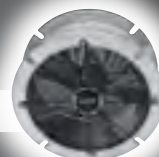


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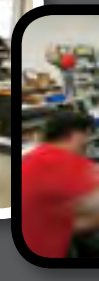
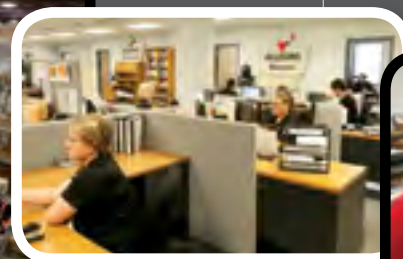
**ALLEGRO®**  
I N D U S T R I E S



S A F E T Y P R O D U C T S



**GROWING TO BETTER SERVE YOUR NEEDS** This year marked a major milestone for Allegro Industries, as we moved our company from Southern California to South Carolina to accommodate our significant growth and better serve our customers. Our new 50,000 square-foot custom-built facility has vastly improved our manufacturing capabilities, order processing speed and streamlined the way we do business. **OUR NEWEST INNOVATIONS** In this catalog, you'll find our newest product offerings that feature the most innovative technologies and materials—providing your team with the tools to keep them safe in your work environment. **UNSURPASSED SERVICE** Our customer service specialists are ready to assist you with any questions you may have—from helping you select the right products to assisting you with setup and training. Our goal is to get you the answers you need and surpass your expectations every time you contact us. **STAYING CONNECTED** We invite you to visit our website at [allegrosafety.com](http://allegrosafety.com) where you'll find product selection tools and video tutorials that will help guide you in using our products. There you will also find product photos, parts listings, MSDS specification sheets and all the product information you will need. Find us on Facebook and follow us on Twitter @AllegroInd for the most up-to-date news regarding Allegro and to be the first to learn about new product launches. **WWW.ALLEGROSAFETY.COM**







CELEBRATING



OF EXCELLENCE IN SAFETY

For Warranty information, refer to your owner's manual  
or visit our website and click the link for Warranty.

[WWW.ALLEGROSAFETY.COM](http://WWW.ALLEGROSAFETY.COM)



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**DELUXE SUPPLIED  
AIR SHIELD / HELMET**

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**DELUXE SUPPLIED AIR SHIELD  
AND WELDING HELMET**

PAGE 20



**ECONOMY SUPPLIED  
AIR SHIELD AND WELDING HELMET**

PAGE 20



**NOVA 3®  
BLASTING HELMET**

PAGE 18



**12" PLASTIC AXIAL  
BLOWER SYSTEM**

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**12" MANHOLE VENTILATION  
PASSTHRU (MVP)**

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**12" PLASTIC AXIAL BLOWER  
WITH CANISTER**

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**HIGH OUTPUT  
EXPLOSION-PROOF BLOWERS**

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**20" AND 24"  
JET FANS**

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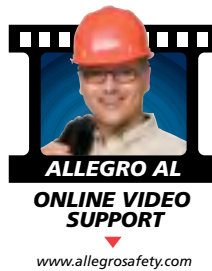




## THE ALLEGRO RESOURCE FOR ONLINE VIDEO SUPPORT

Keeping you and your workers safe on the job site is our main priority. View our video demonstrations and procedural instructions of some of our great new products when you visit our website. Look for the "Allegro Al" icon as you go through our catalog to see which products have an accompanying video.

To view them, visit [www.allegrosafety.com](http://www.allegrosafety.com) and click on the video menu. We'll add new videos throughout the year so check back with us often.



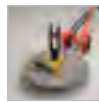
**AIR BAGS**



**M2 MULTI-MOLD™ CASSETTES**



**BITREX / SACCHARIN FIT TEST**



**MAGNETIC MAN HOLE LID LIFTER**



**CONFINED SPACE**



**PERSONAL PROTECTION EQUIPMENT**



**CONFINED SPACE ACCESSORIES**



**RESPIRATOR CLEANING AND STORAGE**



**CONFINED SPACE TENTS**



**SAMPLING PUMPS**



**COOLING PRODUCTS**



**SMOKE FIT TEST**



**FILTRATION CALIBRATION**



**SUPPLIED AIR RESPIRATORS**

ALLEGRO HAS DEVELOPED A COMPLETE LINE OF NIOSH APPROVED SUPPLIED AIR RESPIRATOR SYSTEMS. OUR FULL MASK SAR AND OUR FULLY DISPOSABLE HOODS OFFER INCREDIBLE FLEXIBILITY AND EASE OF USE IN CONFINED SPACES AND CONTAMINATED ENVIRONMENTS. COMPLETE SYSTEMS COME IN ONE BOX WITH ONE PART NUMBER TO MAKE ORDERING EASIER AND MORE EFFICIENT. ALLEGRO IS COMMITTED TO MEETING YOUR NEEDS.



