<td>6000psi, 414 bar with regulator</td>
<td>2040 cubic feet</td>
</tr>
<tr>
<td>CS6-4</td>
<td>6000psi, 414 bar no regulator</td>
<td>2040 cubic feet</td>
</tr>
<tr>
<td>CS5-4R</td>
<td>5000psi, 345 bar with regulator</td>
<td>1888 cubic feet</td>
</tr>
<tr>
<td>CS5-4</td>
<td>5000psi, 345 bar no regulator</td>
<td>1888 cubic feet</td>
</tr>
<tr>
<td>CS4-4R</td>
<td>4500psi, 310 bar with regulator</td>
<td>1748 cubic feet</td>
</tr>
<tr>
<td>CS4-4</td>
<td>4500psi, 310 bar no regulator</td>
<td>1748 cubic feet</td>
</tr>
</tbody>
</table>

**ASME CASCADE SYSTEMS**

Approved for permanent installation!

- Four new ASME cylinders, dual rated 5250/7000 psi
- Safety valve on each cylinder
- All valves, fittings, connections
- Painted mounting rack, stackable
- Drain port valve on each cylinder

**CUSTOM PLUMBING AVAILABLE**

Depending on your use Manifold tees and pipe fittings are stainless steel

Available with many options. Give us a call!

Cascade Systems are shown here with 4 cylinders, but your system can come with any number that fits your purpose. Check out our website for samples of multi-cylinder cascades.
CASCADE & STORAGE

Free Standing Vertical Racks for vertical cascade

POD4 - $1040
holds 4 bottles
POD6 - $1240
holds 6 bottles
POD8 - $1440
holds 8 bottles

Horizontal Mounting Rack for Cascade Cylinders

ASME2T - add 2 bottles $461
ASME3T - add 3 bottles $572
ASME4T - add 4 bottles $653

ASME2B - 4 bottles $603
ASME3B - 6 bottles $744
ASME4B - 8 bottles $868

MR4
This compact unit holds 4 cylinders and measures 20 x 20 x 57 1/2
$1200

MR3
Compact DOT cylinder rack, holds 3 cylinders, and measures 10 x 29 1/2 x 57 1/2. Includes valve protection.
MR4x1 - $1265
Same as above, but holds 4 cylinders. 10 x 39 5/8 x 57 1/2

C4-FL-GL
Rack for 4 cylinders with forklift slots and crane lift eyes
Other sizes available (2, 4, 6, 9, 12 and 16)
$1180

CUSTOM RACKS AVAILABLE

Need A Spare Cylinder?
Cylinder, valve, pigtail, and mounting bracket
CS4A 4500 PSI
CS5A 5000 PSI
CS6A 6000 PSI

Cylinder w/ valve
M2751A - 4500psi
capacity 437 cubic feet
144 lbs., 55” high
outside diameter 9 5/16”
M2752A - 5000psi
capacity 472 cubic feet
180 lbs., 55” high
outside diameter 9 13/32
M2750A - 6000psi
capacity 510 cubic feet
188 lbs., 55” high
outside diameter 9 9/32”

MR4x1 - $1265
Same as above, but holds 4 cylinders. 10 x 39 5/8 x 57 1/2

MR4
This compact unit holds 4 cylinders and measures 20 x 20 x 57 1/2
$1200

MR3
Compact DOT cylinder rack, holds 3 cylinders, and measures 10 x 29 1/2 x 57 1/2. Includes valve protection.
MR4x1 - $1265
Same as above, but holds 4 cylinders. 10 x 39 5/8 x 57 1/2

C4-FL-GL
Rack for 4 cylinders with forklift slots and crane lift eyes
Other sizes available (2, 4, 6, 9, 12 and 16)
$1180

CUSTOM RACKS AVAILABLE
DOT CYLINDER VALVE

**VLV346** ..........CGA346 x 3/4 Inlet .......... $27.95
**VLV347- ¾OS** ....CGA347x Oversize 3/4 Inlet. .. $106.95
**VLV540** ..........CGA540 x 3/4 Inlet .......... $27.80
**VLV677** ..........CGA677 x 1 Inlet ............ $155.95
**VLV702** ..........Female CGA702x3/4 Inlet ...... $69.95

**1400-30-101** bonnet and stem assembly for Sherwood GV valves $18.00
**1400-40** lower plug and seat assembly for Sherwood GV valves $5.00
**1919A** hand-wheel for Sherwood GV valves $5.00

**P625-19N9-65**
For 4500psi valves
$8.00

**P625-19N9-78**
For 5000psi valves
$8.00

**P625-19N9-95**
For 6000psi valves
Other pressures available
$8.00

---

**PL5**
4500 or 5000 psi CGA347 $520.00

**PL6**
6000 psi CGA702 $600.00

**M2753**
3 1/2-11" diameter thread $37.00

**M2756**
3 3/8-11" diameter thread $600.00

---

Everything for a cascade system, except cylinders
Plumbing & mounting kit for 4 bottles. Includes regulator & fill hose

**CS4-4RKIT** - $1110
up to 4500 psi CGA347

**CS6-4RKIT** - $1295
up to 6000 psi CGA702

Available without regulator:
**CS4-4KIT** - $850
**CS6-4KIT** - $950

---

**SEAT**
$18.00
For Sherwood series cascade valve

**SFTY**
$11.00
For Sherwood series cascade valve

---

**DOT CYLINDER**
**Hose Reels**

**EFH1514**
12-volt 6000psi sizes available for most hose lengths

**FLN715-23-24JTR**
Spring rewind hose reel
LOW PRESSURE, ___ psi holds 75' of HPH6000 hose

**FH1514**
6000psi holds 175' of 1/4” ID hose manual rewind
Shown with optional carry handles. Hose not included.

**FHN715-23-24JTR**
Spring rewind hose reel
6000psi holds 75’ of HPH6000 hose
Top mount rollers included

**Hose Reel Mounting Rack**
Rack shown here with two Hannay EFH1514 reels.
Call us with your configuration
MST Breathing Air Purifiers

MSTRP010AMST-S1

Removes deadly carbon monoxide  
Respiratory Protector Series

- Meets OSHA standard 29CFR1910 that breathing air meet the requirement for at least Grade D.
- For breathing air up to 150psi
- Removes CO without the need for desiccant dryers.
- Portable or stationary
- Comes with digital CO monitor, audible and visual alarm

Also available in panel-mount

We offer filtration systems that can handle 10 to 1000 cfm

NANO B-Series Purifiers

Each NANO B-Series Purification System includes a F1 NWS water separator, an adjustable regulator, and a CO monitor. The M01 0.01 micron coalescing filter with automatic condensate drains, and the activated carbon adsorber remove moisture, oil aerosols, odors and bad taste to 0.003 ppm.

The BAC portable breathing air case is the solution for one or multiple users who need a robust, portable breathing air filtration system.

Where there is potential for high levels of CO or CO₂ in the air, the modular NBA purifier adds extra filtration to make the air safe. The NBA removes CO and CO₂ using a 4-layer, mixed bed cartridge in aluminum extruded vessels.

We handle a complete line of air and gas processing equipment. If you don’t see what you need, please call!
Cascade Systems

Air Line Respirator Supply Units

3 Year Warranty

Whenever you’re more than hose-length from your air supply:

Hazmat Conditions  |  Painting Confined Spaces
Cleaning or Sanding

Provides up to a 5-hour air supply for a single person using a demand-type mask.

INCLUDES:
- Adjustable regulator, 0-350 psi
- Two 2-inch gauges
- Quick disconnect port for hose (Hose not included)
- 4500psi DOT/ISO/UN cylinder(s)
- Safety relief valve
- Heavy duty cart, pneumatic tires
At industrial sites, and in the gas and oil fields, workers face the potential of exposure to hydrogen sulfide or other toxic gases. Safety depends on the quick accessibility of clean breathing air, and the equipment to deliver it.

Bringing safe, clean breathing air to a problem area is what we do every day.

Every site is unique. Talk to Breathing Air Systems about your situation, and let us work out a solution for you.
WHEN COMPRESSED AIR QUALITY COUNTS

Comes standard with:
- Multi-finned cylinders
- Integral cylinder/head
- Balanced pistons
- Piston rings
- Lightweight connecting rods
- Pressure relief valves
- Intercoolers
- Optimized cooling fan/flywheel
- Reliable, high-flow valves
- Oversized main bearings
- Balanced crankshaft
- Large capacity crankcase
- Loadless starting

Superior Quality and Reliability
Oil-lubricated and Oil-less

Oil-lubricated compressors extremely heavy duty, with 5-year pro-rated warranty.

Choose Oil-Free or Lubricated

Loaded with rugged features, Champion’s R-Series splash-lubricated compressors deliver performance, long life and tremendous value.
LOW PRESSURE SUPPLIED AIR PACKAGE

For Fixed or Mobile Operations

This is one of many systems we can design. This system comes with high-pressure backup.

- Roto Champ 96cfm compressor, 125psi
- 1750 cubic feet, HP compressed air backup
- 100 cfm MST purifier - Removes deadly Carbon Monoxide
- Digital CO Monitor, with audible and visual alarms
- Refrigerated drier
AIR CONTROL PANELS

PANELS ARE BUILT TO FIT YOUR HEIGHT AND WIDTH SPECIFICATIONS

YOU DECIDE...

The size, the shape, the configuration, and what controls you need. Panels allow you to operate the compressor, to individually open cascade cylinders, to safely regulate fill pressure, to recharge one or multiple SCBAs at once, and to do remote fills, both high-and low-pressure. The experts at Breathing Air Systems will design the panel to fit.

FOR MOBILE USE,

This panel has controls and gauges for individual cascade cylinders, as well as compressor controls. It is also built to do remote low pressure fills.

SPACE SAVER PANELS

These two panels are used with the Space Saver fill stations, built to fit the vertical model (left) and the horizontal model (below).
**AIR CONTROL PANELS**

For mobile use, the panel below was built to answer a customer’s specific need. It allows you to utilize low and high pressure air away from the vehicle.

**671 Wall Mount Panels**

- With adjustable regulator, two gauges
- **671** - 6000psi in -- 300-6000 psi out
- **671LP** - 6000psi in -- 0-300 psi out

Four storage components? 10? More? We’ll build it for you.
We’re Known Nationwide...

For the quality and efficiency of our custom panels. Let us design one for you.

AIR CONTROL PANELS
Features:

- Automatic cascading for four cylinder storage banks
- Electrically control each SCBA fill with a simple on/off switch
- Fills 2216, 3000, 4500 or 5500 psi, & all pressures in between
- Also refills cascade storage vessels sequentially, from the lowest to the highest
- 12 vdc control circuit for mobile use, or 120 VAC for stationary
- 6000 psi inlet pressure

Custom made to meet your special configurations: square, horizontal, vertical.
Booster pumps provide up to 40% more SCBA refills from any cascade systems.

**The Workhorse of Boosters**

This unit needs no outside power source. The booster is powered by the stored air itself - down to 1000psi. This makes it especially useful for mobile systems.

