

COMP-3™ Breathing Air Compressor System

The COMP-3™ Twin-Air™ Compressor system is designed to provide Grade-D breathing air for up to 3 workers wearing only pressure demand respirators. The TA-3 compressor has Twin-Air™ ASME receiver tanks which provide air cooled to within 10 degrees of the ambient temperature.

Key Details for TA-3 Compressor:

- Rotary vane air compressor
- Pressure range to 110 psi output
- 2 HP electric motor, 1750 rpm continuous duty – thermally protected
- 115/230 VAC, 1-phase, 60 Hz, 17.2 amps (requires 20 amp service)
- Low maintenance - 500 hours between oil changes
- Automatic pressure unloading - full modulation air control
- Noise level below 70 dBA at 3 feet
- USDA approved food grade oil in compression end
- 10" pneumatic tires
- Built-in skid plate for stair climbing
- ASME coded 8 gallon Twin-Air™ tank assembly, 8.5 cf air storage @ 110 psi
- Breather Box® Grade-D filtration package supplied with COMP-3 package
- Weight: 150 lbs



COMP-3™ System
TA-3 Compressor &
BB30-CO Breather Box®

COMP-3™ System & Components

Item No.	Description
COMP-3	TA-3 Twin-Air™ Compressor, 115/230 VAC, 1 phase, 2 HP, 20 amp, ½" x 10' connect hose, and BB30-CO3 Breather Box®, 3 respirator fittings
TA-3	Twin-Air™ Compressor, 115/230 VAC, 1 phase, 60 Hz, 2 HP, 20 amp. 1-3 workers See Page 6 for Breather Box® options for Grade-D Air
TA-3EXP	Twin-Air™ Compressor, 2 HP explosion-proof electric, 230/3 VAC only, 3 phase, no plug, user wired per NEC requirements. Explosion-proof plugs sold on page 64. See Page 6 for Breather Box® options for Grade-D Air
BB30-FK	Replacement filter kit for BB30-CO3 Breather Box®

Do not use with constant flow respirators or vortex cooling tubes.

Calibration kits available on page 22



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

The COMP-3EA™ Compressor System includes an Auto-Air™ Breather Box®, model BB30-COAA, the TA-3EA compressor supplied with a CGA-347 high pressure reducing regulator, primary hose, and secondary hose. An optional 60 or 87 cf cylinder can be installed on the compressor frame to provide additional egress air. The COMP-3EA™ system is designed for pressure demand respirators only.

COMP-3EA™ Compressor System & Components

Item No.	Description
COMP-3EA	TA-3EA compressor, ½" x 10' hose, ¾" x 10' hose, high pressure regulator, and BB30-COAA Auto-Air™ Breather Box®
TA-3EA	TA-3 Twin-Air™ Compressor with adjustable high pressure (5000 psi) regulator for attachment to a CGA-346 or CGA-347 cylinder and cylinder strap. See Page 6 & 14 for Breather Box® options for Grade-D Air
BB30-FK	Replacement filter kit for BB30-COAA Breather Box® Reserve Air Cylinders
AC-60	60 cf CGA-346, 2216 psi, aluminum, DOT/TC/ISO/UN
AC-87	87 cf CGA-347, 4500 psi, fully wrapped carbon fiber, DOT/TC approved

Do not use with constant flow respirators or vortex cooling tubes.

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

Calibration kits available on page 22

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. Some work environments may require a 30 minute (or longer) airline escape method to safely egress the hazardous area. This situation would require the use of an Auto-Air™ Breather Box® or Auto-Air™ Cart with reserve air cylinder.



COMP-3EA™ System
TA-3EA Compressor and an
Auto-Air™ Breather Box®