**MAINTENANCE FREE TYVEK® HOOD**

Our NIOSH-approved Maintenance Free Tyvek Hood is so unique, it's patented. This hood is designed with the breathing or down tube and head suspension completely integrated so that the hood assembly is constructed into a one-piece instead of the standard three-piece assembly. This eliminates the need for decontamination of the breathing tube or replacement parts, because the entire hood assembly is disposed of after use. Because the down tube is integrated into the hood, it is maintenance free and completely disposable. Offered in poly-coated DuPont Tyvek®, it is flexible, splash resistant and seals in the air flow. The breathing tube incorporates a multi-layer sound dampening system made of foam extending up inside the hood that prevents the tube from being crushed or twisted during use. It allows the system to meet stringent NIOSH requirements for sound levels inside a hood. The disposable hood brings air down across the lens which minimizes fogging and brings air to the breathing area. A large viewing window provides a wide field of vision and its generous size makes it perfect for workers with beards or goggles. Its large bib provides splash protection and allows it to be tucked into a suit where it directs air to the body. The disposable one-piece suspension offers easy adjustment with a hook and loop closure and an absorbent foam headband.

**NIOSH approved**

- 9910-D** Maintenance Free Tyvek Hood Assembly w/Low Pressure Flow Adapter w/Suspension  
**9911-20** Replacement Maintenance Free Tyvek Hood Assembly w/Suspension  
**9910-25** Lens Covers 10/pkg.

**MAINTENANCE FREE SARAN HOOD**

With the same features as our 9910-D, the Maintenance Free Saran Hood offers effective protection against a broader range of chemicals. It is made of Tyvek fabric that is laminated with saran to offer zero permeability to air and moisture, providing total protection against hazardous materials. The seams are heat tape sealed to form a liquid and gas-tight seal. It is ideal for acid handling, tank cleaning, agricultural pesticide handling, asbestos abatement, chemical handling and hazardous waste management. **NIOSH approved**

- 9910-DS** Maintenance Free Saran Hood Assembly w/Low Pressure Flow Adapter w/Suspension  
**9911-20S** Replacement Maintenance Free Saran Hood Assembly w/Suspension  
**9910-25** Lens Covers 10/pkg.

**DOUBLE BIB MAINTENANCE FREE TYVEK HOOD**

Made of poly-coated Tyvek material, this hood offers the increased protection of two bibs. The inner bib tucks inside protective garments so air flows down for a cooling effect on the body, and the outer bib secures under the arms with hook and loop to keep the hood from rising up. The hood features an extra large lens for better visibility. It offers the same convenient design with the down tube and suspension built in, making the complete hood fully disposable. **NIOSH approved**

- 9912-D** Double Bib Maintenance Free Tyvek Hood Assembly w/Low Pressure Flow Adapter w/Suspension  
**9911-10** Replacement Double Bib Maintenance Free Tyvek Hood Assembly w/Suspension  
**9910-25** Lens Covers 10/pkg.

**DELUXE TYVEK DOUBLE BIB HARDHAT HOOD**

The design of our unique low pressure disposable double bib hood offers even greater protection for workers by allowing extra space for a hardhat. Lightweight, rugged and reinforced down tube with swivel connection gives added flexibility. The split air channel design delivers air inside the hood around the temple area. The double bib style means increased protection. Simply tuck the inner layer into protective clothing. **NIOSH approved**

- 9909-HD** w/Hardhat  
**9909-RD** w/Ratchet  
**9909-SD** w/Suspension  
**9909-10** Replacement Deluxe Tyvek Double Bib Hardhat Hood w/Suspension

**TYVEK® SUPPLIED AIR RESPIRATOR HOOD**

Especially comfortable for bearded workers, the hood style respirator is lightweight and loose-fitting, to fit comfortably over the head. A large clear window offers a wide view and complete protection in dirty environments such as spray painting or asbestos abatement. The convenient disposable design is perfect where respirator cleaning or decontamination is difficult, just remove the down tube and clamp before disposal. Includes OBAC quick connects. For convenience, each replacement hood comes complete with a hood harness. **NIOSH approved**

- 9910** Complete Tyvek Respirator Hood Assembly  
**9910-10** Replacement Hood w/Suspension (downtube not included)  
**9910-25** Lens Covers 10/pkg.