**58985-2**

- Pressures to 6000 psi
- High and low pressure gauges
- Automated control system
- Automatic pressure regulator
- May also be driven with alternate power source
- Mounts in any position
- Safety relief valve

![Booster shown mounted in mobile air trailer.](image)

**Sample Flow Rates, depending on intake pressure**

- from 1000psi to 4500 psi, 13.5 cfm
- from 2000psi to 4500 psi, 30.7 cfm
- from 3000psi to 4500 psi, 48.7 cfm
- from 4000psi to 4500 psi, 67.5 cfm
- from 5000psi to 6000 psi, 83 cfm

15” H x 33”L x 18” W
less than 60 lbs weight
Electric Boosters

Lightweight and portable, single or three phase 1 1/2 HP motor, 230 volts, 15 amps available in single pressure or dual pressure

- Automatic pressure switch
- Pressure Gauges, inlet & outlet, 0-6000psi
- Automated control system & hour meter
- 8-foot high-pressure line, from cascade
- Safety relief valve

Weight—145 lbs.
30 1/2” L x 19” W x 15 1/2” H

BST4

Maximum output is 6000psi (air) from as low as 200psi inlet pressure. Low noise - 60 dBA

- Pressure Gauges, inlet & outlet
- Inlet and outlet 5-micron filters
- Outlet Pressure Regulator, 0-6000psi
- Factory-Set Automatic pressure switch
- Automated control system & hour meter
- Less than 150 lbs.
- Safety relief valve

<table>
<thead>
<tr>
<th>INPUT PRESSURE</th>
<th>FLOW RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 psi</td>
<td>7.04 cfm</td>
</tr>
<tr>
<td>1000 psi</td>
<td>13.76 cfm</td>
</tr>
<tr>
<td>2000 psi</td>
<td>27.2 cfm</td>
</tr>
</tbody>
</table>

2 hp, 230 volt Single or 3-phase
145 lbs weight 11” H x 32” W x 20”D
Breathing Air Systems is acknowledged nationwide as THE EXPERT in designing and fabricating mobile trucks & trailers for delivering breathing air.

Hundreds of Fire and Emergency Departments are moving their air with Breathing Air Systems. Why not join them?
For the past decade, the most exciting area of advancement in the fire service is with mobile systems: compressors and cascades, trucks and trailers, and related components. The next 11 pages feature a variety of mobile equipment.

For more than a decade, Breathing Air Systems has specialized in mobile systems and components.

A mobile air refill system, giving you the ability to refill SCBAs at a fire scene, or to provide air for HazMat protection, or to power your air tools, has become a must-have for fire departments all over the nation. These will range from a fully-outfitted fire truck or trailer, to a slide-in cascade unit that can make any van or pickup a versatile mobile system.

You may choose a basic Air and Light Vehicle, providing you a breathing air compressor, stored air, scene lights, and storage. The Responder trailers offer all of these features, and importantly, an inside work area protected from the weather. See page 41.

The STAR Trailer is a trailer-based cascade system, bringing 4000 to 5000 cubic feet of stored air to your emergency scene. There is NO POSSIBILITY of air contamination at the scene. And again, the operator is inside, protected from the weather. See page 36.

When it works better, one of your department’s current trucks can be fitted with a compressor, fill station, storage system, air panel, or more. These can be individual components, or a unitized system as shown at left. We can design a system to fit neatly and efficiently into your vehicle. To get an idea, see page 32.

Very popular with dive teams and smaller departments, the PK systems can quickly convert your pickup to an onsite refill station, or provide air for remote hazmat use. Ideal for scuba teams. See page 43.

Ahead with mobile Oxygen Generation systems, for long-term emergency service for hospitals, clinics, and the like. See page 53.

Join the many fire departments across the country who are moving their air with Breathing Air Systems. For advice, for pricing, for a quote, give a call to one of our experienced staff.
MOBILE FILL STATIONS

Class #2 Containment Fill Stations

Safe for 5500psi fills
NFPA 1901 Compliant

Easy Adjustable Opening Door!
Less than 18 lbs effort

Mounting Stands Available
Stands will add 8” to height

CF55.5-2M
30W x 22D x 38H

CF55.5-2Mx4 x4
35.5W x 22D x 38H

CF55.5-1M
18.5W x 22D x 38H

CF55.5-1Mx4 x4
24.5W x 22D x 47H
Mobile Fill Stations
“When space is at a premium”

Space Saver mobile fill stations fill a critical need at the fire scene providing safety to fire personnel while taking up as little room as possible. Meets NFPA1901 mandates!

Features:
- Safety inner-lock
- Convenient easy-slide door
- Tilt-down tank holders, with gas spring assist
- Stainless steel fill assemblies, 6000psi fill hoses
- Vertical fill stations have a slide-up door with gas spring assist
- Vertical stations are available in 2-, 4-, and single cylinder designs

**M2791M** (left) fills one cylinder while utilizing a tiny space. 15” W, 17.75” D, and 42.5” H.

**M2794M** will fill four SCBAs, and is only 22.5” W.

**M2792H** is designed to fit above the wheel well. Shown here with optional control panel. 43.5” W x 13.5” high x 25” deep. 400 lbs.

**M2792M** fills two SCBAs while using less room than most single-position stations. Shown here mounted with the optional control panel. Only 13.5” W, 23.5” D, and 53” H with door open. 405 lbs.
The STAR Refill Trailer is a mobile cascade system for use at the incident scene, for quick, clean, on-the-spot refills. It does not include a compressor. It is filled by a “mother compressor” located back at the station.

The operator works inside the unit, and is protected from rain, snow, wind, and other nasty weather.

The STAR 100 carries 5330 cubic feet of compressed air in twelve 4500psi DOT/ISO cylinders; the STAR 70 carries 3996 cubic feet of stored air, in nine 4500psi DOT/ISO cylinders.

Since the system is closed loop, there is NO chance of the air being contaminated on the scene, whatever the conditions! The clean, safe air you’ve pumped at the station, is the clean, safe air you’ll get at the scene.

Shown below are six storage vessels in the STAR 100, the NFPA-compliant fill station, capable of 5500 psi fills; the 58985-2 booster pump; and an auxiliary fill hose.

At right are six more storage cylinders, two 750 watt expendable lights, and the SCBA rack.

**STAR 100:** Twelve 4500psi DOT/ISO cylinders, 5330 cubic feet of stored air, ready for immediate use.

**STAR 70:** Nine 4500psi DOT/ISO cylinders, 3996 cubic feet of stored air, ready for immediate use.

The STAR system comes fully assembled, tested, & filled with grade E air, ready for immediate use. Custom configurations available; 6000 psi versions available.
STAR Trailers come complete with:

- 58985-2 booster pump -- no outside power source needed. The pump will fill your SCBAs when storage pressure goes low as 1000psi.
- Containment-style fill station, two position, with gauge panel. NFPA 1901 compliant.
- 15-position, SCBA transfer rack, steel, w/diamond plate sides
- 35 foot refill hose
- Mounted in a screw-less, tandem axle road ready trailer, 12ft x 7ft x 7ft.
- Other options available
- Picture shown includes optional equipment

Full cylinders are removed from the protective fill station, then passed through the SCBA rack, to the working Fire Fighters outside.

**Comparison of SCBA complete fill capacities**

<table>
<thead>
<tr>
<th>SCBA SIZE</th>
<th>STAR 100</th>
<th>STAR 70</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 min 2216psi</td>
<td>100</td>
<td>70</td>
</tr>
<tr>
<td>30 min 4500psi</td>
<td>65</td>
<td>50</td>
</tr>
<tr>
<td>60 min 4500psi</td>
<td>29</td>
<td>22</td>
</tr>
</tbody>
</table>
BAUER’s Heavy-Duty, Mobile Air Trailer

6000 psi Compressor
You choose between a 25cfm or a 13cfm charging rate.

Shown here with the optional telescoping light mast, with four 500-watt lights.

- Charging rate: 25.2cfm or 13cfm.
- Four ASME Air Storage Cylinders
- Two-position Containment Fill Station for SCBA or SCUBA cylinders
- Four Bank Dual Function Cascade Panel with Air Direction Valve
- SCBA Storage for up to 12-SCBA Cylinders
- BAUER Breathing Air Purification System with SECURUS
- Hydraulic Surge Brakes with Breakaway Activator
- Unique Diesel/Electric Dual Drive System.

AVAILABLE OPTIONS:
- Telescoping Light Mast with Four 500 Watt Fixtures, Snorkel Tube for Compressor Air Inlet integrated with Light Mast and 7500 Watt Auxiliary Generator
- Spare Tire and Wheel Chocks with Fender Well Storage
- 75 Foot Hose Reel and Interior Lights
If you don’t require all the amenities of the full-sized TCOM, look to the TCOM Lite.

The same compressor choices as the TCOM on a single-axle design.

- Unique Diesel Drive System incorporating the exclusive Automatic Belt Tensioning System
- High Gloss Powder Coat Paint for a hard durable finish
- Hydraulic Surge Brakes with Breakaway Actuator
- Hypalon® Type Cover for Control Panel Fill Station
- Two 6000 PSI DOT Air Storage Cylinders
- Two-position Containment Fill Station
- Four Bank Dual Function Cascade Controls with Air Direction Valve
- Formed Structural Steel Frame Designed and Built by BAUER

**AVAILABLE OPTIONS:**
- Spare Tire with Cover
- 75 Foot Hose Reel and Interior Lights
- Two (2) Additional 6000 PSI DOT Cylinders

Pull up the roller shutter door at the back of the TCOM trailers. From this position the operator has complete control of the compressor and cascade cylinders, to quickly and efficiently refill the spent SCBAs.

Utilizing the easy-to-reach fill control panel, cylinders are filled in the two-position containment fill station. The station features a front-loading tilt-out door, easily opened with one hand.
Emergency responders, when they leave the station, are never quite sure what they will encounter, or how long they will be away. Depending on so many circumstances, they could be refilling their SCBAs back at the station tonight, or be kept at the incident scene for days or weeks.

For that reason, many departments today are equipped with an **Air and Light Trailer**. This one unit provides a diesel-powered breathing air compressor, stored air, one or more scene lights, a generator, storage for spare cylinders, and ideally, an inside area providing protection from the elements.
CONTAINMENT FILL STATION
REQUIRED BY NFPA 1901

CO MONITOR
REQUIRED BY NFPA 1989

For hours, or for days, depending on what nature or man throws at you.
THE RESPONDER CLASS

The Standard Responder Comes Loaded with:

- Protected inside work area, with work bench, and an interior, dual lighting system (12/120 volt).
- BAUER 6000psi compressor, either 13 cfm or 25 cfm (you choose).
- CFS5.5-2Sx4x4 BAUER containment-style fill station, to meet NFPA 1901 standards. Fills two SCBAs at once, up to 5500 psi.
- Four 6000psi UN/DOT cylinders, to hold 2040 cubic feet of stored air.
- CO Monitor, to meet NFPA 1989 standards.
- Custom deluxe trailer, 16-foot tandem-axle torsion bar suspension.
- Divider wall vendor windows for easy access, maximum ventilation.
- 6 KW generator with diamond plate cover, tongue-mounted with power cord to run from the generator to the trailer.
- Built-in cabinets for storage, can carry 14 spare SCBA cylinders (SCBAs are not included). Also a deluxe first aid kit.
- Two 12 volt rewind hose reels, one low pressure and one high pressure, each with 100 feet of fill hose. These come with a custom control panel.
- Two trailer-mounted 120 volt, 750 watt extendable lights and extension cords

Quiet - Only 83 dBA for personnel working inside!
It won’t matter what the season when you are called. In winter’s cold, in rain or sleet, the dark of night or the heat of day, the Responder provides a warm, dry, well-lit, organized work area.

The SCBA rack has spaces for 14 spare bottles. Cabinets can hold SCBA masks & parts, emergency provisions, first aid, HazMat, communication equipment, ropes and lines, and more. The CO Monitor (left) fulfills NFPA 1989 regulations.

Some of the available options are:
- Heater
- Air conditioning
- Outside awning, manual or power
- Toilets
- Built-in scene lights
- Extra hose reels
- Rear ramp door, instead of barn-doors
- Rubber coin floor, instead of diamond plate
- Pintle hitch, instead of ball
- Power tongue jack .... and all standard trailer colors

The Responder trailer has a screwless-design exterior, with no exposed fasteners. It is shown above with optional air conditioner and awning.

We offer a standard Responder (opposite page) with the features that most companies request. But every Responder is custom-built, according to the wishes of the user - YOU.

Fire scene support, HazMat cleanup, homeland security, mutual aid, industrial plants, training, urban emergencies, first aid and oxygen, water rescue - you know what you’re facing every day.
Converts your full-size pickup or van into a mobile air system!

