

COMP-3™ Breathing Air Compressor System



The Twin-Air™ Compressor system is designed to provide Grade-D breathing air to 3 workers wearing pressure demand respirators. The TA-3 has twin ASME receiver tanks that act as the mounting frame for the compressor. The use of the receiver tanks provides air that has been cooled to within 10 degrees of the ambient temperature. We've added pneumatic tires for ease of mobility in rough terrain and a bottom skid plate for going up and down stairs. This plate becomes the frame for the addition of a reserve air cylinder on the model TA-3EA.

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

Designed for use with Pressure Demand Respirators Only

TA-3 Compressor Specifications

- Rotary vane air compressor rated for continuous duty
- 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
- 10" pneumatic tires
- 50,000 hour minimum vane life
- Built-in skid plate for stair climbing
- USDA approved food grade oil in compression end
- Automatic pressure unloading - full modulation air control
- Breather Box™ Grade-D filtration package required
- Noise level below 70 dbA at 3 feet
- 8 Gallon Twin-Air™ tank assembly, 8.5 cf air storage @ 110 psi, ASME coded
- 1/2" 5000 series Hansen style coupling on air outlet
- Optional explosion-proof motor (230/3 VAC only), MODEL TA-3EXP, see page 18
- Dimensions: 46" L x 24" W x 22" H
- Weight: 150 lbs



Did You KNOW?

All compressors MUST be placed in a clean air environment per OSHA 1910.134

Model No.	Description
TA-3	Twin-Air™ Compressor, 115/230 VAC, 1 phase, 2HP, 20amp
COMP-3	Package system includes: Model TA-3 compressor, H-10-5 (1/2" x 10') connect hose, and BB30-CO3 Breather Box™ filtration package, 3 respirator fittings
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 10ppm CO gas for Canadian calibration
BB30-FK	Replacement filter kit

COMP-1™ Breathing Air Compressor System

Designed for use with Two Pressure Demand Respirators Only

The TA-1 compressor has been designed to operate 1 or 2 pressure demand airline respirators. Grade-D filtration must be provided in the form of a 1 or 2 worker Breather Box™. The TA-1 uses a 115/230 VAC 60Hz electrical supply. Model TA-3G uses a gasoline engine for mobile operations. USDA food grade oil is used in the compressor air end.



Model No.	Description
TA-1	Electric compressor, 1-2 worker, 115 VAC
TA-3G	Gasoline compressor, 1-2 worker with remote intake snorkel
COMP-1	Grade-D compressor package includes: TA-1 compressor, BB15-CO Breather Box™, H-25-3 connect hose
COMP-2	Same as COMP-1 with the addition of Model BB15-CO2, 2-outlet Breather Box™

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

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[Air Systems International COMP-3 TA-3 Breathing Air Compressor](#)

[Air Systems International COMP-1 TA-1 Breathing Air Compressor](#)

[Air Systems International COMP-2 TA-1 Breathing Air Compressor](#)

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