



THE COOL-BOX™

Portable Cooling Air Distribution Manifold

Heat Stress Prevention

When temperatures go up, production goes down.
In extreme temperatures, heat stress is a major concern.

Under strenuous conditions, the body can overheat while wearing an airline respirator, increasing the chance for heat related injuries. Heat exhaustion and heat stress can result in fatigue, exhaustion, heat stroke, cramps, fainting and rashes. In most cases, heat related injuries can be prevented while increasing a worker's safety and productivity.

The COOL-BOX™ is ideal for cooling Level "A" chemical suits, air supplied hoods, and cooling vests. The COOL-BOX™ also provides better cooling than a hip-mounted vortex cooling tube without the high discharge heat and noise. Vortex tubes can also create ambient dust issues in the work place.

The COOL-BOX™, provides 50°F output air temperature at the end of 25 feet of air line hose with input temperatures up to 180°F. Designed and engineered for less than 2 psi pressure drop in the system with flow capacities to 75 cfm.



Immediate respirator air cooling!

Note: Output temperatures may vary depending on ambient conditions, the type of respirator used, and length of hose

Applications

- Painting or Blasting
- Confined Space
- Utility Companies
- Maintenance
- Construction
- Level A Hazmat Suits



Cooler color may vary

Operates with any airline mask or hood style respirator, including level "A" chemical suits & abrasive blasting hoods.

**Air Systems International is the Industry Leader in
Grade-D Breathing Air Filtration & Confined Space Ventilation**

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Can be used as a Point of Attachment (POA) when not used for cooling!

Key Details:

- 50°F output air temperature with input up to 180°F
- Cool Grade-D breathing air when used with a Breather Box®
- Easy to use and maintain - manual drain provided
- Aluminum jacketed tubing, USDA approved
- 30 lbs of ice provides up to 4-6 hours of cooling
- NIOSH point-of-attachment and cooling in one system
- Operates with any airline mask or hood style respirator, including level "A" chemical suits & abrasive blasting hoods
- **Standard COOL-BOX™** for use with all airline respirators (20-120 psi) supplied with Grade-D air
- **Low pressure COOL-BOX™** for use with ambient air pumps, 0-20 psi maximum



The Cool-Box™

| Model No. | Description |
|------------|--|
| BACB-196 | Standard Cool-Box™ with 1/4" Hansen or Schrader style fittings, rated to 125 psi maximum inlet pressure |
| BACB-196LP | Low pressure Cool-Box™ with 1/4" Hansen or Schrader style fittings. Designed specifically for use with ambient air pumps (0-20 psi maximum), low pressure air pump conversion kit (BACB-196K) included. |

www.AirSystems.com

Air Systems International, Inc.

Email: sales@airsystems.com

Catalog Request: catalog@airsystems.com