**SYSTEMS INCLUDE:**

- Air control panel, with 4 cascade control valves & gauges. Many options available.
- Dual, heavy duty 8’ fill hoses
- Four cylinder valve protectors (meets NFPA 1901)
- Valved refill port
- Heavy duty steel rack, and heavy-duty straps

**Four Cylinders, Your Choice of Pressure**

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>PRESSURE</th>
<th>CUBIC FEET</th>
<th>WEIGHT</th>
<th>REFILLS 30 MIN 2216psi bottles</th>
<th>REFILLS 30 MIN 4500psi bottles</th>
</tr>
</thead>
<tbody>
<tr>
<td>PK4</td>
<td>4500 psi</td>
<td>1748 cu ft</td>
<td>1100 lbs</td>
<td>40</td>
<td>1</td>
</tr>
<tr>
<td>PK5</td>
<td>5000 psi</td>
<td>1888 cu ft</td>
<td>1200 lbs</td>
<td>44</td>
<td>22</td>
</tr>
<tr>
<td>PK6</td>
<td>6000 psi</td>
<td>2040 cu ft</td>
<td>1250 lbs</td>
<td>48</td>
<td>32</td>
</tr>
</tbody>
</table>

Comes fully assembled and ready to use.
Is your department currently using, or do you plan on acquiring, the new 5500psi SCBA cylinders?

If yes, then it is important to understand that your fill station, might not offer protection with the higher-pressure cylinders!

Most fill stations made prior to 2012 ARE NOT APPROVED FOR USE with these 5500psi cylinders!

Here are some important facts you must consider with your refill systems:

- Using a fill station that is not built for the higher pressures is dangerous. An explosive accident can lead to serious injury, and even death.
- Fill stations are available now that meet NFPA 2016 standards, and can safely be used with 5500psi cylinders.
- It is mandatory that you DO NOT USE your current fill station with the higher-pressure cylinders, if it is not certified for 5500psi.

Breathing Air Systems can retrofit your current BAUER fill Station (CFSII, Unicus III, and MiniUnicus) without replacing your whole unit.

SPECIAL PRICING available for upgrading you current fill station, to a 5500psi unit!
REPLACEMENT SCBA CYLINDERS

SCI is the first manufacturer of composite cylinders to receive approval by the D.O.T. for SCBA cylinders.

Close to three million cylinders in use today, or in former use, without a field failure or recall!

SCI Cylinders

- Meet or exceed all regulatory technical standards
- DOT & TC approved
- Available for all SCBA brands
- Available in 10, 15, 30, 45, and 60-minutes sizes
- Choose 2216psi, 3000psi, and 4500psi, models

Your department can save **30% to 60%** on replacement SCBA cylinders!! Can you afford to pass this by?

Also available in Dura-Lite
Twice the wrapping. Improved exterior abrasion resistance.

You may re-use the valves from your old cylinders, or order your new cylinders complete with valves. See next page.
30-YEAR LIFE SCBA CYLINDERS

No more-15 year service life with your SCBA cylinders. Rugged, constructed for hard service, these cylinders give you TWICE THE LIFE of any other composite SCBA cylinder -- 30 years!

Available in 45 min., 4500psi, models, weight is 11 lbs.

- Cost Effective — 5-year hydrostatic testing
- Cost Effective — twice the life of current cylinders
- Available for all SCBA systems
- Improved abrasion resistance -- unique high-durable exterior coating
- Protective end caps (black) give improved durability
- DOT Approved! SCI is the first manufacturer to receive approval for SCBA cylinders by the DOT

CYLINDER VALVES

SCI Cylinders on these 2 pages are manufactured to fit with your current valves. But if you also choose to replace them, cylinders can be ordered with valves.

Depending on your wishes, valves can be ordered with the 90°, 150°, or 180° configuration.

Let us know the brand and type of SCBA valve.

We can match the style of valve to fit your current SCBA packs.
**SCBA CYLINDER STORAGE RACKS & CARTS**

**LR12-U** Universal Storage Rack Designed for easy storage of 12 SCBA bottles. (left) 33” H x 21” W x 23” D

**LC12-4-U** Add wheels to create the Universal Mobile Storage Rack, for storage AND transportation. (right) 39.5” H x 21” W x 23” D

Stack two LR12-U racks for a sturdy 24-cylinder rack (below, right).

Or opt for the

**LR18-U** Universal Storage Rack, for up to 18 SCBA bottles (below, far right). 60” H x 21” W x 23” D

---

**Mobile Carts** are designed for easy storage and transportation of SCBA bottles.

- **6094-60M** (shown) holds nine 60 minute SCBA, or 2216psi 30 minute. 40” H x 31” W x 27” D
- **6094-45M** holds nine 45 minute SCBA. 40” H x 31” W x 27” D
- **6124-30M** holds twelve 30 minute SCBA bottles, 4500psi. 40” H x 27” W x 28” D

Every Mobile Cart can be equipped with heavy-duty lockable steel doors. These units comply with the D.O.T. CFR 49 requirements. Add -SD to model number to order.

---

**PNEUMATIC CYLINDER FLOOR VISE**

**PN 9G58634**

Adjustable: fits 5 lb to 100 lb cylinders
Vise opens and closes within seconds
Base plate mounted powder coated paint
Includes tool and stamp tray

---

When ordering, please provide diameter of cylinders

Every Storage Rack and Mobile Storage Rack can be equipped with heavy-duty lockable steel doors. These units comply with the D.O.T. CFR 49 requirements. Add -SD to model number to order.
**LPH425**
Low Pressure Breathing Air Hose up to 250psi 3/8" ID

Fittings required:

- **101425-6-4**
  - $12.00

- **101425-F**
  - $2.00

Fitted Per Foot:

- **$3.75**

**BRK1**
Hose hanger hose not included

- **$55.40**

**6000psi stainless steel tubing**

- Used with compression fittings

- SS65 1/4".....$5.50 per ft
- SS65 1/8".....$6.50 per ft
- SS65 1/2".....$12.00 per ft
- SS65 3/8".....$12.00 per ft
- Other sizes available

**Stackable SCBA Holders**
Create your own rack with this system.

- **SCBA6**
  - Single basket holds 6 SCB cylinders
  - $270.00
  - Cylinders not included

- **SCBA12CB**
  - Cart with two baskets. 70lbs
  - $910.00

**HPH7000**
High pressure breathing air hose 7000psi

Fittings required:

- **10655-4-4**
  - 1/4" FJIC
  - $14.00

- **10255-4-4**
  - 1/4" FNPT
  - $14.00

- **10155-4-4**
  - 1/4" MNPT
  - $14.00

- **10655-4-4C**
  - Also available in stainless
  - $60.00

- **10155-4-4C**
  - $60.00

- **10255-4-4C**
  - $60.00

**NOTE:**
These fittings require that we install

**107-15**
15-bottle rack with door

- **$2,995.00**
  - Rack is available open on both ends for pass-through filling operations
  - Can be custom-built

**SCBA12**
Up to 12 cylinders per rack

- Two racks can be stacked on each other

- Removable door for mobile use

- Cylinders not included

- **$599.00**

**Hose Hanger**
Hose not included

- **HHP7000**
  - Low Pressure Breathing Air Hose
  - Up to 250psi 3/8" ID

- **$3.75**

**Fittings**

- **101425-6-4**
  - 1/4" FNPT
  - $12.00

- **101425-F**
  - $2.00

**6000psi stainless steel tubing**

- Used with compression fittings

- SS65 1/4".....$5.50 per ft
- SS65 1/8".....$6.50 per ft
- SS65 1/2".....$12.00 per ft
- SS65 3/8".....$12.00 per ft
- Other sizes available

**Stackable SCBA Holders**
Create your own rack with this system.

- **SCBA6**
  - Single basket holds 6 SCB cylinders
  - $270.00
  - Cylinders not included

- **SCBA12CB**
  - Cart with two baskets. 70lbs
  - $910.00

**NOTE:**
These fittings require that we install

**107-15**
15-bottle rack with door

- **$2,995.00**
  - Rack is available open on both ends for pass-through filling operations
  - Can be custom-built

**SCBA12**
Up to 12 cylinders per rack

- Two racks can be stacked on each other

- Removable door for mobile use

- Cylinders not included

- **$599.00**
PRE-ASSEMBLED FILL HOSES

M4.5SS
4.5 fill hose complete
With gauge, valve, bleeder, 4.5 end, & 6-foot long hose
$250.00

M1725C
2.2 fill hose complete
With gauge, valve, 2.2 end, & 6-foot long hose
$220.00

M1725S
SCUBA fill hose complete
With gauge, valve, scuba yoke, bleeder, & 6-foot long hose
$220.00

M1725DIN
DIN fill hose 300 bar, With gauge, bleeder valve, DIN fitting, & 6-foot long hose
$250.00

REFILL HOSES

6000psi with QDF6 & QDM6 connections:
RFH6-25 25’ long ............................................... $300
RFH6-35 35’ long ............................................... $350
RFH6-50 50’ long ............................................... $425
RFH6-75 75’ long ............................................... $595

5000psi with CGA347 connections:
RFH5-25 25’ long ............................................... $300
RFH5-35 35’ long ............................................... $350
RFH5-50 50’ long ............................................... $425
CLASS #4 FILL STATIONS

If a cylinder were to burst or explode during the refill process, Class #4 fill stations are designed to deflect the debris. But because these stations do not contain the debris of an explosive incident, they DO NOT MEET NFPA 1901 GUIDELINES.

So why then, does Breathing Air Systems sell them?

We are trying to fill the need that you may have. These stations are better than having no shielding at all. Many departments, because of budget, find these useful and helpful. They offer basic protection in case of explosion, where the only other option is open air.

We know they will deflect the initial explosive shrapnel upwards. Used correctly (the operator must not be bending over the pots while the cylinder is filling), he will be insulated from the initial blast. But there is no protection offered then from secondary flying debris.

Your best option is a containment-style fill station, as we show on pages 20 & 47.

<table>
<thead>
<tr>
<th>Description</th>
<th>Dimensions</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PFP2TLT</td>
<td>14”x28”x25”</td>
<td></td>
</tr>
<tr>
<td>PFP1TLT</td>
<td>14”x16”x25”</td>
<td></td>
</tr>
</tbody>
</table>

**AUTO CONDENSATE DRAINS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACDS3</td>
<td>3 stage Automatic Condensate Drain</td>
<td>$1756.00</td>
</tr>
<tr>
<td>ACDS4</td>
<td>4 stage Automatic Condensate Drain</td>
<td>$2170.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEP16KIT</td>
<td></td>
</tr>
<tr>
<td>FRP95-169</td>
<td></td>
</tr>
<tr>
<td>CNS4</td>
<td>$53.90</td>
</tr>
</tbody>
</table>
OXYGEN SUPPLIES

Whether you buy your oxygen, or produce it in house, look in these eight pages for the proper fittings, fill stations, boosters, racks and storage cylinders especially for O\textsubscript{2} use.

OXYGEN FILL STATIONS

In case of a cylinder failure while refilling, these stations are built to contain all the debris.

OXY-2S
Dual-position fill station
- Front-loading, tilt-out door
- Safety interlock
- Fill control panel
- 1/2” steel safety barrier

All components, hoses, and adapters are oxygen clean.

Single position fill station

OXY-1S
15.5”W x 21.5”D x 52.5H

STATIONS WITHOUT CONTROL PANELS

Stations fit D and E cylinders up to 31” maximum height
These stations are used when you have existing controls at another location

OXY-2M
29.5”W x 21.5”D x 52.5H
Includes stand.

OXY-1M
18.5”W x 21.5”D x 46.5H
MEDICAL OXYGEN GENERATING SYSTEM

In today’s uncertain world, hospitals, rescue squads and fire departments can never be sure when a disaster might break the oxygen supply chain.

The MOGS has been designed to produce oxygen on site and to fill high pressure oxygen cylinders.