## LOW PRESSURE SUPPLIED AIR RESPIRATOR HOODS

**HALF MASK SUPPLIED AIR RESPIRATOR**

This comfortable half mask offers low pressure, continuous flow protection with the same unique "over the shoulder" hose design and belt as the full facepiece respirator. It's durable and easy to use with OBAC quick connect. The low profile design allows it to fit under welding shields. The skirt is made from silicone, is easy to clean and it won't lose its shape in storage.

**NIOSH approved**

**9920** Half Mask Assembly

**LOW PRESSURE FULL MASK SUPPLIED AIR RESPIRATOR**

Our Full Mask continuous flow supplied air respirator is made of silicone rubber for durability and will hold its shape even in extreme heat and cold. The double sealing flange provides an improved face-to-mask seal and a deep chin pocket provides a better, more comfortable fit. The replaceable polycarbonate lens offers a wider, distortion-free viewing area with an anti-fog, anti-scratch coating. A removable hairnet means greater comfort and fits easily under a hardhat. The unique "over the shoulder" hose design clips at the collar and an adjustable belt holds the air hose out of the way of work. Comes with OBAC quick connects. One size fits most. **NIOSH approved**

**9901** Full Mask Assembly

**9901-25** Lens Covers 25/pkg.

**LOW PRESSURE ECONOMY SUPPLIED AIR SHIELD**

Perfect for use with grinding, chipping, spray painting and auto body repair. The easy flip-up visor is made of Nylon plastic and offers a wide field of vision. Lens is polycarbonate and chin guard is polypropylene for added strength. The shroud is cotton adding comfort and protects against overspray. Offered with a Low Pressure Flow Adapter. Complies with ANSI Z87.1-2003. **NIOSH approved**

**9903** Replacement Shield

**9903-D** Supplied Air Shield w/Low Pressure Adapter

**9903-25** Lens Covers 10/pkg.

**DELUXE SUPPLIED AIR SHIELD / HELMET**

The ultimate Personal Protective Equipment (PPE) solution for industrial manufacturing environments that demand respiratory protection from contaminants. Our Deluxe Supplied Air Shield/Helmet uniquely provides all in one head, eye, face and respiratory protection against hazardous airborne contaminants and flying debris. Ergonomically designed with superb balance, no fit testing required and can be worn by personnel with beards and facial hair. Complies with ANSI Z89.1 Type 1 Class G for head protection; ANSI Z87.1+ for face-shield/eye protection. **NIOSH approved**

**9904** Deluxe Supplied Air Shield/Helmet

**9904-D** Deluxe Supplied Air Shield/Helmet w/Low Pressure Adapter

**9904-25** Lens Covers 6/pkg.

**LOW PRESSURE FLOW ADAPTER**

For use with a low pressure supplied air respirator, the Low Pressure Flow Adapter allows the hood to connect to an ambient air pump, or any low pressure air source. It is a low profile, lightweight, plastic threaded fitting that offers the convenience of OBAC quick connect design with a belt and clip assembly. The controller is economical enough to dispose of with the hood assembly or save for use with a replacement hood. It requires an air supply pressure range of 6-50 psi.

**9910-11** Low Pressure Flow Adapter w/belt



1

CHOOSE AN  
ALLEGRO  
HOOD  
ASSEMBLY

**LOW PRESSURE**

A Low Pressure Constant Flow Supplied Air Respirator (SAR) has a psi range from 1-45 psi. Ideal for use with ambient air pumps as an air source.

**9920****HALF MASK  
SUPPLIED AIR  
RESPIRATOR**

- Made from silicone for easy cleaning
- Will not lose shape in storage
- Low profile to fit under welding shields
- Unique "over the shoulder" hose design holds air hose out of the way of work
- Comes with OBAC quick connect fitting

**9901****FULL MASK  
SUPPLIED AIR  
RESPIRATOR**

- Made from silicone for durability
- Double sealing flange for improved face to mask seal
- Deep chin pocket for more comfortable fit
- Replaceable Lens with anti-fog, anti-scratch coating
- Removable hairnet
- Fits under hardhat
- Same unique "over the shoulder" hose as the Half Mask
- One size fits most

**9910****TYVEK  
SUPPLIED AIR  
RESPIRATOR**

- For bearded workers
- A large clear window offers a wide view
- Disposable design
- Just remove the downtube and clamp before disposal
- Replacement hood comes complete with a hood harness

**9911-10****DOUBLE BIB  
MAINTENANCE FREE  
TYVEK HOOD**

- Increased protection of two bibs
- Inner bib directs air flow down cooling the body
- Outer bib secures under arms preventing hood from rising
- Features extra large lens for better visibility
- Designed to connect to LP Flow Adapter

**9920**

Half Mask Assembly

**9901**

Full Mask Assembly

**9910-10**Replacement Hood  
w/Suspension only,  
downtube not included**9911-10**Replacement Double Bib  
Maintenance Free Tyvek Hood  
Assembly w/Suspension

