BREATHING AIR CATALOG
High-Pressure Systems for Military & Government Applications

WORLDWIDE
QUALITY
INNOVATION
RELIABILITY

GSA
npp
gov
MISSION STATEMENT

Our mission at BAUER COMPRESSORS INC. is to provide the highest quality products and solutions for high-pressure air and gas. We are committed to using the latest technology, best materials, most qualified human resources, and the most efficient fabrication techniques. As a result, our equipment solutions offer superior performance along with best value, and are delivered on time, defect-free and are supported to achieve their maximum potential throughout their entire lifecycle.
DISTRIBUTOR NETWORK

Supporting you after the sale is a global network of compressor specialists that is unmatched in the industry. Each of our trusted Distributor partners is staffed with BAUER Factory-Trained Technicians and is stocked with a full inventory of products and parts — insuring you receive unsurpassed 24/7 Customer Support, no matter where you are in the world.

Additionally, BAUER has U.S. Sales & Service operations that include branch offices in California and New York.

OUR EXPERIENCE. YOUR BENEFIT.

Our 75 years of experience continues to be a benefit to our worldwide customers by providing them with a diverse selection of field-proven high-pressure breathing air solutions. We are world renowned for reliability and durability, and BAUER as a company is recognized as the world’s foremost innovative designer and manufacturer of high-pressure compressors of the very highest quality.

BAUER’s state-of-the-art 250,000 square-foot facility in Norfolk, Virginia means we can stand behind all of the research and development in our breathing-air systems, which are made right here in the U.S.A.
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3-STAGE HIGH-PRESSURE BREATHING AIR COMPRESSORS

JUNIOR II and OCEANUS — include an air purification system and fill hose. These safe and reliable 3-stage compressors are designed for serious sport divers. Available in 1-phase 115/230 VAC and 3-phase 230/460 VAC electric motor or gasoline drives.

› PRESSURE: 5000 PSIG (345 BAR)

› CHARGING RATE: 2.9 to 4.9 SCFM (82 to 139 L/MIN)

› POWER: 2 to 6 HP (1.5 to 4.5 kW)
STANDARD SCOPE OF SUPPLY
- BAUER P0 breathing air purification system
- Belt guard designed to meet OSHA guidelines
- Inlet filter
- Vibration isolators
- High-temperature switch (G drives)
- Five-foot fill hose assembly with SCUBA yoke, bleed valve and pressure gauge

OCEANUS MODELS (ADD TO ABOVE)
- Sturdy, long lasting low pressure oil pump
- Large oil sump allows shipboard inclination of 30° (20° G drive)
- Capable of filling/maintaining up to a two cylinder 5000 PSIG UN storage system
- Corrosion-resistant coolers and stainless steel frame

YACHTING PACKAGE (ADD TO ABOVE)
- NEMA - 4 electrical box
- Motor starter
- Automatic condensate drain with muffler/separator and condensate reservoir
- Pressure switch
- Stainless steel fittings

 technical data

<table>
<thead>
<tr>
<th>Model</th>
<th>Charging Rate¹</th>
<th>Number of Stages</th>
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Note: JRII is designed for filling an individual SCUBA or SCBA. It is neither designed nor intended for filling cascade storage systems of any kind. ¹) Based on recharging an 80 cubic foot tank from 500 to 3000 psig. ²) Compressor capacity referenced to standard inlet conditions. · E1/115= Single phase electric, 115 VAC/60 Hz. · E1= Single phase electric, 230 VAC/60 Hz. · E3= Three phase electric, 208/230/460 VAC/60 Hz. · GK= Gasoline engine drive, KOHLER. Y= Yachting package. Dimensions and weight are approximate and are subject to change.
SCHEDULE MAS:
Total solutions for law enforcement, security, facilities management, fire, rescue, clothing, marine craft and emergency/disaster response.

NAICS CODE #333912 | NSN: 4310-01-564-6677 | GSA CONTRACT: GS-07F-195GA

When your needs call for a truly lightweight portable that can be plugged into a common household outlet, look to the JRII-E1/ARMY. This unit is commonly fielded for use on the MRS III Egress Air Manifold System and the Wilcox HP/LP Quick Fill Charging System.

› PRESSURE:
  3700 PSIG (255 BAR)

› CHARGING RATE:
  1.2 SCFM (34 L/MIN)

› POWER:
  1.5 HP (1.1 kW)

› CONTRACT PERIOD:
  09/25/22 - 09/24/27
STANDARD SCOPE OF SUPPLY

› Air-cooled high pressure JUNIOR compressor
› Electric motor 1.5 HP, 110 V
› BAUER P0 air purification system to process 3,200 CF of air per cartridge at standard inlet conditions
› 15 amp plug
› Final pressure setting 3700 PSIG
› Pressure maintaining valve
› Check valve
› Filter vent valve
› Air outlet ¼”
› Lightweight, fixed base
› Hourmeter
› Visual CO/Moisture monitor indicator
› Inlet filter
› One 5 ft. fill hose complete with shut-off valve, pressure gauge, vent valve and 300 bar din adapter
› 10 ft. electric cable with plug for 110 V 15 AMP circuit
› Base mounted on/off switch

AVAILABLE ACCESSORIES

› P0 purification cartridge
› Certified air test with documentation
› Gasket kit
› Valve overhaul kit
› Inlet filter element
› Fill gauge (Fill gauge with calibration option)
› 5 ft. fill hose
› Please see page 40 for additional accessories / parts

SYSTEM FOOTPRINT

DIMENSIONS L x W x H inches (mm)
› 29.375” x 14” x 16.25” (746mm x 356mm x 412.75mm)

WEIGHT pounds (kg)
› 100 lb (45 kg)

TECHNICAL DATA

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<th>Model</th>
<th>Charging Rate1</th>
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1) Based on recharging an 80 cubic foot tank from 500 to 3000 psig.
2) Compressor capacity referenced to standard inlet conditions. Dimensions and weight are approximate and are subject to change.
3) Maximum operating pressure with 1.5 HP motor and is 15 amp plug is 1800 PSIG.
4) Maximum operating pressure with 20 HP motor and 20 amp plug is 5000 PSIG.

A. BAUER COMPRESSOR warranty includes parts and labor 12 Months from date of compressor start-up or 18 Months from date of shipment. B. Spare parts consisting of normal wear and tear items; e.g., replacement cartridges, valve overhaul kits, gasket kits, belt, oil, inlet filter element, etc. are normal stock items at BAUER NORFOLK, BAUER SAN FRANCISCO, BAUER NORTHEAST and BAUER MIAMI.
OCEANUS-E3/NAVY

SCHEDULE MAS:
Total solutions for law enforcement, security, facilities management, fire, rescue, clothing, marine craft and emergency/disaster response.

NAICS CODE #333912 | NSN: 4310-01-532-5897 | GSA CONTRACT: GS-07F-195GA

When your needs specify a robust package that can be subjected to the rigors of outdoor use, look to the OCEANUS-E3/NAVY. Amenities including a stainless steel frame and ergonomically designed lifting handle coupled with a BAUER purification system and combination CO/Moisture indicator.

› PRESSURE:
  5000 PSIG (345 BAR)

› CHARGING RATE:
  4.9 SCFM (139 L/MIN)

› POWER:
  5 HP (3.7 kW)

› CONTRACT PERIOD:
  09/25/22 - 09/24/27
**STANDARD SCOPE OF SUPPLY**

- Air-cooled high pressure OCEANUS compressor
- Electric motor 5 HP, 230 V/460 V
- BAUER P0 air purification system to process 3,200 CF of air per cartridge at standard inlet conditions
- Pressure maintaining valve
- Check valve
- Filter vent valve
- Air outlet ¼”
- Lightweight, fixed stainless steel base
- Hourmeter
- Visual CO/Moisture monitor indicator
- Inlet filter
- One 5 ft. fill hose complete with shut-off valve, pressure gauge, vent valve and CGA-347 adapter
- Electric cable with strain relief

**AVAILABLE ACCESSORIES**

- P0 purification cartridge
- Certified air test with documentation
- Gasket kit
- Inlet filter element
- Valve overhaul kit
- 5 ft. fill hose
- Fill gauge (Fill gauge with calibration option)
- Gasket, O-ring and seals kit
- Plug for 440 VAC
- Please see page 40 for additional accessories / parts

**SYSTEM FOOTPRINT**

**DIMENSIONS L x W x H inches (mm)**
- 32” x 18” x 23” (813mm x 457mm x 584mm)

**WEIGHT pounds (kg)**
- 135 lb (61 kg)

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Model</th>
<th>Charging Rate¹</th>
<th>Number of Stages</th>
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1) Based on recharging an 80 cubic foot tank from 500 to 3000 psig. 2) Compressor capacity referenced to standard inlet conditions. Dimensions and weight are approximate and are subject to change. A. BAUER COMPRESSOR warranty includes parts and labor 12 Months from date of compressor start-up or 18 Months from date of shipment. B. Spare parts consisting of normal wear and tear items; e.g., replacement cartridges, valve overhaul kits, gasket kits, belt, oil, inlet filter element, etc. are normal stock items at BAUER NORFOLK, BAUER SAN FRANCISCO, BAUER NORTHEAST and BAUER MIAMI.
OCEANUS-E3Y

SCHEDULE MAS:
Total solutions for law enforcement, security, facilities management, fire, rescue, clothing, marine craft and emergency/disaster response.

NAICS CODE #333912 | GSA CONTRACT: GS-07F-195GA

Includes many amenities found only on higher capacity systems, including pressure lubricated 3-stage compressor, automatic condensate drain system, automatic air switch, NEMA-4 electrical enclosure, stainless steel frame, high temperature shutdown switch, all coupled to a BAUER purification system.

› PRESSURE:
  5000 PSIG (345 BAR)

› CHARGING RATE:
  4.9 SCFM (139 L/MIN)

› POWER:
  5 HP (3.7 kW)

› CONTRACT PERIOD:
  09/21/17 - 09/20/22
STANDARD SCOPE OF SUPPLY

- Heavy duty stainless steel base and stainless steel inner frame
- Compressor base plate with stainless steel fittings
- Magnetic starter and power-on light
- High temperature and final pressure switch
- Hourmeter and on/off switch
- Automatic condensate drain system
- Safety relief valves for each stage of compression
- Inlet filter and oil dipstick
- Vibration isolators and belt guard
- NEMA 4x electric enclosure
- BAUER P0 purification system
- UV resistant molded plastic flywheel cover
- BAUER Oceanus air-cooled high pressure compressor

AVAILABLE ACCESSORIES

- P0 purification cartridge
- Certified air test with documentation
- Gasket kit
- Valve overhaul kit
- Inlet filter element
- Fill gauge (Fill gauge with calibration option)
- 5 ft. fill hose
- Gasket, O-ring and seals kit
- Please see page 40 for additional accessories

SYSTEM FOOTPRINT

DIMENSIONS L x W x H inches (mm)
- 32” x 18” x 23” (813mm x 457mm x 584mm)

WEIGHT pounds (kg)
- 135 lb (61 kg)

TECHNICAL DATA

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<tr>
<th>Model</th>
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1) Based on recharging an 80 cubic foot tank from 500 to 3000 psig. 2) Compressor capacity referenced to standard inlet conditions. Dimensions and weight are approximate and are subject to change.
A. BAUER COMPRESSOR warranty includes parts and labor 12 Months from date of compressor start-up or 18 Months from date of shipment.
B. Spare parts consisting of normal wear and tear items, e.g., replacement cartridges, valve overhaul kits, gasket kits, belt, oil, inlet filter element, etc. are normal stock items at BAUER NORFOLK, BAUER SAN FRANCISCO, BAUER NORTHEAST and BAUER MIAMI.
SCHEDULE MAS:
Total solutions for law enforcement, security, facilities management, fire, rescue, clothing, marine craft and emergency/disaster response.

NAICS CODE #333912 | GSA CONTRACT: GS-07F-195GA
When your needs call for a total solution at a budgetary price, look to BAUER. Our continuous duty OCEANUS-E3Y coupled to a two (2) bottle storage bank and two (2) position containment fill station will fulfill your needs.