- All-in-one, self-contained turn key system.
- Programmable Logic Controller, that will monitor and shut the system down if Oxygen purity level drops below 93%
- Touchscreen operator interface panel
- Two position, containment-style filling station w/ fill control panel
- Two H-size oxygen storage cylinders, with valves, & deluxe manifold system complete
- E-Stop button

Look at the MOGS Mobile System, complete with 6 H-size storage cylinders in a 8.5 x 18 ft. tandem axle trailer.

All items on pages 51-57 have been oxygen-cleaned, and are pressure-rated to 3000psi.

It is absolutely necessary, when dealing with oxygen, to use components that have been specifically manufactured and cleaned for oxygen use. Likewise, since these fittings are rated for 3000psi, they must not be used with high-pressure, 5000psi systems.

Oxygen Cylinder Fills Per Day

<table>
<thead>
<tr>
<th>Cylinder Size</th>
<th>MOGS-50</th>
<th>MOGS-100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fill up to</td>
<td>D</td>
<td>80</td>
</tr>
<tr>
<td>Fill up to</td>
<td>E</td>
<td>50</td>
</tr>
<tr>
<td>Fill up to</td>
<td>M</td>
<td>9</td>
</tr>
<tr>
<td>Fill up to</td>
<td>H/K</td>
<td>5</td>
</tr>
</tbody>
</table>

Less than 1 kilowatt-hour (KWH) of energy is required to fill one M-sized oxygen cylinder.
In today’s uncertain world, a safe and certain oxygen supply is essential for rescue personnel - fire departments, disaster relief, hospitals and clinics, nursing homes.

The popular MOS is a self-contained mobile oxygen supply and generation system, and proven effective and valuable in providing oxygen where it’s needed.

The MOS2400 produces 2400 cubic feet of USP93 oxygen per day; and the MOS1200 will provide 1200 cubic feet per day.

You arrive at the scene with the storage cylinders full, carrying 1800 cubic feet of USP93 for immediate use.

Then the oxygen generator goes to work, refilling your storage cylinders, or providing direct fills when needed.

The MOS2400 will fill 160 D size cylinders each day, the MOS1200 will fill 80 D size cylinders per day.

The standard MOS is housed in a custom 8.5x18ft tandem-axle trailer.

The unit comes loaded with:

- The mobile oxygen system, which produces USP93 oxygen at the scene.
- Protected work area, providing shelter, lighting, heating & air conditioning. Cabinets for storage, work bench. Inside and outside receptacles.
- Touchscreen operator interface panel. (above)
- Two position containment-style fill station. NFPA compliant.
- Six H size oxygen storage cylinders, with valves.
- 12kw Onan generator. Unit can also be powered via a 25-foot shoreline (provided).
- Ambient oxygen safety monitor, with automatic shut down and alarm.
- Remote oxygen outlet with 25-foot fill hose.
- Rack to hold 25 D or E cylinders. (Cylinders not provided.)
OXYGEN BOOSTER PUMPS

Are you using all of your oxygen? Now you can boost your oxygen supply from as low as 100psi, to as high as 3500psi!

BST3

This unit can be powered from any shop compressor capable of pumping 100psi.

Non-contaminating, forced air cooling.

Also available packaged with 5 HP Champion compressor and drive air filter

BST4-OXY

INCLUDED:

- Push button start & stop
- Safety relief valve
- Inlet & Outlet pressure gauges
- Inlet & Outlet 5 micron filters
- Hour meter
- Factory PRE-SET auto stop

2 HP, 230 volt....single or 3-phase low noise! 60dBA

CHARGING RATES: When cascade pressure drops to the left column, the booster will pump the rate at right

<table>
<thead>
<tr>
<th>PSI</th>
<th>SCFM</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>12.8</td>
</tr>
<tr>
<td>1000</td>
<td>6.4</td>
</tr>
<tr>
<td>500</td>
<td>3.2</td>
</tr>
</tbody>
</table>
OXYGEN CASCADE SYSTEM

The TS9-4-1, (shown above) comes with four supply-cylinder connections, regulator, one fill connector, vacuum port, and mounting brackets.

**Table below shows other configurations.**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Supply Cylinders</th>
<th>Fill Hoses</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>TS9-2-1</td>
<td>2</td>
<td>1</td>
<td>$1346.00</td>
</tr>
<tr>
<td>TS9-3-1</td>
<td>3</td>
<td>1</td>
<td>$1486.00</td>
</tr>
<tr>
<td>TS9-4-1</td>
<td>4</td>
<td>1</td>
<td>$1628.50</td>
</tr>
<tr>
<td>TS9-4-2</td>
<td>4</td>
<td>2</td>
<td>$2027.00</td>
</tr>
<tr>
<td>TS9-5-1</td>
<td>5</td>
<td>1</td>
<td>$1715.00</td>
</tr>
<tr>
<td>TS9-5-2</td>
<td>5</td>
<td>2</td>
<td>$2180.00</td>
</tr>
<tr>
<td>TS9-6-1</td>
<td>6</td>
<td>1</td>
<td>$1914.00</td>
</tr>
<tr>
<td>TS9-6-2</td>
<td>6</td>
<td>2</td>
<td>$2314.00</td>
</tr>
</tbody>
</table>

**O2CS-4R**

Comes complete with
- Four (4) M2754 oxygen cylinders with valves
- TS9-4-1 oxygen manifold with regulator
- PX2001 transfiller
- Unistrut-CR rail, straps & hardware for 4 cylinders

System can be fabricated with more or with fewer cylinders

**Oxygen Manifold**

Fills both threaded and yoke connections

**Cox Oxygen Reel.**

100’ spring rewind

---

**Medical Oxygen Yoke Connection**

**M87-1**

for CGA540
$37.95

**M87-4**

for 1/4” MNPT inlet
$39.95

**2544-2**

bonded rubber gasket for M87-1 or M87-4
$2.00

---

**O2CC1X4X4**

Oxygen Panel

Control four oxygen banks with this panel, each with its own valve and gauge. Four CGA540 inlets, and a single CGA540 outlet.
<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>M54-10P</td>
<td>Oxygen handwheel</td>
<td>$49.80</td>
</tr>
<tr>
<td>CGA540</td>
<td>Oxygen fittings</td>
<td></td>
</tr>
<tr>
<td>540-2</td>
<td>Nut</td>
<td>$25.00</td>
</tr>
<tr>
<td>540-3</td>
<td>Nipple</td>
<td>$15.00</td>
</tr>
<tr>
<td>M54-11</td>
<td>Soft tip nipple</td>
<td>$28.10</td>
</tr>
<tr>
<td>M54-12</td>
<td>Replacement tip</td>
<td>$4.40</td>
</tr>
<tr>
<td>M54-18</td>
<td>Oxygen pigtail rigid</td>
<td>$60.00</td>
</tr>
<tr>
<td>G25-4000W</td>
<td>Gauge 1/4 MNPT lower connection 4000 psi</td>
<td>$35.00</td>
</tr>
<tr>
<td>PH02</td>
<td>1/4&quot; pipe nipple</td>
<td>$5.00</td>
</tr>
<tr>
<td>MHNO2</td>
<td>1/4&quot; pipe nipple</td>
<td>$32.00</td>
</tr>
<tr>
<td>415-1</td>
<td>CGA 540 x 1/4&quot; FNPT</td>
<td></td>
</tr>
<tr>
<td>B50</td>
<td>CGA540 x 1/4&quot; MNPT</td>
<td>$30.00</td>
</tr>
<tr>
<td>FEO2</td>
<td>Coupling 1/4&quot; FNPT</td>
<td>$6.20</td>
</tr>
<tr>
<td>FHC02</td>
<td>Oxygen dust cap</td>
<td></td>
</tr>
<tr>
<td>M54-22</td>
<td>Oxygen dust cap</td>
<td></td>
</tr>
<tr>
<td>9541</td>
<td>Oxygen dust plug</td>
<td>$13.00</td>
</tr>
<tr>
<td>55</td>
<td>Krytox</td>
<td>$78.00</td>
</tr>
<tr>
<td>CS-PK2</td>
<td>Vacuum Pump With hose assembly.</td>
<td>$1463.95</td>
</tr>
</tbody>
</table>

**Additional Information:**
- M54-10P, M54-18, G25-4000W, PH02, MHNO2, 415-1, B50, FEO2, FHC02, M54-22, 9541, 55, CS-PK2 are all available for purchase.
- M54-11, M54-12, CGA540, 540-2, 540-3, CGA540 x 1/4" FNPT, CGA540 x 1/4" MNPT are listed with prices.
- The oxygen dust cap (M54-22) and oxygen dust plug (9541) are also available.
- The Krytox (55) is a 2 oz. tube and the Vacuum Pump (CS-PK2) is available for purchase.

*Prices and availability may vary.*
### Portable Transfiller

**Portable Transfiller PX2000**

<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
<th>Length</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>fills CGA-870 (yoke)</td>
<td>PA</td>
<td>24”</td>
<td>$62.00</td>
</tr>
<tr>
<td>fills CGA-540 (handwheel)</td>
<td>PA</td>
<td>48”</td>
<td>$105.00</td>
</tr>
<tr>
<td>and CGA-870 (M87-1 yoke)</td>
<td>PA</td>
<td>72”</td>
<td>$123.95</td>
</tr>
<tr>
<td></td>
<td>PA</td>
<td>96”</td>
<td>$142.55</td>
</tr>
<tr>
<td></td>
<td>PA</td>
<td>120”</td>
<td>$175.00</td>
</tr>
<tr>
<td></td>
<td>PA</td>
<td>240”</td>
<td>$382.00</td>
</tr>
<tr>
<td></td>
<td>PA</td>
<td>360”</td>
<td>$550.00</td>
</tr>
<tr>
<td></td>
<td>PA</td>
<td>480”</td>
<td>$668.00</td>
</tr>
</tbody>
</table>

### Flexible Oxygen Pigtail

**Flexible Oxygen Pigtail**

- Stainless steel with brass ends
- Stainless steel with 1/4” Female Pipethread

<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
<th>Length</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PF63</td>
<td>24”</td>
<td>$87.50</td>
<td></td>
</tr>
<tr>
<td>PF63-48</td>
<td>48”</td>
<td>$105.00</td>
<td></td>
</tr>
<tr>
<td>PF63-72</td>
<td>72”</td>
<td>$123.95</td>
<td></td>
</tr>
<tr>
<td>PF63-96</td>
<td>96”</td>
<td>$149.95</td>
<td></td>
</tr>
<tr>
<td>PF63-120</td>
<td>120”</td>
<td>$189.95</td>
<td></td>
</tr>
<tr>
<td>PF63-240</td>
<td>240”</td>
<td>$348.00</td>
<td></td>
</tr>
<tr>
<td>PF63-360</td>
<td>360”</td>
<td>$380.00</td>
<td></td>
</tr>
<tr>
<td>PF63-480</td>
<td>480”</td>
<td>$440.00</td>
<td></td>
</tr>
<tr>
<td>PF4</td>
<td>24”</td>
<td>$62.00</td>
<td></td>
</tr>
<tr>
<td>PF4-48</td>
<td>48”</td>
<td>$105.00</td>
<td></td>
</tr>
<tr>
<td>PF4-72</td>
<td>72”</td>
<td>$123.35</td>
<td></td>
</tr>
<tr>
<td>PF4-96</td>
<td>96”</td>
<td>$142.55</td>
<td></td>
</tr>
<tr>
<td>PF4-120</td>
<td>120”</td>
<td>$175.00</td>
<td></td>
</tr>
<tr>
<td>PF4-240</td>
<td>240”</td>
<td>$382.00</td>
<td></td>
</tr>
<tr>
<td>PF4-360</td>
<td>360”</td>
<td>$550.00</td>
<td></td>
</tr>
<tr>
<td>PF4-480</td>
<td>480”</td>
<td>$668.00</td>
<td></td>
</tr>
</tbody>
</table>

3000psi maximum. Custom lengths available.

### Oxygen Manifold Tee

**Oxygen Manifold Tee M54-16**

Combines PF63 (below) and M54-16 to make a cascade system.