2

CHOOSE AN  
AIR CONTROL  
DEVICE

3

CHOOSE THE  
APPROPRIATE  
AIR LINE  
HOSE

4

CONNECT TO  
ANY AIR  
SOURCE

8

**SINGLE LOW PRESSURE  
AIR LINE HOSE**  
9100-25  
9100-50  
9100-100



**LOW PRESSURE  
AIR SOURCE**





## LOW PRESSURE SAR SYSTEM COMPONENTS


**9911-20**
**MAINTENANCE FREE TYVEK HOOD**

- Designed with one piece construction
- Breathing tube and head suspension integrated with hood assembly
- Fully disposable, eliminating need for decontamination
- Flexible and splash resistant
- Multi-layer sound dampening breathing tube
- Ideal for workers with beards or goggles
- Designed to connect to LP Flow Adapter


**9911-20S**
**MAINTENANCE FREE SARAN HOOD**

- Same unique features as the Maintenance Free Tyvek Hood
- Laminated with Saran
- Offers non permeability to air and moisture
- Increased protection against hazardous material
- Heat tape seams to enhance the seal against liquids and gases
- Designed to connect to LP Flow Adapter


**9909-11**
**DELUXE TYVEK DOUBLE BIB HARDHAT HOOD**

- Extra space for hardhat
- Hardhat, Ratchet or Disposable Suspensions
- Optional Chin Strap
- Reinforced heavy duty breathing tube with swivel connection
- Split air channel delivers air inside hood around temples
- Designed to connect to LP Flow Adapter

**9909-10**

Replacement Deluxe Tyvek Double Bib Hardhat Hood w/Suspension only, downtube not included

**9909-11**

Replacement Deluxe Tyvek Double Bib Hardhat Hood w/Suspension and with downtube assembly


**9903**
**LOW PRESSURE ECONOMY SUPPLIED AIR SHIELD**

- Flip-up visor is made of Nylon plastic
- Polycarbonate lens and Polypropylene Chin Guard
- Shroud is cotton adding comfort
- Designed to connect to LP Flow Adapter


**9904**
**DELUXE SUPPLIED AIR SHIELD / HELMET**

- All in one head, eye, face and respiratory protection
- Protects against hazardous airborne contaminants and flying debris
- Ergonomically designed with superb balance
- No fit testing required
- Can be worn by personnel with facial hair
- Designed to connect to LP Flow Adapter

**9911-20**

Replacement Maintenance Free Tyvek Hood Assembly w/Suspension

**9911-20S**

Replacement Maintenance Free Saran Hood Assembly w/Suspension

**9903**

Replacement Supplied Air Shield


**9910-03 (OPTIONAL)**

**9909-03 (OPTIONAL)  
9909-03C (FOR USE IN CANADA)**
**9910-11**


**SINGLE LOW PRESSURE AIR LINE HOSE**  
9100-25  
9100-50  
9100-100



**LOW PRESSURE AIR SOURCE**



### LP ALLEGROAIR AIRLINE COOLING SYSTEM

Perfect, low cost, portable means of cooling breathing air while keeping workers comfortable and productive. The system is capable of reducing air temperature from 180°F to 50°F. The cooling system is connected to the Ambient Air Pump through a 5' long inlet supply airline. Air flowing through the FDA Grade PVC coil inside the 70 quart cooler reduces the air temperature by having ice poured on and around the coil. The outlet air is filtered by a 5 micron particulate air filter.

An adjustable relief valve allows the user to adjust the air flow. Can be used with up to 3 workers. Comes with durable wheels and a locking telescoping pull handle. Dimensions: 20"W x 21"D x 24"H, 28 lbs. without ice

**9820-LP**



### AMBIENT AIR PUMP CO MONITOR

The Ambient Air Pump CO Monitor alerts workers using supplied air respirators when the level of carbon monoxide has exceeded 10 ppm (5 ppm Canada). The CO monitor can be operated in AC or DC mode and uses a single 9-volt alkaline battery. Housed in a portable, rugged Pelican case with handle and latches for protection and security. Comes with a threaded Tee. Dimensions are 6¾"H x 8¼"L x 3½"W. Weighs 3½ lbs.

**9900-45**



### FLOW TEST KIT FOR CONSTANT FLOW SUPPLIED AIR RESPIRATORS

CFM tester checks the volume of air that gets to the respirator. A flow meter simply quick connects onto an airline hose to check the respirator system for NIOSH compliant air flows.

The kit contains flow meter and a full assortment of quick connect plugs and adapters to fit all respirator manufacturer's airline hoses. Excellent for use with ambient air pumps. NOTE: NIOSH mandates 4 CFM for tight-fitting masks and 6 CFM for hoods.

