

## Compressors for use in IDLH and Hazardous Environments

### COMP-3EA™ Breathing Air Compressor System

**Designed for use with Pressure Demand Respirators Only**

#### The Auto-Air™ Compressor System Package

This compressor system is designed to provide automatic back-up air for up to 3 workers in the event of compressor failure. An optional 60 or 87cf cylinder can be installed on the compressor frame to provide additional egress air.

The package consists of the Auto-Air™ Breather Box™ model BB30-COAA, the TA-3EA compressor supplied with a CGA-347 high pressure reducing regulator, primary and secondary hoses. NIOSH requires the use of a 5 minute airline escape respirator when working in IDLH environments. Our Auto-Air™ feature does not replace the NIOSH requirement, however, some work environments may require longer than a 5 minute airline hip bottle to safely egress the hazardous area.

**This compressor is not designed for use with constant flow respirators or Vortex cooling tubes.**



BB30-COAA  
Auto-Air™  
Breather Box™

TA-3EA  
Compressor

Model No.	Description
TA-3EA	Twin-Air™ Compressor System: Includes TA-3 with an adjustable high pressure (5000psi) regulator for attachment to a CGA-346 or CGA-347 cylinder, bottle strap, and cylinder protection molding.
COMP-3EA	Package system includes: Model TA-3EA compressor, H-10-5 (1/2" x 10') hose, H-10-3 (3/8" x 10') hose, high pressure regulator, and BB30-COAA Breather Box™ (order reserve air cylinder separately).
AC-60	60cf aluminum cylinder - 2400psi rated
AC-87	87cf carbon fiber cylinder - 4500psi rated
BBK-20	Calibration kit for CO monitor - 20ppm CO, zero air, regulator and case - 17 liter size disposable cylinders
BBK-10	Calibration kit - same as above with 10ppm CO gas for Canadian calibration
BB30-FK	Replacement filter kit



Model No.	Description
TA-3EXP	Twin-Air™ Compressor, 2 HP explosion-proof electric, 230/3VAC, on-off switch, no plug, user wired per NEC requirements


**Note: Size the reserve air system to achieve the required egress time**



## Explosion-Proof Auto-Air™ Compressor

**Designed for use with Pressure Demand Respirators Only**

### Specifications:

- 110 psi output air pressure, 3 couplings supplied
- Explosion-proof electric motor - 230 VAC, 3 phase
- Explosion-proof on/off switch
- 25 ft. power cord, no plug, user wired per NEC requirements
- 3-worker operation - pressure demand respirators only
- Full automatic back-up air feature, up to 4500 psi capability
- Pneumatic visual indicator and audible alarm for system failure
- Grade-D, 3-stage filtration with 30 cfm flow capacity
- Twin-Air™ tank design for cool breathing air output, ASME coded
- Intrinsically safe carbon monoxide monitor,  approved for 9-volt DC operation in Class 1, DIV. 1, Groups C and D Environments
- Holds one SCBA cylinder up to 4500 psi back-up air
- Steel air control panel with high pressure regulator
- Pneumatic 10" tires

**This compressor is not designed for use with constant flow respirators or Vortex cooling tubes due to low output pressures.**

Grade-D, 3-stage Filtration   
Approved Intrinsically Safe Carbon Monoxide Monitor



TA3-AXAF

Model No.	Description
TA3-AXAF	Explosion-proof compressor includes: Grade-D filtration, air control panel with CO monitor, 25 ft. power cord, user wired per NEC requirements. Reserve air cylinders sold separately.
AC-60	60cf aluminum cylinder - 2400 psi rated
AC-87	87cf carbon fiber cylinder - 4500 psi rated
BB15-FKW	Replacement Filter Kit
BBK-20	Calibration kit for CO monitor - 20 ppm CO, zero air, regulator and case - 17 liter size disposable cylinders
BBK-10	Calibration kit - same as above with 10 ppm CO gas for Canadian calibration

**Note: Size the reserve air system to achieve the required egress time**



[Air Systems International COMP-3EA Twin-Air Compressor](#)  
[Air Systems International TA-3EA Twin-Air Breathing Compressor](#)  
[Air Systems International TA3-AXAF Auto Air Compressor](#)