› PRESSURE:
  5000 PSIG (345 BAR)

› CHARGING RATE:
  4.9 SCFM (139 L/MIN)

› POWER:
  5 HP (3.7 kW)

› CONTRACT PERIOD:
  09/25/22 - 09/24/27

› HC5000-2

› OCEANUS-E3Y/NOAA

› CFS5.5-2S

› CFS5.5-2S

› OCEANUS-E3Y/NOAA

› OCEANUS-E3Y/NOAA

› GSA

› GSA
STANDARD SCOPE OF SUPPLY

› Heavy duty stainless steel base and stainless steel inner frame
› Compressor base plate with stainless steel fittings
› Magnetic starter and power-on light
› High temperature and final pressure switch
› Hourmeter and on/off switch
› Automatic condensate drain system
› Safety relief valves for each stage of compression
› Inlet filter and oil dipstick
› Vibration isolators and belt guard
› NEMA 4x electric enclosure
› P0 purification system
› UV resistant molded plastic flywheel cover

HC5000-2

› Two (2) each 5000 PSIG UN code stamped cylinders mounted in a vertical rack
› Price includes cylinder integrated piping

CFS5.5-2S

› 2 Position SCBA containment fill station

AVAILABLE ACCESSORIES

› P0 purification cartridge
› Certified air test with documentation
› Gasket kit
› Valve overhaul kit
› Inlet filter element
› Fill gauge (Fill gauge with calibration option)
› 5 ft. fill hose
› Gasket, O-ring and seals kit
› Please see page 41 for additional accessories / parts

SYSTEM FOOTPRINT

OCEANUS-E3Y/NOAA:
DIMENSIONS L X W X H inches (mm)
› 32” x 18” x 23” (813mm x 457mm x 584mm)
› WEIGHT pounds (kg)
› 135 lb (61 kg)

HC5000-2:
DIMENSIONS L X W X H inches (mm)
› 17.5” x 26” x 65” (445mm x 660mm x 1651mm)
› WEIGHT pounds (kg)
› 450 lb (204 kg)

CFS5.5-2S:
DIMENSIONS L X W X H inches (mm)
› 30” x 21” x 53” (762mm x 533mm x 1346mm)
› WEIGHT pounds (kg)
› 670 lb (304 kg)

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C-D/DV/NAVY

(This product available to our US Navy customers only)

SCHEDULE MAS:
Total solutions for law enforcement, security, facilities management, fire, rescue, clothing, marine craft and emergency/disaster response.

NAICS CODE #333912 | NSN: 4310-01-465-1509 | GSA CONTRACT: GS-07F-195GA

Whether your requirement is filling an SCBA or SCUBA cylinder look to the C-D/DV/NAVY to fulfill your portable needs. A rugged lightweight steel tubular frame supports all pressure bearing components while at the same time provides the ultimate in portability.

› PRESSURE:
  5000 PSIG (345 BAR)

› CHARGING RATE:
  6 SCFM (170 L/MIN)

› POWER:
  6 HP (4.5 kW)

› CONTRACT PERIOD:
  09/25/22 - 09/24/27
STANDARD SCOPE OF SUPPLY

› Air-cooled high pressure CAPITANO compressor
› Yanmar air-cooled diesel engine with 2.7 quart fuel tank
› BAUER P1 breathing air purification system to process 15,000 CF of air per cartridge at standard inlet conditions (2 replacements)
› Pressure maintaining valve
› Check valve
› Vent valve
› Air outlet ¼”, with tee installed
› Lightweight, tubular metal frame
› Retractable carrying handles (4)
› Heavy duty casters (4)
› Hourmeter
› Visual CO/moisture monitor indicator
› Two 6 ft. fill hoses, each hose complete with shut-off valve, pressure gauge, vent valve and CGA-347 adapter or C-D/DV/NAVY/SF (SCUBA)
› Austenitic stainless steel tubing, tube fittings and fill hose fittings, high pressure instrument pipe fittings and anodized aluminum fill adapters
› Inlet filter with 10 ft. flexible hose

AVAILABLE ACCESSORIES

› P1 purification cartridge
› Certified air test with documentation
› Intake filter
› Fill hose assembly
› Gasket, fill hose assembly, calibrated
› Fill adapter
› Please see pages 41 - 42 for additional accessories / parts

SYSTEM FOOTPRINT

DIMENSIONS L X W X H inches (mm)
› 45.375” x 18.625” x 28.875” (1153mm x 473mm x 733mm)

WEIGHT pounds (kg)
› 262 lb (119 kg)

TECHNICAL DATA

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1) Based on recharging an 80 cubic foot tank from 500 to 3000 psig. 2) Compressor capacity referenced to standard inlet conditions. Dimensions and weight are approximate and are subject to change.

A. BAUER COMPRESSOR warranty includes parts and labor 12 Months from date of compressor start-up or 18 Months from date of shipment.  
B. Spare parts consisting of normal wear and tear Items; e.g., replacement cartridges, valve overhaul kits, gasket kits, belt, oil, inlet filter element, etc. are normal stock items at BAUER NORFOLK, BAUER SAN FRANCISCO, BAUER NORTHEAST and BAUER MIAMI.
C-D/DV/NAVY/SS

(This product available to our US Navy customers only)

SCHEDULE MAS:
Total solutions for law enforcement, security, facilities management, fire, rescue, clothing, marine craft and emergency/disaster response.

NAICS CODE #333912 | NSN: 4310-01-541-4359 | GSA CONTRACT: GS-07F-195GA

Whether your requirement is filling an SCBA or SCUBA cylinder, look to the C-D/DV/NAVY/SS to fulfill your portable needs. A rugged stainless steel frame and optional cover assures all pressure bearing components are protected, even in the most severe conditions.

› PRESSURE:
  5000 PSIG (345 BAR)

› CHARGING RATE:
  6 SCFM (170 L/MIN)

› POWER:
  6 HP (4.5 kW)

› CONTRACT PERIOD:
  09/25/22 - 09/24/27
STANDARD SCOPE OF SUPPLY

› Air-cooled high pressure CAPITANO compressor
› Marinized Yanmar air-cooled diesel engine with 2.7 quart fuel tank (Muffler and throttle bracket nickel plated for corrosion inhibition)
› BAUER P1 breathing air purification system to process 15,000 CF of air per cartridge at standard inlet conditions (2 replacements)
› Pressure maintaining valve
› Check valve
› Vent valve
› Air outlet ¼”, with tee installed
› Visual CO/moisture monitor indicator
› Two 6ft. fill hoses, each hose complete with shut-off valve, pressure gauge, vent valve and CGA-347 adapter or C-D/DV/NAVY/SF (SCUBA)
› Austenitic stainless steel tubing, tube fittings and fill hose fittings, high pressure instrument pipe fittings and anodized aluminum fill adapters
› Inlet filter with 10 ft. flexible hose
› Stainless steel: frame with integral skid plate, cover with retractable lifting handles and tide down points, cover latches and four-point mounted casters (brakes and are independently steerable)
› Compressor and cover lifting handles (operator comfort)
› Oil drain hoses for the compressor and diesel engine
› Enhanced fill hose retainer attachment points
› Metal interstage relief valve tagging

AVAILABLE ACCESSORIES

› P1 purification cartridge
› Cover
› Certified air test with documentation
› Intake filter
› Fill hose assembly
› Gasket, fill hose assembly, calibrated
› Fill adapter
› Please see pages 43 - 44 for additional accessories / parts

SYSTEM FOOTPRINT

DIMENSIONS L X W X H inches (mm)
› 52” x 21.375” x 29” (1321mm x 543mm x 737mm)

DRY WEIGHT pounds (kg)
› Without cover: 322 lb (146 kg)
› Cover: 64 lb (29 kg)
› Total weight: 386 lb (175 kg)

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>Charging Rate¹</th>
<th>Number of Stages</th>
<th>Motor FAD²</th>
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¹ Based on recharging an 80 cubic foot tank from 500 to 3000 psig.  ² Compressor capacity referenced to standard inlet conditions. Dimensions and weight are approximate and are subject to change.

A. BAUER COMPRESSOR warranty includes parts and labor 12 Months from date of compressor start-up or 18 Months from date of shipment.

B. Spare parts consisting of normal wear and tear items; e.g., replacement cartridges, valve overhaul kits, gasket kits, belt, oil, inlet filter element, etc. are normal stock items at BAUER NORFOLK, BAUER SAN FRANCISCO, BAUER NORTHEAST and BAUER MIAMI.
C-D/DV/MU

SCHEDULE MAS:
Total solutions for law enforcement, security, facilities management, fire, rescue, clothing, marine craft and emergency/disaster response.

NAICS CODE #333912 | GSA CONTRACT: GS-07F-195GA
Whether your requirement is filling an SCBA or SCUBA cylinder look to the C-D/DV/MU to fulfill your portable needs. A rugged lightweight steel tubular frame supports all pressure bearing components while at the same time provides the ultimate in portability.

› PRESSURE:
  5000 PSIG (345 BAR)

› CHARGING RATE:
  6 SCFM (170 L/MIN)

› POWER:
  6 HP (4.5 kW)

› CONTRACT PERIOD:
  09/25/22 - 09/24/27
STANDARD SCOPE OF SUPPLY

› Air-cooled high pressure CAPITANO compressor
› Air-cooled diesel engine with 2.7 quart fuel tank
› BAUER P1 breathing air purification system to process 15,000 CF of air per cartridge at standard inlet conditions (2 replacements)
› Pressure maintaining valve
› Check valve
› Vent valve
› Air outlet ¼”, with tee installed
› Lightweight, tubular metal frame
› Retractable carrying handles (4)
› Heavy duty casters (4)
› Hourmeter
› Visual CO/moisture monitor indicator
› Two 6 ft. fill hoses, each hose complete with shut-off valve, pressure gauge, vent valve and CGA-347 adapter C-D/DV/NAVY/SF (SCUBA)
› Austenitic stainless steel tubing, tube fittings and fill hose fittings, high pressure instrument pipe fittings and anodized aluminum fill adapters
› Inlet filter with 10 ft. flexible hose

AVAILABLE ACCESSORIES

› P1 purification cartridge
› Certified air test with documentation
› Intake filter
› Fill hose assembly
› Gasket, fill hose assembly, calibrated
› Fill adapter
› Please see pages 44 - 45 for additional accessories / parts

SYSTEM FOOTPRINT

DIMENSIONS L X W X H inches (mm)
› 45.375” x 18.625” x 28.875” (1153mm x 473mm x 733mm)

WEIGHT pounds (kg)
› 262 lb (119 kg)

TECHNICAL DATA

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1) Based on recharging an 80 cubic foot tank from 500 to 3000 psig. 2) Compressor capacity referenced to standard inlet conditions. Dimensions and weight are approximate and are subject to change.
A. BAUER COMPRESSOR warranty includes parts and labor 12 Months from date of compressor start-up or 18 Months from date of shipment.
B. Spare parts consisting of normal wear and tear items; e.g., replacement cartridges, valve overhaul kits, gasket kits, belt, oil, inlet filter element, etc. are normal stock items at BAUER NORFOLK, BAUER SAN FRANCISCO, BAUER NORTHEAST and BAUER MIAMI.
C-D/DV/MU/SS

(Available to all US Military, DOD and first responder customers)

SCHEDULE MAS:
Total solutions for law enforcement, security, facilities management, fire, rescue, clothing, marine craft and emergency/disaster response.

NAICS CODE #333912 | NSN: 4310-01-628-3829 | GSA CONTRACT: GS-07F-195GA

Whether your requirement is filling an SCBA or SCUBA cylinder, look to the C-D/DV/MU/SS to fulfill your portable needs. A rugged stainless steel frame and optional cover assures all pressure bearing components are protected, even in the most severe conditions.

› PRESSURE:
  5000 PSIG (345 BAR)

› CHARGING RATE:
  6 SCFM (170 L/MIN)

› POWER:
  6 HP (4.5 kW)

› CONTRACT PERIOD:
  09/25/22 - 09/24/27
STANDARD SCOPE OF SUPPLY

Air-cooled high pressure CAPITANO compressor
Marinized air-cooled diesel engine with 2.7 quart fuel tank
(Muffler and throttle bracket nickel plated for corrosion inhibition)
BAUER P1 breathing air purification system to process 15,000 CF
of air per cartridge at standard inlet conditions (2 replacements)
Pressure maintaining valve
Check valve
Vent valve
Air outlet ¼”, with tee installed
Visual CO/moisture monitor indicator
Two 6 ft. fill hoses, each hose complete with shut-off valve,
pressure gauge, vent valve and CGA-347 adapter or C-D/DV/
NAVY/SF (SCUBA)
Austenitic stainless steel tubing, tube fittings and fill hose fittings,
high pressure instrument pipe fittings and anodized aluminum
fill adapters
Inlet filter with 10 ft. flexible hose
Stainless steel: frame with integral skid plate, cover with retractable
lifting handles and tide down points, cover latches and four-point
mounted casters (brakes and are independently steerable)
Compressor and cover lifting handles (operator comfort)
Oil drain hoses for the compressor and diesel engine
Enhanced fill hose retainer attachment points
Metal interstage relief valve tagging

AVAILABLE ACCESSORIES

P1 purification cartridge
Cover
Certified air test with documentation
Intake filter
Fill hose assembly
Gasket, fill hose assembly, calibrated
Fill adapter
Please see pages 46 - 47 for additional accessories / parts

SYSTEM FOOTPRINT

DIMENSIONS L X W X H inches (mm)
52” x 21.375” x 29” (1321mm x 543mm x 737mm)
DRY WEIGHT pounds (kg)
Without cover: 322 lb (146 kg)
Cover: 64 lb (29 kg)
Total weight: 386 lb (175 kg)

TECHNICAL DATA

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<th>Model</th>
<th>Charging Rate¹</th>
<th>Number of Stages</th>
<th>Motor</th>
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</table>

¹) Based on recharging an 80 cubic foot tank from 500 to 3000 psig. ²) Compressor capacity referenced to standard inlet conditions. Dimensions and weight are approximate and are subject to change.