**9900-40**



### INLET HOSE EXTENSION KIT

Respirators must be supplied with a source of clean, breathable air at all times as per OSHA 29CFR 1910.134.

In order to achieve this requirement, at times it may be necessary to use an inlet hose extension from the ambient air pump to a clean air environment. This can be achieved by connecting one of our inlet hose extension kits, allowing the inlet air source to be 50 feet away from the pump. Or connect up to 5 total kits together for a total of 250 feet away from the pump. Included in the kit is (1) 1"x 50' heavy duty hose and various fittings to ensure the hose fits to whatever Allegro Ambient Air Pump you have.

**9700-65**



### A-300

Ideal for a super portable, lightweight air source for a single respirator user. Solid performance in applications of one-worker painting, cleaning, sanding or chemical handling operations.

**9806**



### A-750

Fills the need for a very portable air source for one or two respirator users or a single hood user. Works well in a variety of work environments including painting or refinishing booths.

**9821**

**9821-E**



### A-1500TE, A-1500EX

The easiest way to meet your needs for portable air sources for up to three respirator users or two hood users. Available in explosion proof configurations for special applications. Applicable for chemical handling and clean-up. The A-1500EX meets Class I Div 1 & 2 Group D. Class II Div 1 & 2 Groups F & G

**9832 (TE)\***

**9832-E**

**9833 (EX)\***

**9833-E**

**TE:** Totally Enclosed  
**EX:** Explosion-Proof. EX models come complete with plug.



### A-3000ATE

Provides cost effective breathing air delivery for large multi-worker operations such as hazardous materials removal and clean-up, etc. Electric motor requires 30 amp outlet. Intended for up to six respirators or four hoods.

**9846**

**9846-E**



### A-4000AD

Ideal for use when electric power is unavailable or undesirable. Highly effective in work areas where large amounts of compressed air are available such as sandblasting. Air driven motor is protected and lubricated by a high capacity filter/regulator/lubricator assembly. Requires 75 CFM at 80 psig. Intended for four respirator users or three hood users.


**9850**



### LOW PRESSURE PUMP SPECS

MODEL NO.	PART NO.	MAX. NO. RESP.	MAX. NO. HOODS	POWER REQUIRED	LBS	HP	PSI	CFM
A-300	9806	1	0	5.5A/115V/230V	33	1/4	0-15	0-5
A-750	9821	2	1	8.3A/115V/230V	53	3/4	0-15	0-10
A-1500TE	9832	3	2	16A/115/230V	97	1 1/2	0-15	0-20
A-1500EX	9833*	3	2	10.6A/115/230V	122	1 1/2	0-15	0-15
A-3000ATE	9846	6	4	30A/115/230V	217	3	0-15	0-32
A-4000AD	9850	4	3	75 CFM@80 psig	83	n/a	0-15	0-20

\*Single phase explosion proof motor complete with plug.

 Offered in 220/50V. For more information call Customer Service at 800-622-3530

WARNING: Ambient Air Pumps are not to be used with generators.

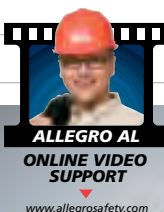
WARNING: Air inlet to the pump must be located where breathable air can be assured at all times.

WARNING: Ambient air breathing pumps should be used only in areas containing sufficient oxygen to support life. Do not use where contaminants are Immediately Dangerous to Life and Health (IDLH).

CAUTION: NIOSH approved respirators and corresponding hose lengths must function at pressures generated by air pumps. Only class "C" (constant flow) respirators will work properly.

NOTE: Pumps contaminated with toxic or hazardous materials cannot be returned under guarantee.





### HALF MASK LOW PRESSURE SYSTEMS

Our complete Half Mask Systems offer portable, lightweight air sources for one, two or three workers. They are offered with one, two, or three comfortable half mask supplied air respirators, a 1/4 hp ambient air pump, 3/4 hp pump or 1 1/2 hp pump, and 50 or 100 foot breathing air hose.

- 9205-01** One Worker Half Mask System w/50' Hose
- 9215-01** One Worker Half Mask System w/100' Hose
- 9205-02** Two Worker Half Mask System w/50' Hose
- 9215-02** Two Worker Half Mask System w/100' Hose
- 9205-03** Three Worker Half Mask System w/50' Hose
- 9215-03** Three Worker Half Mask System w/100' Hose



### FULL MASK LOW PRESSURE SYSTEMS

The Full Mask Systems provide a portable air source for one, two or three respirator users. They include one, two or three full mask supplied air respirators, a 1/4 hp ambient air pump, 3/4 hp pump or 1 1/2 hp pump, and 50 or 100 foot breathing air hose.

