

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 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, 60Hz, 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
- Weight: 150 lbs.
- Breather Box® Grade-D filtration package supplied with COMP-3



COMP-3™ System
TA-3 Compressor & 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
TA-3EXP	Twin-Air™ Compressor, 2 HP explosion-proof electric, 230/3 VAC, no plug, use wired per NEC requirements. Explosion-proof plugs available on page 66.
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 30



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, and primary / secondary hoses. 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 & Components

Item No.	Description
COMP-3EA	TA-3EA compressor, ½" x 10' hose, ¾" x 10' hose, high pressure regulator, and BB30-COAA 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
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 30

NIOSH requires the use of a 5 minute airline escape respirator when working in IDLH environments. Our Auto-Air™ feature does not replace this NIOSH requirement, however, some work environments may require longer than 5 minutes to safely egress the hazardous area.



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