A. BAUER COMPRESSOR warranty includes parts and labor 12 Months from date of compressor start-up or 18 Months from date of shipment.
B. Spare parts consisting of normal wear and tear items; e.g., replacement cartridges, valve overhaul kits, gasket kits, belt, oil, inlet filter element, etc. are normal stock items at BAUER NORFOLK, BAUER SAN FRANCISCO, BAUER NORTHEAST and BAUER MIAMI.
SCHEDULE MAS:
Total solutions for law enforcement, security, facilities management, fire, rescue, clothing, marine craft and emergency/disaster response.

NAICS CODE #333912 | NSN: 4310-01-500-9092 | GSA CONTRACT: GS-07F-195GA

Want to accelerate filling an SCBA or SCUBA cylinder? Look to the MII-D/DV to fulfill your portable needs. Included are a high capacity 3-stage pressure lubricated compressor, an Arc Spray coated robust steel tubular frame, and a BAUER purification system.

› PRESSURE: 5000 PSIG (345 BAR)

› CHARGING RATE: 8.4 SCFM (238 L/MIN)

› POWER: 6.4 HP (4.8 kW)

› CONTRACT PERIOD: 09/25/22 - 09/24/27
### STANDARD SCOPE OF SUPPLY
- Marinized air-cooled high pressure MARINER compressor
- Marinized air-cooled diesel engine
- BAUER P1 breathing air purification system to process 15,000 CF of air per cartridge at standard inlet conditions (2 replacements)
- Pressure maintaining valve
- Check valve
- Vent valve
- Air outlet ¼”, with tee installed
- Lightweight, tubular metal frame
- Retractable carrying handles (4)
- Heavy duty casters (4)
- Hourmeter
- Visual CO/moisture monitor indicator
- Two 6 ft. fill hoses, each hose complete with shut-off valve, pressure gauge, vent valve and CGA-347 adapter or C-D/DV/NAVY/SF (SCUBA)
- Austenitic stainless steel tubing, tube fittings and fill hose fittings, high pressure instrument pipe fittings and anodized aluminum fill adapters
- Inlet filter with 10 ft. flexible hose

### AVAILABLE ACCESSORIES
- P1 purification cartridge
- Certified air test with documentation
- Intake filter
- Fill hose assembly
- Gasket, fill hose assembly, calibrated
- Fill adapter
- Compressor block heater
- Diesel engine block heater
- Package Hypalon® type cover
- Please see page 47 for additional accessories / parts

### SYSTEM FOOTPRINT
**DIMENSIONS L X W X H inches (mm)**
- 46.6875” x 22” x 27.875” (1186mm x 560mm x 708mm)

**WEIGHT pounds (kg)**
- 400 lb (181 kg)

### TECHNICAL DATA

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<th>Model</th>
<th>Charging Rate¹</th>
<th>Number of Stages</th>
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¹ Based on recharging an 80 cubic foot tank from 500 to 3000 psig.  ² Compressor capacity referenced to standard inlet conditions.  Dimensions and weight are approximate and are subject to change.

A. BAUER COMPRESSOR warranty includes parts and labor 12 Months from date of compressor start-up or 18 Months from date of shipment.
B. Spare parts consisting of normal wear and tear items; e.g., replacement cartridges, valve overhaul kits, gasket kits, belt, oil, inlet filter element, etc. are normal stock items at BAUER NORFOLK, BAUER SAN FRANCISCO, BAUER NORTHEAST and BAUER MIAMI.
3- AND 4-STAGE HIGH-PRESSURE BREATHING AIR COMPRESSORS

We reinvented our BAUER DIVE MATE® product family for 2022. Introducing the new DMT II package. A combination of a high-strength aluminum alloy tubular frame and a formed motor baseplate create a durable foundation for this lightweight, yet robust, package. We have increased the number of compressor offerings and motor drives to allow you to tailor the package to your specific requirements. We challenge you to find a more flexible package or greater variety of amenities: from 8.4 to 13.0 scfm charge rate, three (3) or four (4) stage BAUER compressor and BAUER purification. Electric motor, gasoline, or diesel engine drives allow you to select the mode of power best suited to your specific requirements. Furthermore, we even offer two (2) trim levels to allow you to select the appropriate package, to meet the buyer’s needs.

› PRESSURE:
Up to 6000 PSIG
(414 BAR)

› CHARGING RATE:
8.4 to 13 SCFM
(170 to 368 L/MIN)

› POWER:
7.5 to 14 HP
(5.6 to 10.4 kW)
STANDARD SCOPE OF SUPPLY

› Available in three sizes 8, 10 & 13 SCFM charge rate
  • Choice of prime mover/drive
  • Electric motor, 1-phase or 3-phase
  • Gasoline engine (pull start)
  • Diesel engine (DMTII 08-DY & DMTII 10-DY, EPA Tier 4 Final, Pull start)
› Inlet filter
› Stainless steel intercoolers and aftercooler
› High temperature switch (except D drive)
› Vibration isolators
› P31 Purification for 5000 PSIG systems
› P41 Purification for 6000 PSIG systems
› Low oil pressure switch (electric drive)
› Motor starter with NEMA 4 enclosure (electric drive units)
› Hourmeter (electric and gasoline drive) or Vibration type (diesel drive)
› Final pressure switch (electric & gasoline drive)
› Visual CO/moisture indicator
› Lifting handles
› Tubular aluminum frame

DMT II ELITE (ADD TO ABOVE)

› Interstage gauges
› Automatic condensate drain
› Electric start and low oil pressure switch for gasoline drive units.

AVAILABLE ACCESSORIES (DEALER/CUSTOMER INSTALLED)

› Wheel kit

SYSTEM FOOTPRINT

DIMENSIONS L X W X H inches (mm)
› 48” x 32” x 28” (1219mm x 819mm x 711mm)*

WEIGHT pounds (kg)
› 300 - 450 lb (136 - 204 kg)

AVAILABLE ACCESSORIES (FACTORY INSTALLED)

› B-Timer (P31)

TECHNICAL DATA

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<tr>
<th>Model</th>
<th>Charging Rate¹</th>
<th>Number of Stages</th>
<th>Motor</th>
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¹) Based on recharging an 80 cubic foot tank from 500 to 3000 psig.
²) Compressor capacity referenced to standard inlet conditions.
E1= Single phase electric, 230 VAC/60 Hz. E3=Three phase electric, 208/230/460 VAC/60 Hz. Other voltages available on request. GK=Gasoline engine drive, KOHLER DY=Diesel engine drive, YANMAR.
Dimensions and weight are approximate and are subject to change.
BAUER’s VERTECON® series of high-pressure breathing air compressor systems have been an industry leader for many years. We combined the simplistic platform with an economical design, featuring the latest BAUER technological enhancements. The series now features an integral base that eliminates the guesswork of product placement, ensuring the system has been installed correctly for system ventilation and maintenance accessibility. With the advent of the integral base, the compressor package can also have a sound attenuated enclosure optionally installed at a later date. A refreshed HMI operations panel and electrical control system allow you to tailor the system to your specific requirements. When simple is what you want, look to BAUER.

› PRESSURE:
  Up to 6000 PSIG (414 BAR)

› CHARGING RATE:
  5 to 26.4 SCFM (142 to 748 L/MIN)

› POWER:
  5 to 20 HP (3.7 to 15 kW)
STANDARD SCOPE OF SUPPLY

- BAUER breathing air purification system
- Open vertical cabinet made of formed sheet and plate goods provide a firm foundation for all pressure bearing components
- Modern design with unsurpassed maintenance accessibility (no hand tools are required for normal maintenance checks and fluid level confirmation
- BAUER PLC based controller with 7" color HMI touchscreen display
- Belt adjustment tool
- NEMA 4 rated electrical enclosure with UL® listed control panel
- All wiring harnesses incorporated within a corrugated loom with number coding for easy system diagnosis
- Emergency stop push button
- .049 wall thickness stainless steel tubing throughout; no cheap plastic tubing
- Rugged powder coat finish
- Zero loss automatic condensate drain system
- Interstage pressure gauges (locally mounted)
- Compressor on/off, final pressure, oil pressure and high-temperature shutdown
- Motor overload indication
- Final separator counter with shutdown and operator indication
- Unique integrated positioning base which ensures correct installation every time

AVAILABLE ACCESSORIES (FACTORY INSTALLED)

- BAUER Gas-Tek™ CO monitoring system
- B-SECURUS - Electronic moisture monitoring for the purification system
- B-Kool (floor mount only)
- H₂S monitoring system with audible alarm

SYSTEM FOOTPRINT

VEC05 - VEC13:
DIMENSIONS L X W X H inches (mm)
- 54” x 34” x 56” (1372.6mm x 863.6mm x 1422.4mm)
- WEIGHT pounds (kg)
- 800 - 900 lb (363 - 408.2 kg)

VEC18 - VEC26:
DIMENSIONS L X W X H inches (mm)
- 54” x 34” x 63” (1372.6mm x 863.6mm x 1600.2mm)
- WEIGHT pounds (kg)
- 1200 - 1300 lb (544.3 - 589.7 kg)

TECHNICAL DATA

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¹ Based on recharging an 80 cubic foot tank from 500 to 3000 psig.
² Compressor capacity referenced to standard inlet conditions.
E1= Single phase electric, 230 VAC/60 Hz. E3=Three phase electric, 208/230/460 VAC/60 Hz. Other voltages available on request. Dimensions and weight are approximate and are subject to change.
3-, 4-, AND 5-STAGE ENCLOSED HIGH-PRESSURE BREATHING AIR COMPRESSORS

The days of “Breadbox” designed compressor packages are over! Step up to the BAUER VERTICUS®. The updated, sound-attenuated cabinet is equipped with an aesthetically pleasing operations panel, ensuring easy access to the drive belts. Vertically hinged and lift-off side access doors incorporate fast pin technology for fast removal of the doors for maintenance – no hand tools required! The rear panel incorporates integral handles and a tabbed lift-off design. The front access door includes a hex-keyed latch to eliminate any accidental door openings while the system is operating. Sound attenuation has been incorporated on every possible panel to provide a nice and quiet operating level of approximately 72 dB (within one meter). One package size accommodates BAUER high-pressure air-cooled compressors from 5 to 20 Hp motors. Our new, larger, 7” HMI enhances the monitoring of system functions.

› PRESSURE:  
  Up to 6000 PSIG  
  (414 BAR)

› CHARGING RATE:  
  5 to 26.4 SCFM  
  (142 to 748 L/MIN)

› POWER:  
  5 to 20 HP (3.7 to 15 kW)
STANDARD SCOPE OF SUPPLY

› BAUER breathing air purification system with B-SECURUS
› BAUER PLC based controller with 7” color HMI touchscreen display
› NEMA 4 rated electrical enclosure with UL® listed control panel
› Compressor low oil pressure and high-temperature safety shutdowns
› Emergency stop push button and automatic start/stop control
› Zero loss automatic condensate drain system with non-corrosive condensate reservoir and integrated float sensor and automatic “Full” indication and compressor shutdown
› Interstage pressure gauges (locally mounted)
› Vertically hinged front operations panel and lift-off side maintenance access doors
› Inlet filter maintenance indicator
› Unique hinged front operations panel

AVAILABLE ACCESSORIES (FACTORY INSTALLED)

› BAUER Gas-Tek™ CO monitoring system
› B-Kool
› H₂S monitoring system with audible alarm

SYSTEM FOOTPRINT

VERTICUS:
VAC5 - VAC26

DIMENSIONS L X W X H inches (mm)
› 55” x 35” x 70” (1397mm x 737mm x 1778mm)

WEIGHT pounds (kg)
› 1000 - 1400 lb (453.6 - 635 kg)

TECHNICAL DATA

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<thead>
<tr>
<th>Model</th>
<th>Charging Rate¹</th>
<th>Number of Stages</th>
<th>Motor</th>
<th>FAD²</th>
<th>RPM</th>
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</tbody>
</table>

1) Based on recharging an 80 cubic foot tank from 500 to 3000 psig.
2) Compressor capacity referenced to standard inlet conditions.
3) 30 HP units are in a cabinet other than depicted.
E1= Single phase electric, 230 VAC/60 Hz. E3=Three phase electric, 208/230/460 VAC/60 Hz. Other voltages available on request. Dimensions and weight are approximate and are subject to change.
7000 PSIG Breathing Air Systems

As SCBA working pressures increase, so must the fire department’s high-pressure breathing air compressor system. If left unchecked, the department runs the risk of not supporting their breathing air demand for grade “E” breathing air. BAUER Compressors is the first company in the industry to offer a wide and varied product portfolio to meet your specific needs. We start with a performance-proven BAUER air-cooled high-pressure compressor designed, built, and rated for continuous duty operations at 7000 PSIG. The compressor has been in existence long before others. It has proven itself since 1992 in the high-pressure, non-breathing air market where up-time demands are far more stringent than the breathing air market. We couple the compressor to one of our BAUER high-pressure breathing air purification systems, designed for continuous operations at 7000 PSIG while meeting the Compressed Gas Association’s rigorous breathing air quality standards for grade “E” air and/or the National Fire Protection Association (1989 standard for high-pressure breathing air) along with many other recognized global standards.