- 9200-01** One Worker Full Mask System w/50' Hose
- 9210-01** One Worker Full Mask System w/100' Hose
- 9200-02** Two Worker Full Mask System w/50' Hose
- 9210-02** Two Worker Full Mask System w/100' Hose
- 9200-03** Three Worker Full Mask System w/50' Hose
- 9210-03** Three Worker Full Mask System w/100' Hose



### TYVEK SUPPLIED AIR HOOD LOW PRESSURE SYSTEMS

In areas such as painting or asbestos abatement, where levels of contamination are low, these complete SAR systems offer a portable air source for one or two workers. They include disposable, lightweight, loose fitting DuPont Tyvek hoods, a 3/4 hp or 1 1/2 hp ambient air pump and 50 or 100 feet of breathing air hose.

- 9220-01** One Worker Tyvek Hood System w/50' Hose
- 9230-01** One Worker Tyvek Hood System w/100' Hose
- 9220-02** Two Worker Tyvek Hood System w/50' Hose
- 9230-02** Two Worker Tyvek Hood System w/100' Hose



### LOW PRESSURE ECONOMY SUPPLIED AIR SHIELD SYSTEM

Perfect for use with grinding, chipping, spray painting and body repair, Allegro's comfortable Supplied Air Shield is offered as a complete system for one or two workers. They include one or two shields, a 3/4 hp or 1 1/2 hp ambient air pump and 50 feet of breathing hose. Complies with ANSI Z87.1-2003.

- 9245-01** One Worker Shield System w/50' Hose
- 9245-02** Two Worker Shield System w/50' Hose



### DELUXE SUPPLIED AIR SHIELD / HELMET SYSTEM

Allegro's Deluxe Supplied Air Shield uniquely provides all in one head, eye, face and respiratory protection against hazardous airborne contaminants and flying debris. It delivers a constant and plentiful supply of clean purified air. Allegro's superbly balanced Deluxe Supplied Air Shield System is offered as a complete system for one or two workers. They include one or two shields, 3/4 hp or 1 1/2 hp ambient air pump and 50 feet of breathing hose. Complies with ANSI Z87.1+.

- 9247-01** One Worker Shield SAR System w/50' Hose
- 9247-02** Two Worker Shield SAR System w/50' Hose



**HIGH PRESSURE** A high pressure constant flow Supplied Air Respirator (SAR) has a psi range from 20-110 psi.

Ideal for use with Air Filtration Panels in conjunction with Compressors or Plant-supplied Compressed air. \*Note: High pressure is defined as 150 psig.

**HIGH PRESSURE FULL MASK SUPPLIED AIR RESPIRATOR**

- Unique over the shoulder hose design
- Adjustable belt that holds the hose and airflow valve out of the way
- High impact, anti-fog, distortion-free polycarbonate lens
- Double sealing flange and deep chin pocket for perfect fit and seal
- Large diameter contoured exhalation valve
- Designed to connect to Adjustable Flow Control Valve, Personal Air Cooler or Air Temperature Controller
- One size fits most

**9902**Replacement Full Mask  
Supplied Air Respirator**DOUBLE BIB MAINTENANCE FREE TYVEK HOOD**

- Increased protection of two bibs
- Inner bib directs air flow down cooling body
- Outer bib secures under arms preventing hood from rising
- Features extra large lens for better visibility
- Designed to connect to Adjustable Flow Control Valve, Personal Air Cooler or Air Temperature Controller

**9911-10**Replacement Double Bib  
Maintenance Free Tyvek Hood  
Assembly w/Suspension**MAINTENANCE FREE TYVEK HOOD**

- Designed with one piece construction
- Breathing tube and head suspension integrated with hood assembly
- Fully disposable, eliminating need for decontamination
- Flexible and splash resistant
- Multi-layer sound dampening breathing tube
- Ideal for workers with beards or goggles
- Designed to connect to Adjustable Flow Control Valve, Personal Air Cooler or Air Temperature Controller

**9911-20**Replacement Maintenance Free  
Tyvek Hood Assembly  
w/Suspension**MAINTENANCE FREE SARAN HOOD**

- Same unique features as the fully disposable Tyvek Hood
- Laminated with Saran
- Offers non permeability to air and moisture
- Increased protection against hazardous materials
- Heat tape seams to enhance the seal against liquids and gases
- Designed to connect to Adjustable Flow Control Valve, Personal Air Cooler or Air Temperature Controller