- **Price**: $40.00

### Tank Racks

**Tank Racks RACK25**

Each unit will hold 25 D or E cylinders.

- **Price**: $589.00 each

Mounting holes line up to stack 2 tall.

Each unit is 29” high, 24 1/2” wide, and 30” deep. 48 lbs.

### Oxygen Fill Station

**Oxygen Fill Station PFP1-02**

- Wall Mount
- Sized to fit D or E cylinders
- Does not fit jumbo D

Valve included. Oxygen cleaned.

- **Price**: $450.00

See our Class 2 Oxygen Fill Stations page for added protection.

### Oxygen CYLINDERS

**M2754**

- 300 cubic feet
- 2400 psi
- 145 lbs 9 1/4” OD
- 62” tall with valve

- **Price**: $398.00
Breathing Air Systems carries replacement filters, original brands or a substitute, for just about any purification system out there!

If you do not see yours listed, please call. We will probably have the cartridge you need.

Here is a partial list of the brands we service:

- BAUER
- Aero-Dri®
- Air Dry®
- American Airworks
- Coltri
- Deltech
- Eagle Air Systems
- Ingersoll-Rand
- Robbins Aviation
- J-Mar, Jordair
- Hamworthy
- Lawrence Factor
- MAKO
- MaxAir
- Nuvair
- Poseidon
- Bristol
- Rix

### REPLACEMENT O-RINGS FOR PURIFIERS

<table>
<thead>
<tr>
<th>BAUER, Mako, and Eagle Purifiers &amp; Separators. Old BAUER separators</th>
<th>M301</th>
<th>M305</th>
<th>O-ring</th>
<th>B/U ring</th>
</tr>
</thead>
<tbody>
<tr>
<td>M301</td>
<td>OR332</td>
<td>0-ring</td>
<td>$4.50</td>
<td></td>
</tr>
<tr>
<td>M305</td>
<td>BU332</td>
<td>B/U ring</td>
<td>$4.50</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BAS-style separator housing</th>
<th>OR223</th>
<th>BU223</th>
<th>O-ring</th>
<th>B/U ring</th>
</tr>
</thead>
<tbody>
<tr>
<td>OR223</td>
<td>0-ring</td>
<td>$3.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BU223</td>
<td>B/U ring</td>
<td>$3.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| BAS Separator (B300) | N4586 | 0-ring | $24.10 |

| Current BAUER Separators, P0 & P31 purifiers | N4586 | 0-ring | $24.10 |

NOTE: Most of these cartridges are sold for after-market use. Listing of manufacturer brand names is not intended to imply that these cartridges are original brand (OEM) products. Except for the BAUER cartridges, none of these filters are manufactured by or associated with the original brand manufacturer.
High Pressure Breathing Air Purification For Bauer Systems

BAUER Air Purification Systems purify high pressure air to a quality that meets or exceeds the requirements of CGA Pamphlet G-7, Compressed Air for Human Respiration, ANSI/CGA G-7.1, Commodity Specification for Air, Grade E, and all other recognized standards for breathing air. Our Purification Systems can be retrofitted to most high pressure compressors.

Worldwide Leader:
- Compressors
- Purification and filtration

Anodized Aluminum Filter Housing:
- Filter cartridge end caps are machine crimped
- Eliminating glues/friction welding
- Remote fill outlets

Anodized Aluminum Filter Chambers:
Each chamber and plug assembly are serialized to assure system traceability

Bauer Purification Features

OEM Purifier Cartridges
Securus
B-Timer
Wall Mount Purification System
<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>N25886</td>
<td>BAUER intake filter 2 5/8” ID x 3 15/16” OD 3 1/16” long</td>
<td>$46.80</td>
</tr>
<tr>
<td>N3029</td>
<td>Intake filter for most larger BAUER compressors 4 7/8” ID x 6 1/4” OD, 3” high</td>
<td>$29.00</td>
</tr>
<tr>
<td>N70</td>
<td>Intake filter for smaller compressors BAUER, MAKO, Poseidon</td>
<td>$15.00</td>
</tr>
<tr>
<td>N25950</td>
<td>BAUER intake filter 1 3/8” ID x 2 3/8” OD 2 11/16” long</td>
<td>$30.30</td>
</tr>
<tr>
<td>X0225</td>
<td>Intake filter 4 3/4H x 4 7/8 OD x 2 1/2 ID</td>
<td>$48.00</td>
</tr>
<tr>
<td>N4823</td>
<td>Intake filter for Oceanaus, Junior, and Utilus 10 compressor</td>
<td>$17.80</td>
</tr>
<tr>
<td>N15839</td>
<td>BAUER oil filter for larger compressors</td>
<td>$32.50</td>
</tr>
<tr>
<td>N25326</td>
<td>BAUER oil filter</td>
<td>$27.70</td>
</tr>
<tr>
<td>M212</td>
<td>Coalesce sintered insert for M394 &amp; 50M394</td>
<td>$48.00</td>
</tr>
<tr>
<td>N2726</td>
<td>Interstage sintered filter Fits most BAUER compressors</td>
<td>$30.00</td>
</tr>
<tr>
<td>N402A</td>
<td>MAKO oil filter</td>
<td>$32.50</td>
</tr>
<tr>
<td>77774</td>
<td>Gasket for BAUER N25326 oil filter (above)</td>
<td>$7.00</td>
</tr>
<tr>
<td>N4058</td>
<td>O ring for BAUER N25326 oil filter</td>
<td>$17.00</td>
</tr>
<tr>
<td>N25327</td>
<td>O ring for BAUER N25326 oil filter</td>
<td>$22.00</td>
</tr>
<tr>
<td>N25326KIT</td>
<td>BAUER sintered filter repair kit</td>
<td>$99.95</td>
</tr>
<tr>
<td>N25326</td>
<td>BAUER sintered filter</td>
<td>$236.00</td>
</tr>
<tr>
<td>M213</td>
<td>Coalesce sintered for final separators, fits BAS, LF, and others</td>
<td>$45.00</td>
</tr>
<tr>
<td>N25326KIT</td>
<td></td>
<td>$68.00</td>
</tr>
</tbody>
</table>
Plug any one of these systems into your present compressor, to bring air quality up to NFPA 1989 standards. Rated to 5000 psi. 6000 optional.

Purification Systems include:
- Extremely efficient drying chamber, safety relief valve
- Automatic back pressure maintaining valve
- Color change monitor for moisture and carbon monoxide
- Hose (up to 8 feet) to connect to compressor
- High-visibility gauge, drain valve
- Wall mount standard

**Purification Systems**

**Plug any one of these systems into your present compressor, to bring air quality up to NFPA 1989 standards. Rated to 5000 psi. 6000 optional.**

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- Extremely efficient drying chamber, safety relief valve
- Automatic back pressure maintaining valve
- Color change monitor for moisture and carbon monoxide
- Hose (up to 8 feet) to connect to compressor
- High-visibility gauge, drain valve
- Wall mount standard

**Model MAKO BAUER**

<table>
<thead>
<tr>
<th>Model</th>
<th>Makol</th>
<th>Bauerm</th>
</tr>
</thead>
<tbody>
<tr>
<td>MK1P1</td>
<td>13,000 cu ft</td>
<td>15,000 cu ft</td>
</tr>
<tr>
<td>MK2P2</td>
<td>31,500 cu ft</td>
<td>40,000 cu ft</td>
</tr>
<tr>
<td>MK4P4</td>
<td>56,500 cu ft</td>
<td>60,000 cu ft</td>
</tr>
<tr>
<td>MK5P5</td>
<td>75,500 cu ft</td>
<td>90,000 cu ft</td>
</tr>
</tbody>
</table>

---

**HF Purification System**

**Ideal for OCA (oxygen-Compatible Air)**

**Safe for Nitrox Systems**
- May be used with oil lubricated compressor
- Hyper-Pure Breathing Air
- Specialty Lab Uses
- Research Grades
- Technical Gases
- Used to mix Nitrox

**BAUER**

<table>
<thead>
<tr>
<th>Cartridge Chambers B300 Separator Chamber</th>
<th>up to 6000psi</th>
</tr>
</thead>
<tbody>
<tr>
<td>B100 Chamber: 5000psi chamber for short cartridges.</td>
<td></td>
</tr>
<tr>
<td>B200 Chamber: 5000psi chamber for long cartridges. Available in 6000psi</td>
<td></td>
</tr>
</tbody>
</table>

**Adapter, B300 Chamber**

<table>
<thead>
<tr>
<th>Adapter, B300 Chamber</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F50GS</td>
<td>$10.00</td>
</tr>
<tr>
<td>F50GSS</td>
<td>$19.00</td>
</tr>
</tbody>
</table>

**4F-FT4-100-S**

- inline 100 micron filter
- FNPT x FNPT
- **$178.00**

**4F-FT4-100-SKIT**

- inline 100 micron filter repair kit for above
- **$40.98**
<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MD1230</td>
<td>Compressor oil, high flash point, petroleum based</td>
<td>$30.95</td>
</tr>
<tr>
<td>OIL24</td>
<td>Synthetic compressor oil</td>
<td>$82.50</td>
</tr>
<tr>
<td>53</td>
<td>Non-toxic silicone lube</td>
<td>$23.50</td>
</tr>
<tr>
<td>54</td>
<td>Anti-seize, food-grade</td>
<td>$29.30</td>
</tr>
<tr>
<td>SS PTFE TAPE</td>
<td></td>
<td>$8.00</td>
</tr>
<tr>
<td>WRH5</td>
<td>Valve Changing Wrench, fits Securus chambers</td>
<td>$47.95</td>
</tr>
<tr>
<td>Valve Wrench</td>
<td></td>
<td></td>
</tr>
<tr>
<td>82048</td>
<td>for BAUER compressor valves</td>
<td>$29.00</td>
</tr>
<tr>
<td>4555</td>
<td>for older compressor valves</td>
<td>$41.75</td>
</tr>
<tr>
<td>SIGN-INTAKE</td>
<td>Air intake sign to comply with NFPA 1989</td>
<td>$15.95</td>
</tr>
<tr>
<td>FET21</td>
<td>Vibration pads</td>
<td>$84.90</td>
</tr>
<tr>
<td>592-5</td>
<td>Humidity element</td>
<td>$14.60</td>
</tr>
<tr>
<td>592-6</td>
<td>CO &amp; humidity element</td>
<td>$15.00</td>
</tr>
<tr>
<td>592-5</td>
<td>Humidity element</td>
<td>$10.00</td>
</tr>
<tr>
<td>585</td>
<td>In-line CO &amp; moisture kit</td>
<td>$160.00</td>
</tr>
<tr>
<td>SPC-0118</td>
<td>SCBA cylinder spacer</td>
<td>$44.90</td>
</tr>
<tr>
<td>53</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**High Pressure Regulators**

_The best high pressure regulator on the market today_

- Vents excess pressure
- High Flow Model available

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Inlet</th>
<th>Outlet</th>
</tr>
</thead>
<tbody>
<tr>
<td>415-400</td>
<td>6000psi in</td>
<td>0-400psi out</td>
<td></td>
</tr>
<tr>
<td>415......</td>
<td>6000psi in</td>
<td>50-6000psi out</td>
<td></td>
</tr>
</tbody>
</table>

$354.00

**Low Pressure Regulators**

**721G Regulator**

Used for Supplied Air Respirators, or shop air from your storage system

- 6000psi in...
- up to 350psi out
- $354.00

**1575 Regulators**

**7000psi**

7000 psi in 50-6000 psi out

Use mount ring 1599 ($30.00) to panel mount.