BAUER Compressors offers two (2) models of 7000 PSIG compressor packages, each outfitted to meet your specific requirements. A simplistic component system utilizing one of our VERTECON® compressor packages. Along with an independently tested and verified CFS5.5®-3S or CFS5.5®-2S SCBA containment fill station and an ASME coded air storage system; Or step up to either a UNICUS® 4S or UNICUS® 4i All-In-One compressor package, each outfitted to meet your specific needs. No matter which compressor system you select, rest assured all of the components were chosen in strict adherence to NFPA 1901-2016 edition, calling for a 4:1 structural safety factor.
VERTECON®
STANDARD SCOPE OF SUPPLY

› BAUER breathing air purification system
› Open vertical cabinet made of formed sheet steel providing a firm foundation for all pressure bearing components
› Modern design with unsurpassed maintenance accessibility (no hand tools are required for normal maintenance checks and fluid level confirmation)
› BAUER PLC based controller with 7” color HMI touchscreen display
› Self-adjusting drive belt tensioner
› NEMA 4 rated electrical enclosure with UL® listed control panel
› All wiring harnesses incorporated within a corrugated loom with number coding for easy system diagnosis
› Emergency stop push button
› Stainless steel tubing throughout, no cheap plastic tubing
› Rugged powder coat finish
› Automatic condensate drain system with integral reservoir level sensor to provide system shutdown when the reservoir is full
› Interstage pressure gauges (locally mounted)
› SECURUS Moisture Monitor

SYSTEM FOOTPRINT
DIMENSIONS L X W X H inches (mm)
› 54” x 34” x 63” (1372mm x 864mm x 1600mm)

WEIGHT pounds (kg)
› 1075 lb (488 kg)

PLC CONTROLLER
› Compressor on/off, final pressure, oil pressure, high temperature shutdown
› Supports automatic condensate drain system
› Motor overload indication
› Final separator counter with shutdown and operator indication

AVAILABLE ACCESSORIES (FACTORY INSTALLED)
› BAUER Gas-Tek™ CO monitoring system
› H₂S monitoring system

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>Block</th>
<th>Charging Rate¹</th>
<th>Number of Stages</th>
<th>Motor</th>
<th>FAD²</th>
<th>RPM</th>
<th>Purification System</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SCFM</td>
<td>L/MIN</td>
<td></td>
<td>HP</td>
<td>kW</td>
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<td>VTC-7K/20</td>
<td>IK18.1II</td>
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<td>1300 P5 B-SECURUS</td>
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<td>15</td>
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<td>960 P5 B-SECURUS</td>
</tr>
</tbody>
</table>

¹ Based on recharging an 80 cubic foot tank from 500 to 3000 psig. ² Compressor capacity referenced to standard inlet conditions. ³ Three phase electric, 480/3/60 VAC/50 Hz. Other voltages available on request.
**CFS5.5®**

**STANDARD SCOPE OF SUPPLY**

- Complete with SCBA fill connection, fill hose and bleed valve
- Fill control panel with an adjustable regulator, relief valve, manual control valve and pressure gauge for each fill position
- Convenient door handle actuation, bottom venting and reduced footprint
- Hands-free door interlock
- Compliant with NFPA 1901 2016 Edition
- Four bank dual function cascade controls
- Air direction valve

**SYSTEM FOOTPRINT**

**CFS5.5®-3S**
- **DIMENSIONS** L X W X H inches (mm)
  - 41” x 21” x 57” (1041mm x 533mm x 1448mm)
- **WEIGHT** pounds (kg)
  - 1000 lb (454 kg)

**CFS5.5®-2S**
- **DIMENSIONS** L X W X H inches (mm)
  - 30” x 21” x 57” (762mm x 533mm x 1448mm)
- **WEIGHT** pounds (kg)
  - 750 lb (390.2 kg)

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>CFS5.5®-2S</td>
<td>Two position CFS equipped with inlet pressure gauge adjustable regulator, regulated pressure gauge, fill control valve and fill pressure gauges. Unit will consist of Dual function, top mount, four bank cascade panel. The dual function feature offers the ability to refill a storage bank, even with the bank valve closed, while filling SCBA’s from another bank. It also includes an air direction valve allowing the operator to select “fill from storage” or “fill from compressor”, additionally the system includes a regulated remote fill outlet.</td>
</tr>
<tr>
<td>CFS5.5®-3S</td>
<td>Three position CFS equipped with inlet pressure gauge adjustable regulator, regulated pressure gauge, fill control valve and fill pressure gauges. Unit will consist of Dual function, top mount, four bank cascade panel. The dual function feature offers the ability to refill a storage bank, even with the bank valve closed, while filling SCBA’s from another bank. It also includes an air direction valve allowing the operator to select “fill from storage” or “fill from compressor”, additionally the system includes a regulated remote fill outlet.</td>
</tr>
</tbody>
</table>
AIR STORAGE
STANDARD SCOPE OF SUPPLY

› The scope of supply for the ASME cylinder assembly includes four ASME coded cylinders, an ASME safety relief valve, cylinder valve and drain valve for each cylinder
› Assemblies are designed to be used with a BAUER four-bank cascade panel. Gauges are not included on the individual cylinders as they are on the cascade pane.
› ASME-7K-3:1 is a heavy-duty, welded steel rack designed for vertical cylinder configuration for stationary or mobile applications. Each cylinder is independently affixed to the rack with unistrut type clamps
› ASME-7K-4:1 is a heavy-duty, welded steel rack designed for horizontal cylinder configuration for stationary applications. Each cylinder is independently affixed to the rack with clamps

SYSTEM FOOTPRINT

ASME-7K-3
DIMENSIONS L X W X H inches (mm)
› 52” x 17.5” x 69.5” (1320.8mm x 444.5mm x 1765.3mm)
WEIGHT pounds (kg)
› 2000 lb (3220 kg)

ASME-7K-4
DIMENSIONS L X W X H inches (mm)
› 95” x 34” x 44” (2413mm x 864mm x 1118mm)
WEIGHT pounds (kg)
› 7100 lb (3220 kg)

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>ASME - 7K-3:1</td>
<td>4 Cylinder System with maximum operating pressure of 7000 PSIG installed in a vertical rack. System shall provide a 3:1 structural safety factor</td>
</tr>
<tr>
<td>ASME - 7K-4:1</td>
<td>4 Cylinder System with maximum operating pressure of 7000 PSIG installed in a horizontal rack. System shall provide a 4:1 structural safety factor</td>
</tr>
</tbody>
</table>
7000 PSIG ALL IN ONE SYSTEM: UNICUS® 4S & 4i

BAUER COMPRESSORS, INC. is the first company to offer a fully unitized compressor system built for 7000 PSIG service. Let’s start with continuous duty BAUER 7000 PSIG compressors, which were in existence well before others put pen to paper. We couple the compressor to a BAUER high pressure breathing air purification system that meets the rigorous CGA, NFPA, and many other global standards for high pressure breathing air. A sound attenuated cabinet enclosure incorporates a four (4) cylinder 7000 PSI ASME air storage system along with an NFPA compliant 3-position containment SCBA fill station. Operations and systems functions are simplified with everything located on a centrally located and illuminated operations panel, including an ergonomic and intuitive HMI touchscreen.

Additionally, we are offering you two (2) modes of operation, analog or automatic. The UNICUS® 4S is your choice for all things manually controlled. Should your department wish the automated path, select the UNICUS® 4i. If you want to dress your unit in concert with the Fire Departments theme, ask about our Fire Edition package. Look to BAUER COMPRESSORS when your department needs the best all-in-one compressor system on the market today, backed by our global network of service partners.

› PRESSURE:  
Up to 7000 PSIG  
(483 BAR)

› CHARGING RATE:  
13 to 20 SCFM  
(368 to 566 L/MIN)

› POWER:  
15 to 20 HP  
(11 to 15 kW)
STANDARD SCOPE OF SUPPLY

- BAUER breathing air purification system with B-SECURUS
- BAUER PLC based controller with 7” color HMI touchscreen display on 4S; 15” HMI on 4i
- NEMA 4 rated electrical enclosure with UL® listed control panel
- Compressor low oil pressure and high temperature safety shutdowns
- Emergency stop push button
- Hinged cascade fill control panel with Lexan laminate air flow/fill schematic
- Audible alarm on safety shutdowns
- Inlet filter maintenance indicator
- Automatic condensate drain system with non-corrosive condensate reservoir and integrated float sensor and automatic “Full” indication and compressor shutdown
- Four (4) ASME 7000 PSI code stamped air cylinders; Cylinders are rated with a 3:1 SF
- Sound attenuating enclosure with slam-action latches and lift-off type hinges
- NFPA 1901 2016 edition compliant 3 position containment fill station accommodates SCBA or SCUBA cylinders up to 31” overall length
- Manually controlled dual-function 4 bank cascade controls with air direction valve are standard on the 4S models; Automatic cascade controlled logic is standard on the 4i models

AVAILABLE ACCESSORIES (FACTORY INSTALLED)

- BAUER Gas-Tek™ CO monitoring system
- BAUER RFIDPro™ SCBA data logging (UNICUS 4S)
- RFID data tags (UNICUS 4i & UNICUS 4S)
- RFID SCBA data logging integrated into fill station (UNICUS 4i)
- 100 ft high-pressure cabinet enclosed hose reel
- Panel mounted remote fill hose connection
- Dual Fill-all SCBA positions
- Tri Fill-all SCBA positions

SYSTEM FOOTPRINT

DIMENSIONS L x W x H inches (mm)
101” x 38” x 80” (2565mm x 965mm x 2032mm)

WEIGHT pounds (kg)
4350 - 4550 lb (1973 - 2064 kg)

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>Charging Rate¹</th>
<th>Number of Stages</th>
<th>Motor</th>
<th>FAD²</th>
<th>RPM</th>
<th>Purification System</th>
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<td>kW</td>
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¹ Based on recharging an 80 cubic foot tank from 500 to 3000 psig. ² Compressor capacity referenced to standard inlet conditions.
E3=Three phase electric, 208/230/460 VAC/60 Hz. Other voltages available on request. Dimensions and weight are approximate and are subject to change.

OPTIONAL ACCESSORIES - 7000 SERIES UNICUS 4S & UNICUS 4I

<table>
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<th>Item</th>
<th>Description</th>
<th>Part Number</th>
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<tbody>
<tr>
<td>0001</td>
<td>BAUER Gas-Tek™ Electronic carbon monoxide monitor complete with calibration kit wired for alarm and shutdown. (calibration gas included)</td>
<td>GT/CO/III</td>
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<tr>
<td>0002</td>
<td>Panel mounted remote fill hose connection. Includes bulkhead fitting, adjustable regulator for up to 6000 PSIG service, gauge, isolation valve and quick connect/disconnect fitting (hose no included)</td>
<td>/RF/REG</td>
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<tr>
<td>0003</td>
<td>UN4 remote fill hose connection including adjustable regulator for up to 6000 PSIG service, gauge and isolation valve connected to a cabinet enclosed hose reel with 100 feet of hose rated for 6000 PSIG service</td>
<td>UN4/RF/REL-9</td>
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<tr>
<td>0004</td>
<td>DUAL-FILL, high/low, quick connect fill system (specify fill pressures)</td>
<td>DUAL-FILL/3 position</td>
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<tr>
<td>0005</td>
<td>TRI-FILL, high/low/SCUBA, quick connect fill system (specify fill pressures)</td>
<td>TRI-FILL/3 position</td>
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<td>0006</td>
<td>Fire Edition paint scheme</td>
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<td>0007</td>
<td>RFID SCBA Data Logging</td>
<td>RFID4i</td>
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<td>0008</td>
<td>RFID DATA TAGS Each Kit includes 25-each tags</td>
<td>KIT-0557</td>
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</table>
PLUS MODULE

3- AND 4-STAGE MULTI-FUNCTIONAL HIGH-PRESSURE BREATHING AIR COMPRESSORS VERTICUS PLUS®

The same package amenities found in the VERTICUS® high pressure breathing air compressor system, plus a free-standing aesthetically pleasing multi-functional fill station module, are combined to create the BAUER VERTICUS PLUS®. BAUER’s performance-proven CFS5.5™-2S NFPA compliant containment fill station; two (2) bank dual function cascade controls; integral air storage rack with two (2) UN/ISO code air storage cylinders; 3-way selector valve to select either air from the compressor or onboard air storage system all come together creating the ultimate fill station. Install the two (2) modules side by side as an all-in-one configuration or apart based on the installation site specifics. Flexibility is the key; look to BAUER to unlock the possibilities.

› CONFIGURATION 1

› CONFIGURATION 2
NOW AVAILABLE IN TWO NEW EXCITING OFFERINGS!

VERTECON® PLUS

BAUER’s series of high-pressure breathing air compressor systems have been an industry leader for many years. An economical design featuring the latest BAUER technological enhancements and unsurpassed maintenance accessibility is incorporated within the simplistic platform. The series now features an integral base that eliminates the guesswork of product placement, ensuring the system has been installed correctly for system ventilation and maintenance accessibility.