**9911-20S**Replacement Maintenance  
Free Saran Hood**DELUXE TYVEK DOUBLE BIB HARDHAT HOOD**

- Extra space for hardhat
- Offered with either Hardhat, Ratchet or Disposable Suspensions
- Optional Chin Strap
- Reinforced heavy duty breathing tube with swivel connection
- Split air channel delivers air inside hood around temples
- Designed to connect to Adjustable Flow Control Valve, Personal Air Cooler or Air Temperature Controller

**9909-10**Replacement Deluxe Tyvek Double  
Bib Hardhat Hood w/Suspension  
only, downtube not included**9909-11**Replacement Hood w/Suspension  
and downtube assembly**HIGH PRESSURE ECONOMY SUPPLIED AIR SHIELD**

- Visor is made of Nylon plastic
- Polycarbonate lens and Polypropylene Chin Guard
- Shroud is cotton adding comfort
- Designed to connect to Adjustable Flow Control Valve, Personal Air Cooler or Air Temperature Controller
- Complies with ANSI Z87.1-2003

**9903**

Replacement Supplied Air Shield

**DELUXE SUPPLIED AIR SHIELD / HELMET**

- All in one head, eye, face and respiratory protection
- Protects against hazardous airborne contaminants and flying debris
- Ergonomically designed with superb balance
- No fit testing required
- Can be worn by personnel with facial hair

**9904**Replacement Deluxe  
Supplied Air Shield/Helmet

**HIGH PRESSURE CONTROLLERS** For use as a high pressure supplied air system, add one of the following flow control valves. All three offer a very low profile design that won't get in the way of work, meet NIOSH minimum flow requirements at their lowest setting and offer Hansen fittings with belt and clip assembly.



#### AIR TEMPERATURE CONTROLLER

The Air Temperature Controller adjusts the amount of air to the hood and adjusts air 25 degrees warmer or cooler than the ambient air for use in cold or hot environments. It includes a leather sheath to protect the user from temperature extremes.

**9990**



#### PERSONAL AIR COOLER

The Personal Air Cooler is ideal in hot environments, adjusting the air flow from high pressure air sources as low as 25 degrees colder than ambient air for an improved working environment.

**9991**



#### ADJUSTABLE FLOW CONTROL VALVE

The high pressure Adjustable Flow Control Valve adjusts air flow from any high pressure air source for greater comfort. It offers a large gripping handle that makes it easy to use with a gloved hand. From the lowest flow position, the control valve will deliver the minimum flow required by NIOSH.

**9992**

I N L E T P S I R E Q U I R E M E N T S				
RESPIRATOR	DESCRIPTION	PSI RANGE 9990	PSI RANGE 9991	PSI RANGE 9992
9902 Series	Full Face Mask	55-105	50-85	20-50
9903 Series	Air Shield	90-120	72-98	25-46
9904 Series	Deluxe Air Shield/Helmet	0-120	68-93	27-47
9909 Series	Hardhat	80-120	65-115	23-47
9911 Series	Saran Hood	85-110	55-85	30-48





H I G H P R E S S U R E S A R S Y S T E M C O M P O N E N T S

1

CHOOSE AN ALLEGRO HOOD ASSEMBLY



2

CHOOSE AN AIR CONTROL DEVICE



3

CHOOSE THE APPROPRIATE  
AIR LINE HOSE

4

CONNECT TO ANY AIR SOURCE



SINGLE HIGH PRESSURE  
STRAIGHT HOSE  
9101-25B  
9101-50B  
9100-100B



HIGH PRESSURE AIR SOURCE

### ADJUSTABLE FLOW CONTROL VALVE

- 9911-CV** Maintenance Free Polycoated Tyvek Hood w/Flow Control Valve
- 9911-CVS** Maintenance Free Saran Hood w/Flow Control Valve
- 9912-CV** Maintenance Free Double Bib Tyvek Hood w/Flow Control Valve
- 9909-CVHD** Deluxe Tyvek Double Bib Hardhat Hood w/Hardhat and Flow Control Valve
- 9909-CVRD** Deluxe Tyvek Double Bib Hardhat Hood w/Ratchet Suspension and Flow Control Valve
- 9909-CVSD** Deluxe Tyvek Double Bib Hardhat Hood w/Suspension and Flow Control Valve
- 9902-CV** High Pressure Full Mask Supplied Air Respirator w/Flow Control Valve
- 9903-CV** High Pressure Economy Supplied Air Shield w/Flow Control Valve
- 9904-CV** Deluxe Supplied Air Shield/Helmet w/Flow Control Valve
- 9992** Adjustable Flow Control Valve w/Belt