- $425.00

**415-SP Push-to-Engage Regulator**

Prevents pressure being changed by accidental bumping

- $415.00

Note this is not a direct replacement for a 415 regulator in panel mount applications

**721P Regulator**

Low pressure regulator panel mounted

6000psi in, up to 30 psi out

- $354.00

**969 in-line regulator**

Up to 6000psi in, 250psi out

- 1/4 MNPT inlet
- 1/4 FNPT outlet
- $170.00

**7011 Gauges for use with 415 regulators**

- 7011-10000...$59.00
- 7011-400......$35.00
- 7011-200......$44.00

see gauge page
<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>415KNOB</strong></td>
<td>Replacement knob for 415 HP regulator</td>
<td>$24.00</td>
</tr>
<tr>
<td><strong>415KNOB-SP</strong></td>
<td>Spring-loaded knob must be pushed in to engage. Required for mobile use.</td>
<td>$59.00</td>
</tr>
</tbody>
</table>
| **Adjustable Inline Regulator** | Choose your own outlet pressure!  
1247-1000...200-1000psi  
1247-300...100-300psi  
1247-120...40-120psi  
maximum inlet pressure 6000psi | **$126.00** |
| **441100EXC**    | Rebuilt TESCOM regulator exchange regulator needed also available for 415 regulator, with exchange | **$450.00** |
| **MINI REG**     | Low-pressure regulator                                                         | **$33.30** |
| **415LOCK**      | 1/4 FNPT inlet 1/2 FNPT outlet                                                | **$92.00** |
| **657**          | Mounting ring for 415 regulator                                               | **$26.00** |
| **415KIT**       | Rebuild kit for 415 regulator                                                 | **$120.00** |
| **721KIT**       | Rebuild kit for 721 series regulator                                          | **$39.00** |
| **441100KIT2**   | Major rebuild kit for TESCOM 441100 regulator                                | **$339.00** |
| **441100KIT1**   | Minor rebuild kit for TESCOM 441100 regulator                                | **$170.00** |
**Line Gauges**  
2 1/2” FACE 1/4” NPT

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>7011</td>
<td>7500psi</td>
<td>$35.00</td>
</tr>
<tr>
<td>7011-200</td>
<td>200psi</td>
<td>$44.00</td>
</tr>
<tr>
<td>7011-400</td>
<td>400psi</td>
<td>$35.00</td>
</tr>
<tr>
<td>7011-10000</td>
<td>10,000psi</td>
<td>$59.00</td>
</tr>
</tbody>
</table>

**RVB**  
2 1/2” rubber fits 7011 series gauges  
$7.35

---

**LFP63 Gauge**  
1/4” MNPT

Used on most control panels  
replaces LPF224 series  
2 5/8” hole size

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>LFP63-10000</td>
<td>10,000psi</td>
<td>$99.00</td>
</tr>
<tr>
<td>LFP63-7500</td>
<td>7500psi</td>
<td>$95.00</td>
</tr>
</tbody>
</table>

---

**BAUER logo gauges**  
with panel mount

2 1/2” hole size  
GAG6W.....200psi  
GAG7W.....600psi  
GAG8W.....1500psi  
GAG9W...7500psi  
$86.20  
$89.40

---

**2 1/2 inch gauge**  
Used on compressor panel mount  
1/4 MNPT  
$135.00

<table>
<thead>
<tr>
<th>Range</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>213.40-200.....0-200</td>
<td></td>
</tr>
<tr>
<td>213.40-600.....0-600</td>
<td></td>
</tr>
<tr>
<td>213.40-1500...0-1500</td>
<td></td>
</tr>
<tr>
<td>213.40-7500...0-7500</td>
<td></td>
</tr>
</tbody>
</table>

---

**DPG111PMSPCL Digital Gauge**  
gauges deliver 1/4% accuracy  
$389.00

---

**15W1001TH**  
BAS CO monitor gauge  
1 5/8” hole size  
1/8” MNPT  
0-15psi  
$32.00
SAFETY & TOGGLES VALVES

816
Toggle valve
$250.00
used for fill station door 6000psi

504H
Adjustable safety valve
1/4” MNPT
6000psi max
$119.00

816-3
Toggle valve
$250.00
Air operated 6000psi

504KIT
Rebuild kit for 504
$50.00

816KIT
Rebuild kit for 816
$99.00

ASME code safety valve

KUNK65
6500psi
$489.00

KUNK55
5500psi
$489.00

SAF350
Safety valve
350PSI
1/4” MNPT
$30.00

ASME code safety
1/4” male NPT

SAF200
200psi
$22.50

SAF150
150psi
$22.50

SAFETY & TOGGLES VALVES

used for fill station door 6000psi

Air operated 6000psi

Rebuild kit for 816

Rebuild kit for 504

6500psi

5500psi

350PSI

1/4” MNPT

1/4” MNPT
### ADAPTERS

<table>
<thead>
<tr>
<th><strong>SAS-A</strong></th>
<th>fill adapter CGA346 to scuba</th>
<th>$110.00</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SAS-B</strong></td>
<td>fill adapter CGA347 to CGA346 with safety</td>
<td>$125.00</td>
</tr>
<tr>
<td><strong>SAS-C</strong></td>
<td>fill adapter CGA347 to CGA346 with safety</td>
<td>$150.00</td>
</tr>
<tr>
<td><strong>SAS-D</strong></td>
<td>fill adapter CGA347 to scuba DIN</td>
<td>$110.00</td>
</tr>
<tr>
<td><strong>SAS-E</strong></td>
<td>fill adapter CGA347 to scuba with safety</td>
<td>$225.00</td>
</tr>
<tr>
<td><strong>SAS-F</strong></td>
<td>fill adapter scuba to SCBA 3000psi max.</td>
<td>$115.00</td>
</tr>
<tr>
<td><strong>M95-1</strong></td>
<td>adapter medical air</td>
<td>$57.80</td>
</tr>
<tr>
<td><strong>RIT quick fill adapter</strong></td>
<td>485392</td>
<td>$257.00</td>
</tr>
<tr>
<td><strong>SAS-E</strong></td>
<td>fill adapter CGA347 to scuba with safety</td>
<td>$225.00</td>
</tr>
<tr>
<td><strong>835SS</strong></td>
<td>fill adapter for 2.2 or 4.5</td>
<td>$45.00</td>
</tr>
<tr>
<td><strong>M34-11</strong></td>
<td>CGA346 soft tip nipple</td>
<td>$19.25</td>
</tr>
<tr>
<td><strong>M34-12</strong></td>
<td>screw on style soft tip</td>
<td>$3.50</td>
</tr>
<tr>
<td><strong>6347-3-3</strong></td>
<td>teflon nipple tip</td>
<td>$3.95</td>
</tr>
<tr>
<td><strong>SS6347-3-2</strong></td>
<td>screw, internal hex fits 835SS</td>
<td>$10.00</td>
</tr>
<tr>
<td><strong>SS6347-3-2R</strong></td>
<td>.016 restriction orifice</td>
<td>$10.00</td>
</tr>
<tr>
<td><strong>M34-10</strong></td>
<td>CGA346 handwheel used with M34-11 3000psi max</td>
<td>$33.00</td>
</tr>
<tr>
<td><strong>Zip Nut</strong></td>
<td>CGA347 handwheel &amp; nipple</td>
<td>$299.00</td>
</tr>
<tr>
<td><strong>ZN347</strong></td>
<td>Zip Nut</td>
<td>$80.00</td>
</tr>
<tr>
<td><strong>PGRO</strong></td>
<td>scuba yoke with bleeder 1/4&quot; FNPT</td>
<td>$80.00</td>
</tr>
<tr>
<td><strong>4302-20</strong></td>
<td>seat for PGRO</td>
<td>$10.00</td>
</tr>
</tbody>
</table>

---

For more information, contact us at LEASING AVAILABLE | 1-800-937-2479 | FAX: 1-614-864-0071
## ADAPTERS

<table>
<thead>
<tr>
<th>Adapter</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIN</td>
<td>DIN x 1/4 FNPT</td>
<td>$77.50</td>
</tr>
<tr>
<td>DIN-M</td>
<td>fill adapter DIN x 1/4 MNPT</td>
<td>$48.00</td>
</tr>
<tr>
<td>DIN-F</td>
<td>custom-made hard-coated aluminum DIN 55° thread</td>
<td>$195.00</td>
</tr>
<tr>
<td>B91</td>
<td>scuba block 1/4&quot; FNPT</td>
<td>$35.00</td>
</tr>
</tbody>
</table>

### CGA FITTINGS

The fittings you see on these pages are the most common used in the breathing air industry. There are thousands more. **CALL US** if you can’t find what you’re looking for.

<table>
<thead>
<tr>
<th>CGA Fitting</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS702-2</td>
<td>CGA702 wrench tight nut for air 6000psi</td>
<td>$35.00</td>
</tr>
<tr>
<td>SS702-3</td>
<td>CGA702 hard seat nipple 6000psi</td>
<td>$35.00</td>
</tr>
<tr>
<td>SS347-1</td>
<td>adapter CGA347 x 1/4&quot; FNPT 5500psi maximum</td>
<td>$30.00</td>
</tr>
<tr>
<td>SS347-2</td>
<td>CGA347 5500psi wrench tight nut</td>
<td>$25.00</td>
</tr>
<tr>
<td>SS347-3</td>
<td>CGA347 hard seat nipple 5500psi</td>
<td>$25.00</td>
</tr>
<tr>
<td>SS347-1M</td>
<td>adapter CGA347 x 1/4&quot; MNPT 5500psi maximum</td>
<td>$30.00</td>
</tr>
<tr>
<td>SS60-2</td>
<td>CGA677 wrench tight nut for inert gas 6000psi</td>
<td>$30.00</td>
</tr>
<tr>
<td>SS60-3</td>
<td>CGA677 hard seat nipple 6000psi</td>
<td>$30.00</td>
</tr>
<tr>
<td>SS671</td>
<td>adapter CGA677 x 1/4&quot; MNPT 6000psi maximum</td>
<td>$43.20</td>
</tr>
<tr>
<td>B1340SS</td>
<td>adapter CGA346 x 1/4&quot; FNPT 3000psi maximum</td>
<td>$30.00</td>
</tr>
</tbody>
</table>
**AIR CONTROL DEVICES**

- **10045S**
  - 1/4” MNPT bleeder
  - 6000psi
  - $25.00

- **712SS-F-M**
  - 1/4” FNPT in-line bleeder
  - 6000psi
  - $32.50

- **712SS**
  - 1/4” FNPT replacement knob for 712 series bleeder
  - $15.00
  - 712STIP - $2.00

