

# DistributionNOW SAFETY SERVICES

## Kodiak Breathing Air Compressor Trailer



DistributionNOW's Kodiak breathing air system is a cost-effective solution for breathing air requirements.

The Kodiak is a low-pressure (132 psi) breathing air compressor system that delivers 400 SCFM of Grade D breathing air after filtration. Inlet air is monitored for CO<sub>2</sub>, LEL CO, and H<sub>2</sub>S. Breathing air is continuously monitored for O<sub>2</sub>, CO, CO<sub>2</sub>, and moisture via a fixed, multi-channel analyzer.

Twin air filter/dryer towers deliver the Grade D breathing air to two 240 gallon tanks (480 gal total), which act as storage/buffer to smooth the supply of air downstream to air storage pots, manifolds, and respirators.

### FEATURES

The Kodiak breathing air system provides up to 400 SCFM with a back-up connection to 12 packs or a tube trailer. The two compressors can be run independently from one another or in tandem. When running independently the second compressor automatically starts if the first compressor fails. If both compressors shut down or pressure drops below 120 psi, a pressure regulator diverts air from the back-up connection to ensure that users have adequate air supply.



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### BENEFITS

DistributionNOW's system provides a safe, efficient, and cost-effective breathing air supply. It eliminates the requirement of constantly moving large tube trailers in and out of the site, which can cause work stoppage and safety issues related to moving vehicles when contractors are working.

### SPECIFICATIONS:

- 16 ft. enclosed trailer with swing doors and ramp
- Man-door on front right side
- Trailer dimensions: 17 ft. 6 in. (20 ft. with ramp down) X 8 ft. 6½ in. X 8 ft. (LxHxW)
- Two compressors, 220 SCFM at 132 psi
- Emergency crossover valve system
- Twin regenerative dryer/filtration towers
- Multi-gas analyzer for O<sub>2</sub>, CO, CO<sub>2</sub>, and moisture with audible and visual alarms
- Two 240 gallon receivers for air storage
- Voltage: 460 VAC/3/60 Hz, 200 amp

### COST ANALYSIS EXAMPLE

*50 workers @ 4 SCFM, working  
8 of 12 hours per shift, for 2 shifts  
192,000 SCFM per day would  
require 1.5 tube trailers per day  
Cost would be approximately  
\$4,250 for air each day for  
tube trailers*



*Twin dryers*

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