Matched with the VERTECON® Compressor is the CFS5.5®-2/PLUS: A two-position Fully NFPA Compliant (1901 & 1989) SCBA/SCUBA Fill Station. The CFS5.5®-2/PLUS includes an attractive, ergonomically designed, two-bank Cascade Fill Control Panel and an integral air storage system consisting of two 6000 PSIG UN/ISO air storage cylinders. The VERTECON® PLUS System can be further enhanced by the substitution of ASME air storage cylinders in lieu of UN and the addition of the optional Regulated Remote Fill Outlet, including a high-pressure hose reel and 100 ft. of 6000 PSIG High-Pressure Hose!

BAUER LEGACY® PLUS

The BAUER LEGACY™ Series built in the rugged and proven VERTECON® Frame offers “Back To Basics Simplicity” while still incorporating PLC Control! Replacing the HMI/Touchscreen will be a simple, illuminated On/Off Switch and a set of flashing indicator lamps; the lamps will flash a code representing fault warnings and shutdowns.

Matched with the BAUER LEGACY™ Compressor is the CFS5.5®-2/PLUS: A two-position Fully NFPA Compliant (1901 & 1989) SCBA/SCUBA Fill Station. The CFS5.5®-2/PLUS includes an attractive, ergonomically designed, two-bank Cascade Fill Control Panel and an integral air storage system consisting of two 6000 PSIG UN/ISO air storage cylinders. The BAUER LEGACY™ System can be further enhanced by the substitution of ASME air storage cylinders in lieu of UN/ISO and the addition of the optional Regulated Remote Fill Outlet including a high-pressure hose reel and 100 ft. of 6000 PSIG High-Pressure Hose!
4- AND 5-STAGE ALL-IN-ONE
HIGH-PRESSURE BREATHING AIR COMPRESSORS

A modern upgrade with the simplicity of analog controls; Aesthetically pleasing yet robust design found only in the UNICUS® 4S All-In-One platform. The system is available in either 5000 or 6000 PSIG with discharge capacities ranging from 13 SCFM charge rate to 26 SCFM charge rate. Unsurpassed maintenance accessibility abounds as we have provided all access doors with snap pin technology – pull the pin and lift the door; no hand tools are required. Should you require access to the back of the operations panel, no problem; we have your back, the panel tilts forward. All requisite panels are equipped with sound attenuated material. An integral rack built to accommodate four (4) storage cylinders is standard, along with the piping. Additionally, we provide two (2) ASME-coded air storage cylinders as a part of the standard scope of supply. If you want to dress your unit up in concert with the Fire Department theme, ask about our Fire Edition package. When your department needs the best All-In-One compressor system on the market today and backed by our global network of service partners, look to BAUER.

› PRESSURE:
  Up to 6000 PSIG
  (414 BAR)

› CHARGING RATE:
  13 to 26.4 SCFM
  (368 to 748 L/MIN)

› POWER:
  10 to 20 HP
  (7.5 to 15 kW)

UNICUS® 4S
FIRE EDITION
OPTIONAL FIRE EDITION PAINT SCHEME
(SHOWN HERE)
STANDARD SCOPE OF SUPPLY

› BAUER breathing air purification system with B-SECURUS
› BAUER PLC based controller with 7” color HMI touchscreen display
› NEMA 4 rated electrical enclosure with UL® listed control panel
› Compressor low oil pressure and high temperature safety shutdowns
› Emergency stop push button
› Hinged cascade fill control panel with Lexan laminate air flow/fill schematic
› Audible alarm on safety shutdowns
› Inlet filter maintenance indicator
› Automatic condensate drain system with non-corrosive condensate reservoir and integrated float sensor and automatic “Full” indication and compressor shutdown
› Two (2) ASME code stamped air cylinders installed in an integral rack designed to hold four cylinders
› Sound attenuating enclosure with slam-action latches and lift-off type hinges
› NFPA 1901 2016 edition compliant 3 position containment fill station accommodates SCBA or SCUBA cylinders up to 31” overall length

SYSTEM FOOTPRINT

UN 4S/13H-E1/E3 - UN 4S/26-E3:

DIMENSIONS L X W X H inches (mm)
› 101” x 38” x 80” (2565mm x 965mm x 2032mm)

WEIGHT pounds (kg)
› 4350 - 4550 lb (1973 - 2064 kg)

AVAILABLE ACCESSORIES

(FACTORY INSTALLED)

› BAUER Gas-Tek™ CO monitoring system
› 100 ft high pressure cabinet enclosed hose reel
› Panel mounted remote fill hose connection
› Dual Fill/3 position
› Tri Fill/3 position

TECHNICAL DATA

<table>
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<td>UN 4S/13H-E1/E3</td>
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<td>UN 4S/25H-E3</td>
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<td>714</td>
<td>5</td>
<td>20</td>
<td>15</td>
<td>21</td>
</tr>
</tbody>
</table>

1) Based on recharging an 80 cubic foot tank from 500 to 3000 psig.
2) Compressor capacity referenced to standard inlet conditions.
E1=Single phase electric, 230 VAC/60 Hz.   E3=Three phase electric, 208/230/460 VAC/60 Hz.   Other voltages available on request.   Dimensions and weight are approximate and are subject to change.

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<tbody>
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<td>BAUER Gas-Tek™ Electronic carbon monoxide monitor complete with calibration kit wired for alarm and shutdown. (calibration gas included)</td>
<td>GT/CO/III</td>
</tr>
<tr>
<td>0002</td>
<td>Each additional ASME 5000 PSIG cylinder with relief valve and mounting clamps</td>
<td>/CYL-9/5K</td>
</tr>
<tr>
<td>0003</td>
<td>Each additional ASME 6000 PSIG cylinder with relief valve and mounting clamps</td>
<td>/CYL-9/6K</td>
</tr>
<tr>
<td>0003</td>
<td>Panel mounted remote fill hose connection. Includes bulkhead fitting, adjustable regulator for up to 6000 PSIG service, gauge, isolation valve and quick connect/disconnect fitting (hose no included)</td>
<td>/RF/REG</td>
</tr>
<tr>
<td>0004</td>
<td>UN4 remote fill hose connection including adjustable regulator for up to 6000 PSIG service, gauge and isolation valve connected to a cabinet enclosed hose reel with 100 feet of hose rated for 6000 PSIG service</td>
<td>UN4/RF/REL-12</td>
</tr>
<tr>
<td>0005</td>
<td>DUAL-FILL, high/low, quick connect fill system (specify fill pressures)</td>
<td>DUAL-FILL/3 position</td>
</tr>
<tr>
<td>0006</td>
<td>TRI-FILL, high/low/SCUBA, quick connect fill system (specify fill pressures)</td>
<td>TRI-FILL/3 position</td>
</tr>
<tr>
<td>0007</td>
<td>Fire Edition paint scheme</td>
<td></td>
</tr>
</tbody>
</table>
INNOVATION
AT YOUR FINGERTIPS
NEWLY REDESIGNED

INCREASED UPTIME QUICKER AND SECURE ACCESS

Our auto cascade system has replaced all operations panel-mounted valves and pressure gauges which help reduce human error when filling SCBA and SCUBA cylinders.

All system controls are within the panel-mounted HMI and include:

› Airstorage controls
› Independent SCBA fill pressures
› Independent SCBA fill speed
› Automatic cascade control system rated for 7000 psi service
› Secure and quicker way to log into the unit with a BAUER key fob

Manual cascade bypass control comes standard to fill cylinders in case of a system power loss.

Optional Features:

› RFID Reader interface, automatically read & records the SCBA fill event in accordance with NFPA 1989 data collection requirements
› Gas-Tek monitoring systems allow you to tailor the system to your departments specific requirements
4- AND 5-STAGE HIGH-PRESSURE BREATHING AIR COMPRESSORS

This game-changing filling station employs our state-of-the-art control system centered around a 15-inch HMI touch screen interface, which allows the operator to manage the entire system from the single-point touch screen. UNICUS®4i has several innovative optional features including BAUER Gas-Tek™ monitoring system, and RFID Reader.

› PRESSURE:
  Up to 6000 PSIG (414 BAR)

› CHARGING RATE:
  13 to 26.4 SCFM (368 to 748 L/MIN)

› POWER:
  10 to 20 HP (7.5 to 15 kW)
STANDARD SCOPE OF SUPPLY

› BAUER breathing air purification system with B-SECURUS
› BAUER 15-inch HMI touch-screen interface
› Solid state auto cascade system
› Compressor low oil pressure and high temperature safety shutdowns
› Emergency stop push button
› Ergonomic system-operations panel
› Ergonomically designed stainless steel fill adaptors with integral bleed valve
› Automatic condensate drain system with non-corrosive condensate reservoir and integrated float sensor and automatic “Full” indication and compressor shutdown
› Two (2) ASME code stamped air cylinders installed in an integral rack designed to hold four cylinders
› NFPA 1901 2016 edition compliant 3 position containment fill station accommodates SCBA or SCUBA cylinders up to 31” overall length

SYSTEM FOOTPRINT

DIMENSIONS L x W x H inches (mm)
› 101” x 38” x 80” (2565mm x 965mm x 2032mm)

WEIGHT pounds (kg)
› 4350 - 4550 lb (1973 - 2064 kg)

*Weights are based on a unit equipped with 4 ASMEs

AVAILABLE ACCESSORIES (FACTORY INSTALLED)

› BAUER Gas-Tek™ CO monitoring system
› RFID Reader which reads and records data from the RFID equipped cylinders
› Hose reel for 100’ of high pressure breathing air hose
› Reg/RF
› Dual Fill/3 position
› Tri Fill/3 position

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>Charging Rate¹</th>
<th>Number of Stages</th>
<th>Motor</th>
<th>FAD²</th>
<th>Purification System</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>SCFM L/MIN</td>
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<td>HP</td>
<td>kW</td>
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¹) Based on recharging an 80 cubic foot tank from 500 to 3000 psig.
²) Compressor capacity referenced to standard inlet conditions. Tolerance +/- 5%

OPTIONAL ACCESSORIES

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<tr>
<th>Item</th>
<th>Description</th>
<th>Part Number</th>
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</thead>
<tbody>
<tr>
<td>0001</td>
<td>BAUER Gas-Tek™ electronic carbon monoxide monitor complete with calibration kit wired for alarm and shutdown. (calibration gas included)</td>
<td>GT/CO/III</td>
</tr>
<tr>
<td>0002</td>
<td>Each additional ASME 5000 PSIG cylinder with relief valve and mounting clamps</td>
<td>/CYL-9/5K</td>
</tr>
<tr>
<td>0003</td>
<td>Each additional ASME 6000 PSIG cylinder with relief valve and mounting clamps</td>
<td>/CYL-9/6K</td>
</tr>
<tr>
<td>0004</td>
<td>Panel mounted remote fill hose connection. Includes bulkhead fitting, adjustable regulator for up to 6000 PSIG service, gauge, isolation valve and quick connect/disconnect fitting (hose no included)</td>
<td>/RF/REG</td>
</tr>
<tr>
<td>0005</td>
<td>UN4 remote fill hose connection including adjustable regulator for up to 6000 PSIG service, gauge and isolation valve connected to a cabinet enclosed hose reel with 100 feet of hose rated for 6000 PSIG service</td>
<td>UN4/RF/REL-12</td>
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<tr>
<td>0006</td>
<td>DUAL-FILL, high/low, quick connect fill system (specify fill pressures)</td>
<td>DUAL-FILL/3 position</td>
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<td>0007</td>
<td>TRI-FILL, high/low/SCUBA, quick connect fill system (specify fill pressures)</td>
<td>TRI-FILL/3 position</td>
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<tr>
<td>0008</td>
<td>Fire Edition paint scheme</td>
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FOR UNICUS® 4i ONLY

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>0009</td>
<td>RFID SCBA Data Logging</td>
<td>RFID4i</td>
</tr>
<tr>
<td>0010</td>
<td>RFID DATA TAGS Each Kit includes 25-each tags</td>
<td>KIT-0557</td>
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<tr>
<td>0011</td>
<td>Cloud Storage for RFIDPro® SCBA cylinder management system. Price based upon number of SCBA’s</td>
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</table>
4-STAGE HIGH PRESSURE BREATHING AIR COMPRESSORS

The 0320-E/D series of compressors are your solution for onshore and offshore applications when an efficient compressor is required for the budget consciousness oil and gas market. Corrosion resistant components, which are assembled and tubed with stainless steel fasteners and fittings, make the 0320-E/D an ideal choice when a robust compressor is required for the extremes of the drilling environment. Enhanced purification and diesel engine upgrades allow us to have third party certification for operations at temperatures up to 55°C (131°F).

