



# 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.

## Applications

- Painting
- Sand Blasting
- Tank Cleaning
- Confined Space
- Utility Companies
- Welding
- Maintenance



Cooler color may vary

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

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***

# THE COOL-BOX™

## Portable Cooling Air Distribution Manifold

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

#### Key Details

- Provides NIOSH point-of-attachment components & cooling in one system
- 50°F output air with input temperatures up to 180°F
- 20 lbs. of ice provides up to 4 hours of cooling
- Easy to use and maintain - just add ice as needed!
- Low cost cooled breathing air
- Aluminum jacketed tubing, USDA approved
- 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
- Low pressure **COOL-BOX™** for use with ambient air pumps, 0-20 psi maximum
- Standard **COOL-BOX™** for all airline respirators 20-120 psi supplied with Grade-D air



Cooler color may vary



Just add ice for immediate respirator air cooling!

#### The Cool-Box™

Model No.	Description
BACB-196	Standard <b>Cool-Box™</b> with 1/4" Hansen or Schrader style fittings, rated to 125 psi maximum inlet pressure
BACB-196LP	Low pressure <b>Cool-Box™</b> 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.

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