- **59 BEEDEER KEEPER**
  - NO MORE LOST KNOBS
  - $2.95

  Keeper holds the bleeder knob while it’s open

- **CV507**
  - Push-button bleeder
  - 6000psi
  - $50.00

- **211KIT**
  - rebuild kit for 211 back pressure valve (right)
  - $28.00

- **211 Back Pressure Maintaining Valve**
  - 1/4” FNPT 6000psi
  - $105.00

  used on purification systems and control panels

- **60**
  - low pressure alarm bell adjustable range is 300-900psi
  - $325.00

- **57**
  - low pressure alarm whistle adjustable range 300-900psi
  - $229.00

- **MAN3**
  - Manifold, 3-port
  - 6000psi
  - $85.00

  3 1/4” FNPT ports
  Four mounting holes

- **MAN5**
  - 5-port manifold
  - 6000psi
  - $85.00

  1/4” FNPT ports
  2 on one side, 1 each on other sides. Four mounting holes

- **MAN7**
  - 7-port manifold
  - 6000psi
  - $139.00

  1/4” ports, 4 on one side, 1 each end, 1 on backside. Four mounting holes

---

**LEASING AVAILABLE | 1-800-937-2479 | FAX: 1-614-864-0071**
### AIR CONTROL DEVICES

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>YVASTEM</td>
<td>YVA line valves rebuild kit</td>
<td>$6.95</td>
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<tr>
<td>YVANUT</td>
<td>YVA line valves knob and nut cover</td>
<td>$3.00</td>
</tr>
<tr>
<td>YVASPRING</td>
<td>YVA line valves YVASPRING</td>
<td>$5.15</td>
</tr>
<tr>
<td>YVANUT</td>
<td>YVA line valves YVANUT</td>
<td>$3.00</td>
</tr>
<tr>
<td>YVAKNOB</td>
<td>YVA line valves YVAKNOB</td>
<td>$8.95</td>
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<tr>
<td>YVA3010</td>
<td>1/4” line valve 6000psi male x female NPT</td>
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<tr>
<td>YVA3010A</td>
<td>panel-mounted line valve 6000psi requires 1” hole</td>
<td>$62.00</td>
</tr>
<tr>
<td>YVA3010B</td>
<td>line valve with bleeder 1/4” female NPT</td>
<td>$60.00</td>
</tr>
<tr>
<td>3WAYHP</td>
<td>1/2 turn valve, three outlets 1/4” FNPT 6000psi max</td>
<td>$359.00</td>
</tr>
<tr>
<td>4F</td>
<td>1/4” FNPT x 1/4” FNPT</td>
<td>$163.50</td>
</tr>
<tr>
<td>HR-SWIVEL</td>
<td>hose reel swivel 10,000 psi 1/4 NPT</td>
<td>$126.30</td>
</tr>
<tr>
<td>796SS</td>
<td>flow restrictor 1/4”</td>
<td></td>
</tr>
<tr>
<td>YVAKIT</td>
<td>rebuild kit for YVA line valves (above)</td>
<td>$21.95</td>
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<tr>
<td>Check Valves</td>
<td></td>
<td>$58.00</td>
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<tr>
<td>YVA3010A</td>
<td>panel-mounted line valve 6000psi requires 1” hole</td>
<td>$62.00</td>
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<tr>
<td>YVA3010B</td>
<td>line valve with bleeder 1/4” female NPT</td>
<td>$60.00</td>
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<tr>
<td>3WAYHP</td>
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</tr>
<tr>
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<td>1/4” FNPT x 1/4” FNPT</td>
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<td>$126.30</td>
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<tr>
<td>796SS</td>
<td>flow restrictor 1/4”</td>
<td></td>
</tr>
<tr>
<td>YVAKIT</td>
<td>rebuild kit for YVA line valves (above)</td>
<td>$21.95</td>
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### NPT FITTINGS

<table>
<thead>
<tr>
<th>Fitting</th>
<th>Material</th>
<th>Price</th>
<th>Description</th>
<th>Connection Details</th>
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<tbody>
<tr>
<td>RB8-4SS</td>
<td>stainless</td>
<td>$20</td>
<td>$20</td>
<td>3/8” FNPT x 1/4” MNPT</td>
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<tr>
<td>RB6-4SS</td>
<td>stainless</td>
<td>$20</td>
<td>$20</td>
<td>3/8” MNPT x 1/4” FNPT</td>
</tr>
<tr>
<td>RB4-2SS</td>
<td>stainless</td>
<td>$20</td>
<td>$20</td>
<td>1/4” MNPT x 1/8” FNPT</td>
</tr>
<tr>
<td>RB4-2S</td>
<td>steel</td>
<td>$15</td>
<td>$15</td>
<td>1/4” MNPT x 1/8” FNPT</td>
</tr>
<tr>
<td>RB8-6SS</td>
<td>stainless</td>
<td>$20</td>
<td>$20</td>
<td>1/2” MNPT x 3/8” FNPT</td>
</tr>
<tr>
<td>RB8-6S</td>
<td>steel</td>
<td>$10</td>
<td>$10</td>
<td>1/2” MNPT x 3/8” FNPT</td>
</tr>
<tr>
<td>SESS</td>
<td>stainless</td>
<td>$36</td>
<td>$36</td>
<td>1/4” NPT x 1/4” FNPT</td>
</tr>
<tr>
<td>SES</td>
<td>steel</td>
<td>$10</td>
<td>$10</td>
<td>1/4” NPT x 1/4” FNPT</td>
</tr>
<tr>
<td>FESS</td>
<td>stainless</td>
<td>$25</td>
<td>$25</td>
<td>1/4” x 1/4” elbow</td>
</tr>
<tr>
<td>FES</td>
<td>steel</td>
<td>$10</td>
<td>$10</td>
<td>1/4” x 1/4” elbow</td>
</tr>
<tr>
<td>HP-SWIVEL</td>
<td>stainless</td>
<td>$28</td>
<td>$28</td>
<td>1/4” FNPT x 1/4” MNPT</td>
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<tr>
<td>2045</td>
<td>steel</td>
<td>$5.00</td>
<td>$5.00</td>
<td>1/4” MALE x FEMALE</td>
</tr>
<tr>
<td>MBTS</td>
<td>stainless</td>
<td>$40</td>
<td>$40</td>
<td>1/4” MNPT x 1/4” FNPT</td>
</tr>
<tr>
<td>MBTSS</td>
<td>stainless</td>
<td>$40</td>
<td>$40</td>
<td>1/4” MNPT x 1/4” FNPT</td>
</tr>
<tr>
<td>MTSS</td>
<td>stainless</td>
<td>$60</td>
<td>$60</td>
<td>1/4” MNPT tee</td>
</tr>
<tr>
<td>MBTSS</td>
<td>steel</td>
<td>$45</td>
<td>$45</td>
<td>1/4” MNPT tee</td>
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<tr>
<td>FHC425S</td>
<td>steel</td>
<td>$10</td>
<td>$18</td>
<td>reducer coupling</td>
</tr>
<tr>
<td>FHC425S stainless</td>
<td>$18</td>
<td></td>
<td></td>
<td>1/4” FNPT x 1/8” FNPT</td>
</tr>
<tr>
<td>FHC5S</td>
<td>stainless</td>
<td>$16.75</td>
<td>$16.75</td>
<td>1/4” FNPT x 1/4” FNPT</td>
</tr>
<tr>
<td>FHC5S</td>
<td>steel</td>
<td>$5.00</td>
<td>$5.00</td>
<td>1/4” FNPT x 1/4” FNPT</td>
</tr>
<tr>
<td>FHC42S steel</td>
<td>$10</td>
<td></td>
<td></td>
<td>1/4” FNPT x 1/8” FNPT</td>
</tr>
<tr>
<td>FHC42S stainless</td>
<td>$18</td>
<td></td>
<td></td>
<td>1/4” FNPT x 1/8” FNPT</td>
</tr>
</tbody>
</table>

**All Fittings Rated 6000psi unless otherwise stated**
NPT FITTINGS

PHSS stainless $10
PHS steel $5
1/4” MNPT plug

2PHS steel $5
1/8” MNPT plug

MHNS stainless $10
MHNS steel $5
1/4” male nipple

MHNLSS stainless $10
MHNLSS steel $5
1/4” MNPT nipple long
$20

CD45-SS 45° 1/4” FNPT x 1/4” MNPT
$35

FXS stainless $55
FXS steel $16
1/4” FNPT x 4 CROSS

MHNSS stainless $10
1/4” MNPT

PHSS stainless $10
PHS steel $5
1/4” MNPT

2PHS steel $5
1/8” MNPT

1/4” MNPT plug

4-4VTXS steel $8.00
4-4VTXSS stainless $45
37° JIC x 1/4” MNPT
45° elbow

4V6XS 37° JIC COUPLER
45° elbow
$10.00

4-4F6XS JIC x 1/4” MNPT adapter
$15.00

FXS stainless $55
FXS steel $16
1/4” FNPT x 4 CROSS

PHS stainless $10
PHS steel $5
1/4” male nipple

MHNS stainless $10
MHNS steel $5
1/4” male nipple

MHNLSS stainless $10
MHNLSS steel $5
1/4” MNPT nipple long
$20

CD45-SS 45° 1/4” FNPT x 1/4” MNPT
$35

FXS stainless $55
FXS steel $16
1/4” FNPT x 4 CROSS

MHNSS stainless $10
1/4” MNPT

PHSS stainless $10
PHS steel $5
1/4” MNPT

2PHS steel $5
1/8” MNPT

1/4” MNPT plug

4-4VTXS steel $8.00
4-4VTXSS stainless $45
37° JIC x 1/4” MNPT
45° elbow

4V6XS 37° JIC COUPLER
45° elbow
$10.00

4-4F6XS JIC x 1/4” MNPT adapter
$15.00

FTXS stainless $15
FTXS steel $8
37° JIC x 1/4” MNPT
90°

DTXSS stainless $43
DTXS steel $10
37° JIC x 1/4” FNPT
90° elbow

CTXSS stainless $22.75
CTXS steel $10
37° JIC x 1/4” MNPT elbow

4C6XS 37° JIC coupler
90° elbow
$20.00

DTXSS stainless $43
DTXS steel $10
37° JIC x 1/4” FNPT
90° elbow

CTXSS stainless $22.75
CTXS steel $10
37° JIC x 1/4” MNPT elbow

4C6XS 37° JIC coupler
90° elbow
$20.00

GTXSS stainless $30
GTXS steel $15
37° JIC x 1/4” FNPT

CD45-SS 45° 1/4” FNPT x 1/4” MNPT
$35

WTXS 37° JIC x 37°
JIC bulkhead
$15.00

224OS steel $25
2240SS stainless $30
37° JIC x 1/4” MNPT
bulkhead

XH2BUS steel $25
XH2BUSS stainless $35
37° JIC x TUBE bulkhead

4-4WETXS 37° JIC x JIC bulkhead elbow
$10.00

2240S steel $25
2240SS stainless $30
37° JIC x 1/4” MNPT
bulkhead

XH2BUS steel $25
XH2BUSS stainless $35
37° JIC x TUBE bulkhead

4-4WETXS 37° JIC x JIC bulkhead elbow
$10.00

BREATHINGAIR.COM | SALES@BREATHINGAIR.COM
74
As you look for the proper fitting for your air system, remember you are dealing with high pressure air, most likely 20 times higher than the fittings sold at your local hardware store. Give us a call; we’ll set you up right.
COMPRESSION FITTINGS

**LOW PRESSURE FITTINGS**
Can be used with plastic or copper tubing

**NOTE:** These fittings are rated to 300psi They are *not rated* to 6000psi

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Dimensions</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>H6944</td>
<td>1/4 MNPT x 1/4 TUBE ELL</td>
<td>$7.50</td>
<td></td>
</tr>
<tr>
<td>H6964</td>
<td>3/8 MNPT x 1/4 TUBE ELL</td>
<td>$15.00</td>
<td></td>
</tr>
<tr>
<td>H6922</td>
<td>1/8 MNPT x 1/8 TUBE ELL</td>
<td>$7.50</td>
<td></td>
</tr>
<tr>
<td>H6942</td>
<td>1/8 MNPT x 1/4 TUBE ELL</td>
<td>$7.50</td>
<td></td>
</tr>
<tr>
<td>H6822</td>
<td>1/8 MNPT x 1/8 TUBE straight</td>
<td>$7.50</td>
<td></td>
</tr>
<tr>
<td>H6842</td>
<td>1/8 MNPT x 1/4 TUBE straight</td>
<td>$7.50</td>
<td></td>
</tr>
<tr>
<td>H6864</td>
<td>1/4 MNPT x 3/8 TUBE straight</td>
<td>$7.50</td>
<td></td>
</tr>
<tr>
<td>H6824</td>
<td>1/4 MNPT x 1/8 TUBE straight</td>
<td>$7.50</td>
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<tr>
<td>H6844</td>
<td>1/4 MNPT x 1/4 TUBE straight</td>
<td>$7.50</td>
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</tr>
</tbody>
</table>
### Quick Disconnect Sets

#### QDM7SET
- Quick Disconnect 7,500psi 1/4” FNPT
- Complete set $60.00
- QDM7 male $30.00
- QDF7 female $35.00
- 8050-0110F low pressure quick disconnect 1/4” MNPT $35.00
- 8050-0110M low pressure quick disconnect 1/4” MNPT $8.50

#### QDM5SET
- Quick Disconnect 5000psi 1/4” NPT
- Complete set $40.00
- QDF5 female $22.00
- QDM5 male $20.00
- 8050-0110FF low pressure quick disconnect 1/4” FNPT $7.50
- 8050-0110MF low pressure quick disconnect 1/4” FNPT $8.50

#### QDM2SET Series 3000
- Quick Disconnect 2000psi 1/4” FNPT
- Complete set $29.00
- QDF2 female $22.00
- QDM2 male $7.50
- Dust Plugs for QDF2 $119.00
- QD2PLUG $12.00

#### QDM6SET
- Quick Disconnect 10,000psi
- Complete set $60.00
- QDF6 female $35.00
- QDM6 male $30.00
- QD6CAP dust cap for QDM6 $12.50
- QD6PLUG dust plug for QDF6 $7.50
- QD2CAP dust cap for QDM2 $14.00

#### Pricing
- Male: $20.00
- Female: $35.00
- Dust Caps: $12.50
- Dust Plugs: $14.00
PAINTBALL & AIR GUNS

**PBDIN**
DIN to PAINTBALL fill adapter, 4500psi
$119.00

**PB346**
CGA346 to PAINTBALL fill adapter, 3000psi
$130.00

**PB347**
CGA346 to PAINTBALL fill adapter, 4500psi
$130.00

**PBQD**
PAINTBALL x 1/8” MNPT fill adapter
$30.00

**PB346M**
CGA346 to PAINTBALL
3000 psi $73.00

**PB347M**
CGA347 to PAINTBALL
4500 psi $89.00

**PBYOKE**
SCUBA to PAINTBALL fill adapter, 3000psi
$109.00

**PBB91**
SCUBA to PAINTBALL fill adapter, 3000psi
$89.00

**PIT BOSS II**
Easy Pushbutton Operation. Self-venting design
Fill pressure gauge included. Fills up to 4500psi
For Use with High Pressure Air or Nitrogen
7.5”H x 7.75”W x 5.5”D

**PBFH**
$230.00

**BAUER portable compressors** offer the ease and convenience of recharging your own guns, at home or at the battleground.