› PRESSURE:
  Up to 6000 PSIG (414 BAR)

› CHARGING RATE:
  13 SCFM (368 L/MIN)

› POWER:
  10 to 18 HP (7.5 to 13 kW)
STANDARD SCOPE OF SUPPLY

› BAUER breathing air purification system
› TEFC motor
› NEMA 4 rated electrical enclosure with UL® listed control panel
› Compressor low oil pressure and high temperature safety shutdowns
› Emergency stop push button
› Automatic condensate drain system with non-corrosive condensate reservoir and integrated float switch and automatic “Full” indication and compressor shutdown
› Gauge panel
› Lifting eyes integral to unit frame
› Inlet particulate filter and maintenance indicator
› On/off switch and final air pressure switch
› Powder coated aluminum frame and cabinet enclosure
› 316 stainless steel tubing
› Stainless steel fittings, fixtures and fastening devices
› 3rd party certified for operations at 55°C

AVAILABLE ACCESSORIES (FACTORY INSTALLED)

› CO monitoring system
› SECURUS - Electronic moisture monitoring for the purification system
› H₂S monitoring system with audible alarm

SYSTEM FOOTPRINT

DIMENSIONS L X W X H inches (mm)
› 61” x 37” x 41” (1549.4mm x 940mm x 1041.4mm)

WEIGHT pounds (kg)
› 650 - 750 lb (295 - 340 kg)

DIESEL ENGINE DRIVEN MODELS

› Name plated for operations at 55°C
› Air-cooled diesel
› Electric clutch and speed control solenoid
› Spark arrestor muffler
› Anti-vibration mounts for engine

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>Charging Rate¹</th>
<th>Number of Stages</th>
<th>Motor</th>
<th>FAD²</th>
<th>RPM</th>
<th>Purification System</th>
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<td>kW</td>
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<td>0320-D</td>
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<td>10.8</td>
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<tr>
<td>0320-E</td>
<td>13</td>
<td>368</td>
<td>4</td>
<td>10</td>
<td>7.5</td>
<td>10.8</td>
</tr>
</tbody>
</table>

¹) Based on recharging an 80 cubic foot tank from 500 to 3000 psig.
²) Compressor capacity referenced to standard inlet conditions.
D=Diesel engine driven. E3=Three phase electric, 208/230/460 VAC/60 Hz. Other voltages available on request. Dimensions and weight are approximate and are subject to change.
O26D-ESSM

4-STAGE HIGH PRESSURE BREATHING AIR COMPRESSORS

The O26D-ESSM air-cooled, oil-lubricated, four-stage, four-cylinder, single-acting, reciprocating compressor and purification system that supplies breathing air 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 respirable air. Built on a horizontal aluminum frame designed to be capable of continuous duty operation with temperatures between 40°F and 115°F. All instrument tubing comprises 316 stainless steel, fittings, and fastening devices. The O26D-ESSM has a 27 HP water-cooled diesel engine with an electric start, electrically actuated clutch, and speed control solenoid.

› PRESSURE:
   Up to 6000 PSIG (414 BAR)

› CHARGING RATE:
   26 SCFM (747.56 L/MIN)

› POWER:
   27 HP (20 kW)
STANDARD SCOPE OF SUPPLY

- NEMA 4 enclosure
- On / off selector switch
- Emergency stop
- Final air pressure shutdown
- Warning and alarm indicator lights
  - All lamps are a minimum 22 mm diameter
  - Lamp test function built in
  - Lamps flash code representing fault
- Nonresettable hourmeter
- Oil pressure switch and pressure gauge
- Temperature switch
- Low oil pressure and high-pressure air shutdown switches equipped with DIN type connectors
- Purification system 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
- Built in overtime timer set at 5 hours (optional times available)
- Final separator counter warning and alarm functions
- UL listed panel
- Single pressure switch & air outlet set for 5000 PSI
- Highstar model 82647 air discharge kit
- CO monitoring system
- SECURUS - Electronic moisture monitoring for the purification system
- Name plated for operations at 40°F-115°F
- Water-cooled diesel
- Electric clutch and speed control solenoid
- Spark arrestor muffler
- Anti-vibration mounts for engine

SYSTEM FOOTPRINT

**DIMENSIONS L X W X H inches (mm)**

- 69.875” x 57.5” x 54.25” (1774.75.mm x 1460.5mm x 1377.95mm)

**WEIGHT pounds (kg)**

- 1300 lb (589.67 kg)

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>Charging Rate</th>
<th>Number of Stages</th>
<th>Motor</th>
<th>FAD</th>
<th>RPM</th>
<th>Purification System</th>
<th>Air Processing Capability</th>
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</thead>
<tbody>
<tr>
<td>026-D</td>
<td>26.4</td>
<td>4</td>
<td>27</td>
<td>22.0</td>
<td>1350</td>
<td>P10S</td>
<td>230,000</td>
</tr>
</tbody>
</table>

1 Based on standard inlet conditions.
2 Based on recharging an 80 cu ft cylinder from 500 to 3000 PSIG.
3 Based on an inlet temperature of 70°F.
O26-E3/ESSM

4-STAGE HIGH PRESSURE BREATHING AIR COMPRESSORS

The O26-E3-ESSM air-cooled, oil-lubricated, four-stage, four-cylinder, single-acting, reciprocating compressor and purification system that supplies breathing air 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 respirable air. Built on a horizontal aluminum frame designed to be capable of continuous duty operation with temperatures between 40°F and 115°F. All instrument tubing comprises 316 stainless steel, fittings, and fastening devices. The O26E3-ESSM has a 20 HP T.E.F.C. electric motor with a v-belt drive powering the compressor.

› PRESSURE:  
Up to 6000 PSIG (414 BAR)

› CHARGING RATE:  
26.4 SCFM (747.56 L/MIN)

› POWER:  
20 HP (14.9 kW)
STANDARD SCOPE OF SUPPLY

› NEMA 4 enclosure
› On/off selector switch
› Emergency stop
› Final air pressure shutdown
› Warning and alarm indicator lights - All lamps are a minimum 22 mm diameter - Lamp test function built in - Lamps flash code representing fault
› Nonresettable hourmeter
› Built in overtime timer set at 5 hours - optional times available
› Final separator counter warning and alarm functions
› Full support of SECURUS warning and alarm functions
› Motor overload alarm
› UL listed panel
› Dual pressure switch w/separate outlet ports (3000 PSI/5000 PSI)
› Highstar model 82647 & 82647A air discharge kits for low & high outlet ports
› Securus electronic purification system moisture monitor

AVAILABLE ACCESSORIES (FACTORY INSTALLED)

› Purification System upgrades
› Carbon monoxide monitor with calibration kit
› Audible alarm for all safety shutdowns
› Storage systems
› Fill station

SYSTEM FOOTPRINT

DIMENSIONS L X W X H inches (mm)
› 69.875” x 57.5” x 54.25” (1774.75.mm x 1460.5mm x 1377.95mm)

WEIGHT pounds (kg)
› 1300 lb (589.67 kg)

TECHNICAL DATA

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<thead>
<tr>
<th>Model</th>
<th>Charging Rate(^1)</th>
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<th>Motor</th>
<th>FAD(^2)</th>
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<th>Purification System</th>
<th>Air Processing Capability(^3)</th>
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<td>UP TO 6000 PSI (414 BAR)</td>
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<td>026-E3</td>
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<td>22.0</td>
<td>1350</td>
<td>P10S</td>
<td>230,000</td>
</tr>
</tbody>
</table>

1 Based on standard inlet conditions.
2 Based on recharging an 80 cu ft cylinder from 500 to 3000 PSI.
3 Based on an inlet temperature of 70°F.
ENGINE DRIVEN

4- AND 5-STAGE HIGH-PRESSURE BREATHING AIR COMPRESSORS

The ENGINE DRIVEN compressor for recharging SCBA or SCUBA cylinders combines compressor, purification system, and engine drive. The frame’s rugged design is specific to the requirements of the engine drive/compressor block assembly.

› PRESSURE:  
Up to 6000 PSIG (414 BAR)

› CHARGING RATE:  
13 to 60 SCFM  
(368 to 1700 L/MIN)

› POWER:  
18 to 60 HP (13 to 45 kW)

› H25-D
STANDARD SCOPE OF SUPPLY

- BAUER breathing air purification system with B-SECURUS
- BAUER PLC base controller with four line text display
- NEMA 4 rated electrical enclosure with hourmeter
- Compressor low oil pressure and high temperature safety shutdowns
- Emergency stop push button
- Automatic condensate drain system with non-corrosive condensate reservoir and integrated float sensor and automatic “Full” indication and compressor shutdown
- Interstage pressure gauges
- Electric start package including electric clutch and speed control solenoid
- Closed loop water-cooled diesel

AVAILABLE ACCESSORIES (FACTORY INSTALLED)

- BAUER Gas-Tek™ CO monitoring system
- H₂S monitoring system

SYSTEM FOOTPRINT

H13-K26:
DIMENSIONS L X W X H inches (mm)
▷ 63” x 49” x 46” (1600mm x 1245mm x 1168mm)
WEIGHT pounds (kg)
▷ 1300 - 3750 lb (590 - 1700 kg)

H35-K42:
DIMENSIONS L X W X H inches (mm)
▷ 95” x 52” x 49” (2413mm x 1320mm x 1245mm)
WEIGHT pounds (kg)
▷ 1300 - 3750 lb (590 - 1700 kg)

K60:
DIMENSIONS L X W X H inches (mm)
▷ 112” x 52” x 53” (2845mm x 1346mm x 1320mm)
WEIGHT pounds (kg)
▷ 1300 - 3750 lb (590 - 1700 kg)

AVAILABLE ACCESSORIES (FACTORY INSTALLED)

- BAUER Gas-Tek™ CO monitoring system
- H₂S monitoring system

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>Charging Rate1</th>
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<th>RPM</th>
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<td>1200 P10 B-SECURUS</td>
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</tbody>
</table>

1) Based on recharging an 80 cubic foot tank from 500 to 3000 psig.
2) Compressor capacity referenced to standard inlet conditions.
SCHEDULE 084:
Total solutions for law enforcement, security, facilities management, fire, rescue, clothing, marine craft and emergency/disaster response.

NAICS CODE #333912

Our aesthetically pleasing enclosure encompasses the compressor system from inclement weather and road debris and the heavy-duty frame provides a firm foundation for up to four air storage cylinders. The single axle design enhances mobility with most smaller vehicles.

› PRESSURE:
   5000 PSIG (345 BAR)

› CHARGING RATE:
   26.4 SCFM (748 L/MIN)

› POWER:
   27 HP (20 kW)

› CONTRACT PERIOD:
   09/21/17 - 09/20/22
STANDARD SCOPE OF SUPPLY

› Manufactured in compliance with the National Trailer Manufacturers Association (NATM) guidelines
› NFPA 1901 2016 edition compliant 2 position containment fill station accommodates SCBA or SCUBA cylinders up to 31” overall length
› Unique diesel/electric dual drive system incorporating our exclusive automatic belt tensioning system
› High gloss powder coat paint for a hard durable finish
› Hydraulic surge brakes with breakaway actuator
› Bulk fill pneumatic logic
› Four (4) DOT/UN air storage cylinders with bulk fill pneumatic logic
› Formed structural steel frame designed and built by BAUER
› Hypalon® type cover protection for the operations panel and fill station
› Telescoping light mast with four 500 watt fixtures, snorkel tube for compressor air inlet integrated with light mast and 7500 watt auxiliary generator
› 7.5 kW belt driven generator

AVAILABLE ACCESSORIES

› Spare tire and wheel chocks with fender well storage
› 100 ft. hose reel and interior lights
› 2 5/6” ball hitch
› Please see page 52 for additional accessories / parts

SYSTEM FOOTPRINT

DIMENSIONS L x W x H inches (mm)
› 182” x 94.25” x 103” (4470mm x 2394mm x 2063.75mm)
WEIGHT pounds (kg)
› 5500 lb (2495 kg)

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>Charging Rate</th>
<th>Number of Stages</th>
<th>Motor</th>
<th>FAD²</th>
<th>RPM</th>
<th>Purification System</th>
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1) Based on recharging an 80 cubic foot tank from 500 to 3000 psig.  2) Compressor capacity referenced to standard inlet conditions.  Dimensions and weight are approximate and are subject to change.
A. BAUER COMPRESSOR warranty includes parts and labor 12 Months from date of compressor start-up or 18 Months from date of shipment.
B. Spare parts consisting of normal wear and tear items; e.g., replacement cartridges, valve overhaul kits, gasket kits, belt, oil, inlet filter element, etc. are normal stock items at BAUER NORFOLK, BAUER SAN FRANCISCO, BAUER NORTHEAST and BAUER MIAMI.
TCOM LITE®

4- AND 5-STAGE HIGH-PRESSURE MOBILE BREATHING AIR RECHARGING SYSTEMS

If your needs do not require the amenities of the full-sized TCOM® look to the TCOM LITE®. Designed and manufactured by BAUER for the budget minded customer, the TCOM LITE® utilizes a multi-stage air-cooled compressor coupled to a water-cooled diesel engine (EPA Tier 4 compliant). Our aesthetically pleasing enclosure encompasses the compressor system from inclement weather and road debris and the heavy-duty frame provides a firm foundation for up to four air storage cylinders. The single axle design enhances mobility with most smaller vehicles.

› PRESSURE: 6000 PSIG (414 BAR)

› CHARGING RATE: 13 to 25.2 SCFM (368 to 714 L/MIN)

› POWER: 18 to 27 HP (13.4 to 20 kW)

› TCOM LITE
STANDARD SCOPE OF SUPPLY

› BAUER breathing air purification system with B-SECURUS
› BAUER PLC based controller with four line text display
› NEMA 4 rated electrical enclosure
› Automatic condensate drain system with non-corrosive condensate reservoir and integrated float sensor and automatic “Full” indication and compressor shutdown
› Two (2) 6000 PSIG UN code stamped air cylinders
› NFPA 1901 2016 edition compliant 2 position containment fill station accommodates SCBA or SCUBA cylinders up to 31” overall length
› Unique diesel drive system incorporating our exclusive automatic belt tensioning system
› High gloss powder coat paint for a hard durable finish
› Hydraulic surge brakes with breakaway actuator
› Four (4) bank dual function cascade controls with air direction valve
› Formed structural steel frame designed and built by BAUER
› Hypalon® type cover protection for the operations panel and fill station
› Refill port
› BAUER Gas-Tek™ CO monitoring system with calibration kit
› 2” ball hitch

AVAILABLE ACCESSORIES
(FACTORY INSTALLED)

› Option Package A - Spare tire with cover
› Option Package B - 100 ft hose reel and interior lights
› Option Package C - Lunette eye hitch
› Option Package D - Two (2) additional 6000 PSIG UN code stamped air cylinders
› Option Package E - Two (2) ASME cylinders in lieu of standard Two (2) UN cylinders

SYSTEM FOOTPRINT

DIMENSIONS L x W x H inches (mm)
› 144” x 77” x 72” (3658mm x 1956mm x 1830mm)

WEIGHT pounds (kg)
› 5400 lb (2450 kg)

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>Charging Rate¹</th>
<th>Number of Stages</th>
<th>Motor</th>
<th>FAD²</th>
<th>RPM</th>
<th>Purification System</th>
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¹ Based on recharging an 80 cubic foot tank from 500 to 3000 psig.
² Compressor capacity referenced to standard inlet conditions.

Image shown with additional accessories. Dimensions and weight are approximate and are subject to change.
4- AND 5-STAGE HIGH-PRESSURE MOBILE BREATHING AIR RECHARGING SYSTEMS

When your needs require a rugged trailer built for the fire service, rather than a cheap lightweight imitation, look to BAUER. Our TCOM® TRAILER designs are powered by a unique diesel/electric dual drive system. Each system is equipped with a 2 position containment fill station, an enclosed fill control panel, four ASME storage cylinders and integral SCBA storage for up to twelve SCBA cylinders all incorporated onto a heavy duty frame built by BAUER.

› PRESSURE:
  6000 PSIG (414 BAR)

› CHARGING RATE:
  13 to 25.2 SCFM (368 to 714 L/MIN)

› ELECTRIC MOTOR:
  10 to 20 HP (7.5 to 15 kW)

› DIESEL ENGINE (EPA Tier 4 Compliant):
  27 to 37 HP (20 to 27 kW)
STANDARD SCOPE OF SUPPLY

› BAUER breathing air purification system with B-SECURUS
› BAUER PLC based controller with four line text display
› NEMA 4 rated electrical enclosure with UL® listed control panel
› Automatic condensate drain system with non-corrosive condensate reservoir and integrated float sensor and automatic “Full” indication and compressor shutdown
› Four (4) 6000 PSIG ASME code stamped air cylinders
› Integral SCBA storage for up to twelve (12) SCBA cylinders
› NFPA 1901 2016 edition compliant 2 position containment fill station accommodates SCBA or SCUBA cylinders up to 31” overall length
› Unique diesel/electrical dual drive system incorporating our exclusive automatic belt tensioning system
› High gloss powder coat paint for a hard durable finish
› Hydraulic surge brakes with breakaway actuator
› Four (4) bank dual function cascade controls with air direction valve
› Formed structural steel frame designed and built by BAUER
› Rolled shutter door protection for the operations panel and fill station
› Refill port
› BAUER Gas-Tek™ CO monitoring system with calibration kit
› Lunette eye hitch

AVAILABLE ACCESSORIES (FACTORY INSTALLED)

› Option Package A - Telescoping light mast with four (4) 500 watt fixtures, snorkel tube for compressor air inlet integrated with light mast and 7500 watt auxiliary generator
› Option Package B - Spare tire and wheel chocks with fender well storage
› Option Package C - 100 ft hose reel and interior lights
› Option Package D - 2 5/16” ball hitch
› Option Package E - 100 ½” L x 5 ½” H sign boards

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>Charging Rate¹</th>
<th>Number of Stages</th>
<th>Motor/Engine</th>
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<th>Purification System</th>
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<td>TCOM-13H</td>
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<td>TCOM-25H</td>
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<td>5</td>
<td>20 - 37</td>
<td>15 - 27</td>
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</tbody>
</table>

¹) Based on recharging an 80 cubic foot tank from 500 to 3000 psig.
²) Compressor capacity referenced to standard inlet conditions.

Image shown with additional accessories. Dimensions and weight are approximate and are subject to change.
When your department requires the need for a mobile breathing air truck, look no further than BAUER. For 75 years, BAUER has been the industry leader in high pressure breathing air compressor systems. We start with critical components designed, engineered, and manufactured in our factories. Our sales & engineering staff work closely with your truck manufacturer of choice to ensure the entire system meets your department’s critical needs. Your closest factory authorized BAUER Partner is brought into the equation to maximize customer satisfaction and support with the product after the truck has been delivered to you.

**CUSTOM DESIGNED SYSTEM:**
- Up to 7,000 PSIG
- 13 to 35 SCFM (368 to 1017 l/min) Charging Rate
- 10 to 30HP (7.5 to 22kw)
- Electric and diesel driven
- UN and ASME air storage cylinders
- Custom air flow control panels
- NFPA 1901 Approved, 3rd Party Tested Containment Fill Stations
- Proven performance with over 35 years of experience
STANDARD SCOPE OF SUPPLY

› Skid mounted BAUER multi-stage air-cooled compressor.
› BAUER breathing air purification system with B-SECURUS electronic moisture monitoring system.
› BAUER B-drain automatic condensate drain system with integral skid mounted collection reservoir
› BAUER Gas-Tek™ CO monitoring system with calibration kit
› BAUER PLC based controller with 7” color HMI touchscreen display
› NEMA 4 rated electrical enclosure with UL® listed control panel
› Single Phase & Three Phase Electrical Motor Voltage options
› Soft start electronics to reduce initial start-up load on the truck mounted generator system
› Compressor low oil pressure and high temperature safety shutdowns
› Emergency stop push button
› Stainless steel interconnecting piping
› Air Storage Refill Port

BAUER CFS5.5® FILL STATIONS:

› Designed & Tested to meet NFPA 1901 2016 Edition Standards
› BAUER CFS5.5® fill stations were tested & passed a 5500 PSIG SCBA rupture with 110 cu ft cylinder
› Our standard fill stations can be supplied in a single, two, or three position configurations
› Dual two & three position fill stations are popular with larger fire departments
› Can accommodate many sized steel & Aluminum Dive Tanks
› Remote Mounted HMI Compressor Controls are integrated into our fill station control panels
› Top or Side Mounted DUAL Function Cascade Control Panels
› Air selector valve to select filling “From Compressor / Fill From Storage”
› ABS Risers located in each fill position to ensure proper height of SCBA cylinder within Fill Station
› Custom Fill Control Panels to include High Pressure & Low-Pressure Hose Reel Controls

AIR STORAGE OPTIONS:

› UN DOT cylinders are rate to 6000 PSIG working pressure
› 10 Year retest requirement for UN/ISO Cylinders.
› ASME coded cylinders rated to 7000 PSIG working pressure (3:1 structural safety factor)
› Safety Relief Valve installed on each ASME Cylinder along with moisture drain valve
› All Cylinders are pre-piped with stainless steel tubing within compressor skid package
› Cylinders can be shipped loose for custom installation within truck body
OPEN DESIGNS

4- AND 5-STAGE HIGH-PRESSURE BREATHING AIR COMPRESSORS

Open packages in horizontal or vertical configurations combine compressor and air purification system in a space saving design. These compressors set the standard for larger capacity requirements.

› PRESSURE:
  Up to 6000 PSIG (414 BAR)

› CHARGING RATE:
  35.9 to 145 SCFM
  (1017 to 4106 L/MIN)

› POWER:
  30 to 100 HP (22 to 75 kW)

› K60
### STANDARD SCOPE OF SUPPLY

- BAUER breathing air purification system
- BAUER PLC based controller with 7" color HMI touchscreen display
- NEMA 4 rated electrical enclosure with UL® listed control panel
- Compressor low oil pressure and high temperature safety shutdowns
- Emergency stop push button
- Automatic condensate drain system with non-corrosive condensate reservoir and automatic “Full” indication and compressor shutdown
- Beltguard designed to meet OSHA guidelines
- Soft start and fuse disconnect
- Interstage pressure gauges (locally mounted)

### AVAILABLE ACCESSORIES (FACTORY INSTALLED)

- BAUER Gas-Tek™ CO monitoring system
- B-SECURUS - Electronic moisture monitoring for the purification system (K42V-E3 and K42-E3 only)
- H₂S monitoring system with audible alarm

### TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>Charging Rate¹</th>
<th>Number of Stages</th>
<th>Motor</th>
<th>FAD²</th>
<th>RPM</th>
<th>Purification System</th>
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<td>29.8</td>
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</table>

1) Based on recharging an 80 cubic foot tank from 500 to 3000 psig.
2) Compressor capacity referenced to standard inlet conditions.
3) SECURUS electronic moisture monitoring is not standard.

E3=Three phase electric, 208/230/460 VAC/60 Hz. Other voltages available on request. K/V/H= VERTICAL. K/H= HORIZONTAL. Dimensions and weight are approximate and are subject to change.
CONTAINMENT FILL STATIONS FOR AIR AND OXYGEN

Choose from a complete line of containment fill stations suitable for SCBA or SCUBA cylinders. Whether you need a 3, 2 or single-position fill station, be assured each model was proof tested by an independent lab to safely contain fragments of a ruptured 5500 PSIG 110 cu. ft. SCBA cylinder at maximum operating pressure in accordance with the 2016 Edition of NFPA 1901 and or 1989. Ask about our custom options to tailor a model to your specific requirements.

› FILL POSITIONS:
  - One, two, or three
  - Mobile or Stationary

› CUSTOM DESIGNED SYSTEM:
  - Dual function cascade controls (2 or 3 position)
  - Remote fill outlets

› CFS5.5®-3S/Package A
  Shown with Cascade controls and regulated remote fill
STANDARD SCOPE OF SUPPLY

› Complete with cylinder scuff guard, SCBA fill connection, fill hose and bleed valve
› Fill control panel with adjustable regulator, relief valve, manual control valve and pressure gauge for each fill position (“S” version only)
› CFS5.5® “M” versions designed for use with remote air distribution panel
› Mounting base is standard on “S” version and optional on “M” version
› Convenient door handle actuation
› Bottom venting
› Reduced footprint

SYSTEM FOOTPRINT

CFS5.5®-1S & OXY-1S:
DIMENSIONS L X W X H inches (mm)
› 18” x 21” x 55” (457mm x 533mm x 1397mm)
WEIGHT pounds (kg)
› 433 lb (196 kg)

CFS5.5®-1M & OXY-1M:
DIMENSIONS L X W X H inches (mm)
› 18” x 21” x 39” (457mm x 533mm x 990mm)
WEIGHT pounds (kg)
› 360 lb (163 kg)

CFS5.5®-2S & OXY-2S:
DIMENSIONS L X W X H inches (mm)
› 30” x 21” x 57” (762mm x 533mm x 1448mm)
WEIGHT pounds (kg)
› 670 lb (304 kg)

CFS5.5®-2M & OXY-2M:
DIMENSIONS L X W X H inches (mm)
› 30” x 21” x 39” (762mm x 533mm x 990mm)
WEIGHT pounds (kg)
› 550 lb (249 kg)

CFS5.5®-3S:
DIMENSIONS L X W X H inches (mm)
› 41” x 21” x 57” (1041mm x 533mm x 1448mm)
WEIGHT pounds (kg)
› 905 lb (411 kg)

CFS5.5®-3M:
DIMENSIONS L X W X H inches (mm)
› 41” x 21” x 39” (1041mm x 533mm x 990mm)
WEIGHT pounds (kg)
› 740 lb (336 kg)

*All components in Oxygen stream are Oxygen cleaned in compliance with A.S.T.M. Standard G-93.
Dimensions and weight are approximate and are subject to change. Images shown with additional accessories.
UN AND ASME STORAGE SYSTEMS

BAUER high pressure air storage systems meet the code requirements of both the United Nations Model Regulations and the American Society of Mechanical Engineers. Storage cylinders and storage systems are offered for 5000, 6000 and 7000 PSIG applications. Optional mounting racks are available.