Clean, dry high-pressure air assures a longer life for your equipment. Shown here is the rugged, robust *Oceanus* compressor.

*See other models page 10*
### HOUR METERS

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Voltage</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>HM120</td>
<td>120 volt</td>
<td></td>
<td>$85.15</td>
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<tr>
<td>HM240</td>
<td>240 volt</td>
<td></td>
<td>$85.15</td>
</tr>
<tr>
<td>HM120/SM</td>
<td>120 VAC surface mount hour meter</td>
<td></td>
<td>$89.00</td>
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<tr>
<td>V100H</td>
<td>vibration does not use electric</td>
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<td>$375.00</td>
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<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Voltage</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>C11A0215M120</td>
<td>Condensate timer</td>
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<td>$242.00</td>
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<tr>
<td>TMR8</td>
<td>110 volt</td>
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<td>$184.20</td>
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<tr>
<td>C11A0215M120</td>
<td>Condensate timer</td>
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<td>$242.00</td>
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<tr>
<td>C11A0215M120</td>
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<tr>
<td>TMR10</td>
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### CIRCUIT BOARD

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<tbody>
<tr>
<td>CNT14</td>
<td>120VAC</td>
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<tr>
<td>CNT12V</td>
<td>12VDC</td>
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### FUSES

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<tr>
<td>FUS18</td>
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<tr>
<td>FUS92</td>
<td>$21.21</td>
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### TRR65 VOLTAGE TRANSFORMER

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<th>Voltage</th>
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<tbody>
<tr>
<td>SEN36</td>
<td>1/4” NPT</td>
<td>$212.20</td>
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<tr>
<td>SEN50</td>
<td>1/4” BST</td>
<td>$192.50</td>
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### ESTOP

<table>
<thead>
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<th>Model</th>
<th>Description</th>
<th>Voltage</th>
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<tbody>
<tr>
<td>AI-381K</td>
<td>4-28 volts DC</td>
<td></td>
<td>$52.70</td>
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<tr>
<td>AI-382K</td>
<td>30-120VAC or DC</td>
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<td>$52.70</td>
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### 49SAS04

<table>
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<th>Model</th>
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</thead>
<tbody>
<tr>
<td>BAUER replacement</td>
<td>ON/OFF only</td>
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<td>$95.00</td>
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### 49SAS01

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<th>Voltage</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAUER replacement</td>
<td>HAND/OFF/AUTO</td>
<td></td>
<td>$95.00</td>
</tr>
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</table>
ELECTRICAL PARTS

ADJUSTABLE AIR AND OIL SWITCHES

- **PN 9048-6**
  - 700-10000 psi
  - Adjustable range ¼”
  - FNPT inlet ½” FNPT
  - conduit connection
  - **$385.00**

Replacements for current compressors

- **SWT256**...
  - **$198.00**
  - switch 25-125psi
- **SWT257**...
  - **$195.00**
  - switch 3000-7500psi

Replacements for older compressors

- **SWT119**...
  - **$198.00**
  - oil 360-1700psi
- **SWT160**...
  - **$198.00**
  - air 3650-7500psi
- **SWT184**...
  - **$313.90**
  - oil switch 27-125psi

NEON LIGHTS

- **LIT42** green $24.50
- **LIT41** yellow $20.20

BULBS

- **BAUER BULBS POWER ON**
  - specify voltage
  - **7.50**

- **POWER-ON BULBS**
  - specify voltage
  - **$7.50**

- **32169-0**
  - Bulb Socket Straight
  - **$14.95**

- **32173-0**
  - Bulb Socket Twist
  - **$14.95**

LENS

- red amber green
- you pick the color
- light socket caps **$5.00**

5X852E

- relay socket 8-pin
- **$15.00**

5X829F

- time delay relay 8-pin
- **$105.30**

5X827M

- control relay 8-pin
- **$39.00**
From the very beginning, the focus of Breathing Air Systems has been on service. We keep in mind that the end product of a compressor system is breathing air, for consumption and emergency use by America’s finest.

Breathing Air Systems employs more than 30 full-time service technicians, and a fleet of service vans ready to respond to your call. We have service and sales centers in Ohio, Illinois, Michigan, Florida, Pennsylvania & Tennessee.

All of our service professionals are factory-trained with BAUER and other equipment manufacturers; more than half of our staff of technicians has been servicing compressors for more than 20 years.

Parts: Our stock of spare parts and materials is probably the largest in the country. Look through our catalog or on the website to see if you can find what you need; if not, give us a call. You may order in one of four ways.

Please have a credit card or purchase order ready.

- Phone call: 800-937-2479. Ask for parts
- Fax: 24 hours per day, seven days a week, 614-864-0071.
  You can use the form on page 80.
- E-mail: sales@breathingair.com
- Through the web: www.breathingair.com

Service Calls: We know how important your compressor is, and we are as eager as you are to keep it in service, running smoothly and safely. Let us know your situation: do you want the machine checked or just routine maintenance? Or is your compressor is down, and you need it fixed right away? We’ll work to get you up and running!

Semi-Annual Maintenance Program: Increase the life of your compressor, assure the efficiency, and reduce liability. Fix small problems before they become major, costly problems. See why more than 2000 departments rely on us to keep their system operating! We maintain most brands of high pressure breathing air compressors, including Bauer, Mako, Eagle, Hamworthy, Ingersoll, Coltri, and Hypress, and others.

OUR PROGRAM USES A 56-POINT CHECKLIST, WHICH INCLUDES:

- Oil and oil change for the compressor
- Change of filter system (cartridges cost not included)
- Drawing of air samples for scheduled analysis (if on BASD program)
- Disassemble & clean condensate chambers (every 100 hours)
- Visual inspection and adjustment of drive belts, safety valves, and all plumbing.
- Inspection and tightening of all head and cylinder bolts, etc.
- All mileage and routine labor

10% discount on additional on-site labor, where needed. The program price does not cover additional emergency service calls.

The Maintenance Program is based on two calls (billed together). Annual service can also be scheduled. Our basic coverage area encompasses OH, WV, KY, IN, IL, MI, PA, FL, AL, GA, TN, MO, DE, MD, IA, AR, WI, VA, DC, NY, and CT. Other areas by special arrangement.
Breathing Air Systems Hassle-Free program is proven and popular across the country. There are thousands of departments nation wide who rely on us to get their air tested.

**NFPA 1989 has mandated an outside air analysis at least quarterly.**

With associated rules governing routine service, you may actually be required to test six times each year or more.

Four times a year, or however many you contract for, you will receive the test kit, anywhere in the United States. All necessary adapters come with it -- there are no parts you must buy & keep. You collect the air sample into the sterile container, and send it off.

You air sample will be tested at a laboratory certified by the American Association for Laboratory Accreditation, as required by NFPA 1989. You will receive a notice whether your air has passed.

**Our report will break down the levels of the following:**

- √ oxygen
- √ carbon monoxide
- √ carbon dioxide
- √ oil vapors (hydrocarbons)
- √ odors
- √ particulate matter

NOTE: if you’re on a semi-annual maintenance contract with us, our technician will do two of the tests while at your station.

If your air does not pass, you will be contacted by BAS to discuss the problem. Another test will be sent out once the problem is corrected.

Our standard Air Analysis Program is based around the quarterly schedule, as mandated by NFPA1989 guidelines. (This also gives you the best price.) We also offer both a semi-annual and annual programs, if that fits your needs best. Plus we’re always here for an emergency check.

The Air Analysis Program at Breathing Air Systems will test your air to NFPA1989 Standards. What standard is your supplier using?

Contact Breathing Air Systems at 800-937-2479, or e-mail airtesting@breathingair.com
**BREATHING AIR SYSTEMS**  
*Copy and Fax Order Form*  
Fax it, 24 hours a day, 7 days a week  
1 (800) 937-2479 or (614) 864-0071

### Terms & Conditions:
Breathing Air Systems will accept open purchase orders from all government agencies or established customers with a current account. We must have a physical copy of the order.

COD orders are accepted with the understanding that the customer will be billed for the current COD rates charged by the carrier. At the time of this writing, the COD rate charged by UPS is $11.00.

There is a handling charge: for $20 or less, add $2; for $20 to $100, add $5; for $100 or more, add $10.

Breathing Air Systems will make every effort to ship all orders complete and in a timely fashion. Credit card payments will be charged prior to shipping.

There is a $30 fee for any returned checks. Prices subject to change without notice.

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<th>DESCRIPTION</th>
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**Order Sub-Total (Minimum $25)**  
COD Charges

Handling Charge (see terms, left)

Shipping *(We Will Compute)*  
**Total Amount**

**METHOD OF PAYMENT**

- [ ] Check  
- [ ] Credit Card**  
- [ ] VISA  
- [ ] MC  
- [ ] DISC  
- [ ] AMEX  

**add 3% convenience fee for orders over $1500**

Card #  
Expiration ___/___  
CV _______ ZIP _______

Name on Card  
_____________________

Signature  
_____________________  

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**SHIP TO**  
______________________________

ADDRESS ____________________________
CITY ___________________ STATE _______ ZIP _______
PHONE ___________ fax _______________

**BILL TO**  
______________________________

ADDRESS ____________________________
CITY ___________________ STATE _______ ZIP _______
PHONE ___________ fax _______________

**PO number ___________ Authorized Signature ___________**
Breathing Air Systems is proud to offer innovative, flexible financing programs to our customers worldwide. These programs allow your department to maximize cash flow, preserve capital budgets, and even gain tax advantages.

But most important, you can obtain modern safety equipment and resources NOW, allowing your department to provide for the safety, support, and well being of personnel.

Leasing is available for any purchases above $1000. Choose to finance your breathing air compressor or mobile system, modernize your fill station, add an oxygen supply system, or upgrade your cascades.

Find out how easy it is to arrange a lease purchase. Go to our website: www.breathingair.com. Click on the FINANCING button.

You will find there a quick quote calculator which displays possible financial scenarios, and answers to frequently asked questions.

Or you can call Breathing Air Systems for advice with your custom quote.

Let us help you!
BREATHING AIR SYSTEMS
8855 E. Broad Street Reynoldsburg, Ohio 43068
1 (800) 937-2479 | (614) 864-1235

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