› PRESSURE:
  5000 PSIG (345 BAR)
  6000 PSIG (414 BAR)
  7000 PSIG (476 BAR)

› CONFIGURATION:
  Vertical
  Horizontal

› STORAGE:
  Bulk
  Bank
REFERENCE ASY-0759 FOR VERTICAL CONFIGURATIONS
AND ASY-0758 FOR HORIZONTAL CONFIGURATIONS

**TYPICAL SYSTEMS SHOWN BELOW**

- **UN STORAGE**
- **ASME STORAGE**

<table>
<thead>
<tr>
<th>Model</th>
<th>Weight 2-Cylinder Rack</th>
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<tbody>
<tr>
<td>UN 5000</td>
<td>475 lbs, 215 kg</td>
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<tr>
<td>UN 6000</td>
<td>525 lbs, 238 kg</td>
</tr>
<tr>
<td>ASME</td>
<td>935 lbs, 424 kg</td>
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</table>

- **BULK STORAGE SYSTEM**
  ASME 4/BANK

- **FOUR BANK CASCADE STORAGE SYSTEM**
  ASME 4/BANK/1-1-1-1
The BAUER Charge Rate Controller (CRC™) has been designed to automatically fill SCBA and SCUBA cylinders to their maximum allowable pressure as well as allow the operator performing the fill to control the charge rate avoiding hot fills and maximize stored air in the cylinders.

**BENEFITS:**

▷ **Reduce complexity** - No more fidgeting with dials; the BAUER CRC™ automatically charges SCBA and SCUBA cylinders to the right pressure with the push of a button.

▷ **Avoid “hot fills”, maximize stored air** - Filling SCBA or SCUBA cylinders too fast will decrease the stored air in the cylinder when the cylinder cools down after charging. The BAUER CRC™ avoids this by controlling the rate of charge.

▷ **Allows for three different charge rate settings with the push of a button**

▷ **Can be adapted to existing BAUER compressor systems**

**OPERATION:**

The BAUER CRC™ makes automatic filling of an SCBA or SCUBA cylinder easy with these three steps:

▷ **Step 1:** From the main menu select the SCBA or SCUBA cylinder you wish to fill

▷ **Step 2:** Select the desired charge rate from one of three options: Normal, Hot Fill or Custom

▷ **Step 3:** Press “Start Fill”
FEATURES

- PLC controlled with color HMI touchscreen
- Select from up to 10 customizable SCBA or SCUBA cylinder configurations, each with their own name designation and max fill pressure
- Select from up to three customizable charge rates
- Fill rate is accurately controlled with BAUER’s proprietary technology
- Compatible with cascade storage and containment fill stations
- Field retrofit to existing BAUER compressor systems
- Easy installation: wall mountable; requires only two high pressure hose connections and plug-in 110V power

SYSTEM SPECIFICATIONS

DIMENSIONS L x W x H
- 7.5” x 21” x 26” (190.5mm x 533.4mm x 660.4mm)

WEIGHT
- 40 lbs (18 kg)

MAXIMUM INLET PRESSURE
- 6000 PSIG (414 BAR)

MAXIMUM FILL PRESSURE
- 5500 PSIG (379 BAR)

HIGH-PRESSURE CONTROL PRESSURE PORT:
- 1/4” NPT female

HIGH-PRESSURE FILLING INLET PORT:
- 1/4” NPT female

HIGH-PRESSURE FILLING OUTLET PORT:
- 1/4” NPT female
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. Recognizing that filtration systems are unfortunately one of the most often overlooked systems, BAUER always utilizes the highest quality components to protect the system operator. Every BAUER high-pressure breathing air purification system final separator, from the P41 to the P10, is manufactured from high-strength chromium steel alloy, which never requires hydrotesting! All BAUER 6,000 PSI purification chambers are manufactured from a high-strength aluminum alloy that satisfies the 4:1 structural safety factor requirements specified within NFPA-1901 and NFPA-1989 codes. Our purification systems can also be retrofitted for integration into most brands of high-pressure breathing air compressor systems manufactured today!

› WORLDWIDE LEADER:
  - Compressors
  - Purification and filtration

› ANODIZED ALUMINUM FILTER CARTRIDGE:
  - Filter cartridge end caps are machine crimped
  - Eliminating glues/friction welding

› ANODIZED ALUMINUM FILTER CHAMBERS:
  Each chamber and plug assembly are serialized to assure system traceability

Images shown may have optional features.
PROTECTING YOUR HEALTH IS OUR NUMBER ONE PRIORITY

Science has shown that viruses and bacteria can spread rapidly over great distances through aerosol dispersion. Mixed in the ambient air, they can pass through any commercially available standard air purification system which is part of the typical breathing air compressor system. Even the high temperatures and pressures of a typical high-pressure breathing air compressor have little effect on viruses and bacteria because of their short-duration exposure to the process.

The new BAUER B-VIRUS FREE® breathing air filtration system (patent-pending) inactivates up to 99.9% of viruses including coronaviruses, bacteria, and molds at the air intake section of your BAUER breathing-air-compressor. The system is designed to protect firefighters, divers, hazardous-location-workers, military personnel, or anyone who breathes compressed breathing air through SCBA or SCUBA cylinders. EPA Est. No. 100175-VA-1

INTAKE PARTICULATE FILTER
Underpressure in the compressor draws in air through the intake filter opening. Normal dust particles and even pollen are removed from the air by the intake filter.

UV PURIFICATION
The specially designed UV light source emits high-energy UVC radiation that destroys the molecular bonds in the DNA of bacteria and molds and in the RNA of viruses. This prevents the pathogens from reproducing.

OZONE FREE
The B-VIRUS FREE® filter system produces no harmful ozone.

CONTROL AND DISPLAY
The control unit of the B-VIRUS FREE® protective filter system monitors functions and controls the UV light source. Operational status information is provided by visual (LED) and acoustic signals.

CONNECTION TO COMPRESSOR
The B-VIRUS FREE® protective filter system is connected to a specially sealed intake hose, which eliminates any potential new contamination from leaks between the protective filter and the compressor block.
EFFECTIVE INACTIVATION OF CORONA VIRUSES, BACTERIA AND MOLDS

Free of chemicals and ozone, the B-VIRUS FREE® system uses a specially designed UVC light source to destroy the pathogens before the intake air section of the compressor. The highly effective wavelength in the B-VIRUS FREE® system is absorbed by the pathogens’ DNA, where the photons destroy the bonds between the DNA strands of the viruses, bacteria, and mold spores and effectively prevent them from reproducing.

LOW MAINTENANCE, LOW OPERATING COSTS

The B-VIRUS FREE® compressor intake air filter system has long maintenance intervals to keep operating costs down. The filter does not require replaceable filter cartridges. The UVC light source has an extremely long service life of approx. 2,000 hours and is simple to replace.

EASY INTEGRATION INTO YOUR BAUER COMPRESSOR SYSTEM

The B-VIRUS FREE® compressor intake air filter system can be ordered for any new model BAUER VERTECON®, VERTICUS®, BAUER LEGACY®, and UNICUS® 4 S & 4I breathing air compressor systems. B-VIRUS FREE® will also be available as a retrofit kit for older BAUER breathing air compressor systems.

TECHNICAL DATA

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<tr>
<th>Application</th>
<th>Values</th>
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<td>Pressure Range</td>
<td>Atmospheric Intake Air</td>
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<tr>
<td>Compressor Charge Rate Range</td>
<td>3.5-30 scfm (100 - 850 l/min)</td>
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<tr>
<td>Functions</td>
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<td>Required Warm-Up Time</td>
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<td>Visual Indicators</td>
<td>Warm-up/Normal/Fault</td>
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<td>Audible Signal</td>
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<td>Technical Data</td>
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<td>Permissible operating temperature range</td>
<td>+41°F(+5°C) to +105°F (+40°C)</td>
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<td>Operating voltage</td>
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<td>UV lamp service life</td>
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<td>Weight filter unit</td>
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<td>Weight control box</td>
<td>approx. 12.5 lbs (5kg)</td>
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<tr>
<td>Dimensions W x D x H</td>
<td>36x10x18 in (905x250x450 mm)</td>
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</table>

The B-VIRUS FREE® filter eliminates up to 99.9% of coronaviruses, bacteria and certain molds from intake air.
For over 75 years, BAUER has been the leader in breathing air products for firefighters. So we understand that every wasted minute leads to injury, smoke exposure, or worse. That’s why we developed BAUER CONNECT® IoT Solutions for Firefighting — our all-in-one, mobile telemetry solution for optimal ease-of-use and efficiency. Now you can view your SCBA fill data logs, get notifications about your compressor, and remotely control and monitor your BAUER compressor. The best part is that BAUER CONNECT® can be tailored to fit your station’s needs.

BAUER CONNECT®— Connection that matters.

**Security Features:**
- Multiple logical & physical security layers
- Privilege and separation rights
- AI/ML threat assessment & analysis
- Transport layer encryption and encryption at rest
- Extensive logging and monitoring of network, system and application events

To sign up and register go to Signup: Bauer-Connect.com
BAUER CONNECT® FUNCTIONS OVERVIEW

BAUER REPORTS

BAUER Reports is a function that generates custom reports tailored to the specific needs of the customer.

SCBA Management Report
- Generate a report per NFPA 1989 data logging requirements
- Show when your cylinders were last filled and by who etc.
- Fill Status Warning: Lists the SCBA the cylinder in inventory that have not been filled within the year
- Fill activity: Lists the SCBA cylinders serial number, Person filling, RFID serial, cylinder pressure and dates of fill
- Personnel: List or edit admin, users with privilege to log in to BAUER CONNECT®

Compressor Reports
- Temperature Trendline Report: Reports ambient temperature as well as temperature of every stage in the compressor

BAUER REMOTE HMI

- Live connect and remotely control any BAUER compressor(s) in your station
- Secure log-ins - Only approved team members can access and control your compressor system
- Saves time and money with instant control no matter your location

MOBILE DASHBOARDS

- Quick reference of all of your BAUER compressors at your fingertips
- Does not require password validation every time app is used
- Total visual without the Remote HMI control capability (view-only option)
- Dashboards can be customized to specific customer needs

NOTIFICATIONS

- Fault on machine
- Out of Date or Expired SCBA or SCUBA Cylinders
- Text, email or push notification alarm(s)
- Allows for instant, proactive steps to be taken if needed

BAUER PREDICTIVE ANALYTICS

The BAUER Predictive Analytics capability provides a new proactive dimension to perpetually maintaining customers’ compressor systems at peak conditions with minimum downtime. BAUER’s Predictive Analytics algorithm uses artificial intelligence to analyze the collected breathing air system information on the BAUER Cloud to predict upcoming maintenance requirements and preventive actions to avoid unplanned shutdowns.

## QUICK REFERENCE GUIDE

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<th>Gauges</th>
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| **VERTICUS®**  |        |     |        |              |              |                  |               |        |         |               |                |                  |
| VAC05-E1/E3    | IK100-420 | S   | S      | P2S          |              |                  |               |        |         |               |                | 6000 PSIG         |
| VAC08-E1/E3    | IK120II  | S   | S      | P2S          |              |                  |               |        |         |               |                | 6000 PSIG         |
| VAC10-E1/E3    | IK12.14  | S   | S      | P2S          |              |                  |               |        |         |               |                | 6000 PSIG         |
| VAC13-E1/E3    | IK12.14  | S   | S      | P2S          |              |                  |               |        |         |               |                | 6000 PSIG         |
| VAC18-E3       | IK15.11  | S   | S      | P5S          |              |                  |               |        |         |               |                | 6000 PSIG         |
| VAC20-E3       | IK180II  | S   | S      | P5S          |              |                  |               |        |         |               |                | 5000 PSIG         |
| VAC25-E3       | IK18.1II | S   | S      | P5S          |              |                  |               |        |         |               |                | 6000 PSIG         |
| VAC26-E3       | IK12.18II| S   | S      | P5S          |              |                  |               |        |         |               |                | 5000 PSIG         |

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S standard  O optional  — option not available
QUALITY AND RELIABILITY
Our factory-original replacement parts ensures when maintenance or repair is performed, you are restoring the unit to its original specifications and performance.

1. Purification
2. Gaskets and Seals
3. Lubricants
4. Fill Hose and Assemblies
5. Valves
6. Air Intake Filters
7. All 10,000+ Parts

COMPATIBILITY
We configure our designs with interchangeability and our end user in mind. You can count on parts being available for all BAUER models.
PartsSales@BauerComp.com or 1-(844)-500-5822

TRAINING
BAUER COMPRESSORS INC. offers a variety of on site & off site Training Schools. Our on site classes are held at our BAUER Training Facility and are taught by the same people that help manufacture, test and service our products. From electrical systems to hands-on break downs, we cover all areas of compressor operation.

TRAINING TOPICS
Basic mechanical theory, control system theory (electric and pneumatic) along with troubleshooting for all BAUER systems.

Class schedule and course registration at:
www.BauerCustomerTraining.com
SERVICE AND SUPPORT
Our compressors are designed with you in mind. Easy to use manuals guide you through clear, mechanically accessible repairs. Our worldwide distribution network was developed to assist in after-sales support, along with product and maintenance parts assistance.

MECHANICAL & ELECTRICAL
Total customer satisfaction is our top priority. BAUER provides 24-7 phone tech and troubleshooting support at our BAUER Helpdesk. Our support continues throughout our warranty period and beyond.

For BAUER Helpdesk please email: CustomerService@BauerComp.com or call at: +1 (844)-500-5822