### PERSONAL AIR COOLER

- 9911-C** Maintenance Free Polycoated Tyvek Hood w/Personal Air Cooler
- 9911-CS** Maintenance Free Saran Hood w/Personal Air Cooler
- 9912-C** Maintenance Free Double Bib Tyvek Hood w/Personal Air Cooler
- 9909-CHD** Deluxe Tyvek Double Bib Hardhat Hood w/Hardhat and Personal Air Cooler
- 9909-CRD** Deluxe Tyvek Double Bib Hardhat Hood w/Ratchet Suspension and Personal Air Cooler
- 9909-CSD** Deluxe Tyvek Double Bib Hardhat Hood w/Suspension and Personal Air Cooler
- 9902-C** High Pressure Full Mask Supplied Air Respirator w/Personal Air Cooler
- 9903-C** High Pressure Economy Supplied Air Shield w/Personal Air Cooler
- 9904-C** Deluxe Supplied Air Shield/Helmet w/Personal Air Cooler
- 9991** Personal Air Cooler w/Belt

### AIR TEMPERATURE CONTROLLER

- 9911-HC** Maintenance Free Polycoated Tyvek Hood w/Air Temperature Controller
- 9911-HCS** Maintenance Free Saran Hood w/Air Temperature Controller
- 9912-HC** Maintenance Free Double Bib Tyvek Hood w/Air Temperature Controller
- 9909-HCHD** Deluxe Tyvek Double Bib Hardhat Hood w/Hardhat and Air Temperature Controller
- 9909-HCRD** Deluxe Tyvek Double Bib Hardhat Hood w/Ratchet Suspension and Air Temperature Controller
- 9909-HCSD** Deluxe Tyvek Double Bib Hardhat Hood w/Suspension and Air Temperature Controller
- 9902-HC** High Pressure Full Mask Supplied Air Respirator w/Temperature Controller
- 9903-HC** High Pressure Economy Supplied Air Shield w/Air Temperature Controller
- 9904-HC** Deluxe Supplied Air Shield/Helmet w/Air Temperature Controller
- 9990** Air Temperature Controller w/Belt

### REPLACEMENT SAR

- 9911-10** Replacement Maintenance Free Tyvek Double Bib Hood w/Suspension
- 9911-20** Replacement Maintenance Free Tyvek Hood w/Suspension
- 9911-20S** Replacement Maintenance Free Saran Hood w/Suspension
- 9909-10** Replacement Deluxe Tyvek Double Bib Hardhat Hood w/Suspension only, downtube not included
- 9909-11** Replacement Deluxe Tyvek Double Bib Hardhat Hood w/Suspension and Downtube
- 9902** Replacement High Pressure Full Mask Supplied Air Respirator
- 9903** Replacement High Pressure Economy Supplied Air Shield
- 9904** Replacement Deluxe Supplied Air Shield/Helmet

**The Allegro Pharmaceutical Maintenance Free Tyvek® Hood and the Pharmaceutical Maintenance Free Saran® Hood are NIOSH approved and the unique design is patented.**



These hoods are engineered for ultimate protection, job performance, and maintenance-free, one-time use. The Allegro High Pressure Hoods are specifically designed to seal in air flow and seal out harmful chemical and airborne particulates.

Both the Tyvek® and the Saran® hoods have a patented breathing tube integrated directly into the hood. The tube is splash-resistant and entirely disposable. Although made flexible for on-the-job performance, the multi-layer foam tubing material prevents down-tubes from being crushed or twisted, with the tube's foam layers providing a sound-dampening system both unique and made in accordance with stringent NIOSH requirements.

These hoods are engineered without head harness for freedom of movement and comfort. Hook and loop underarm straps keep the hood from rising. Each hood has a 8" x 14" viewing window which offers an extensive field of vision and aptly accommodates workers with beards or goggles. The hoods can be used with an adjustable Flow Control Valve Allegro Personal Air Cooler or an Allegro Air Temperature Controller.



#### **DOUBLE BIB PHARMACEUTICAL MAINTENANCE FREE TYVEK® HOOD**

Constructed from polycoated Tyvek®, this double-bib hood offers greater protection for workers. Inner bib tucks into garments, allowing air to flow down across the body for a cooling effect.

##### **9911-29**

Replacement Double Bib, Pharmaceutical Maintenance Free Tyvek® High Pressure Air Hood



#### **DOUBLE BIB PHARMACEUTICAL MAINTENANCE FREE SARAN® HOOD**

Allegro's Saran-coated Tyvek® Hood is constructed with heat-taped seams to form a liquid- and gas-tight seal. Impermeable to air and moisture, the Saran® Hood protects workers effectively against a broad range of chemicals and other hazardous materials.

##### **9911-29S**

Replacement Double Bib, Pharmaceutical Maintenance Free Saran® High Pressure Air Hood



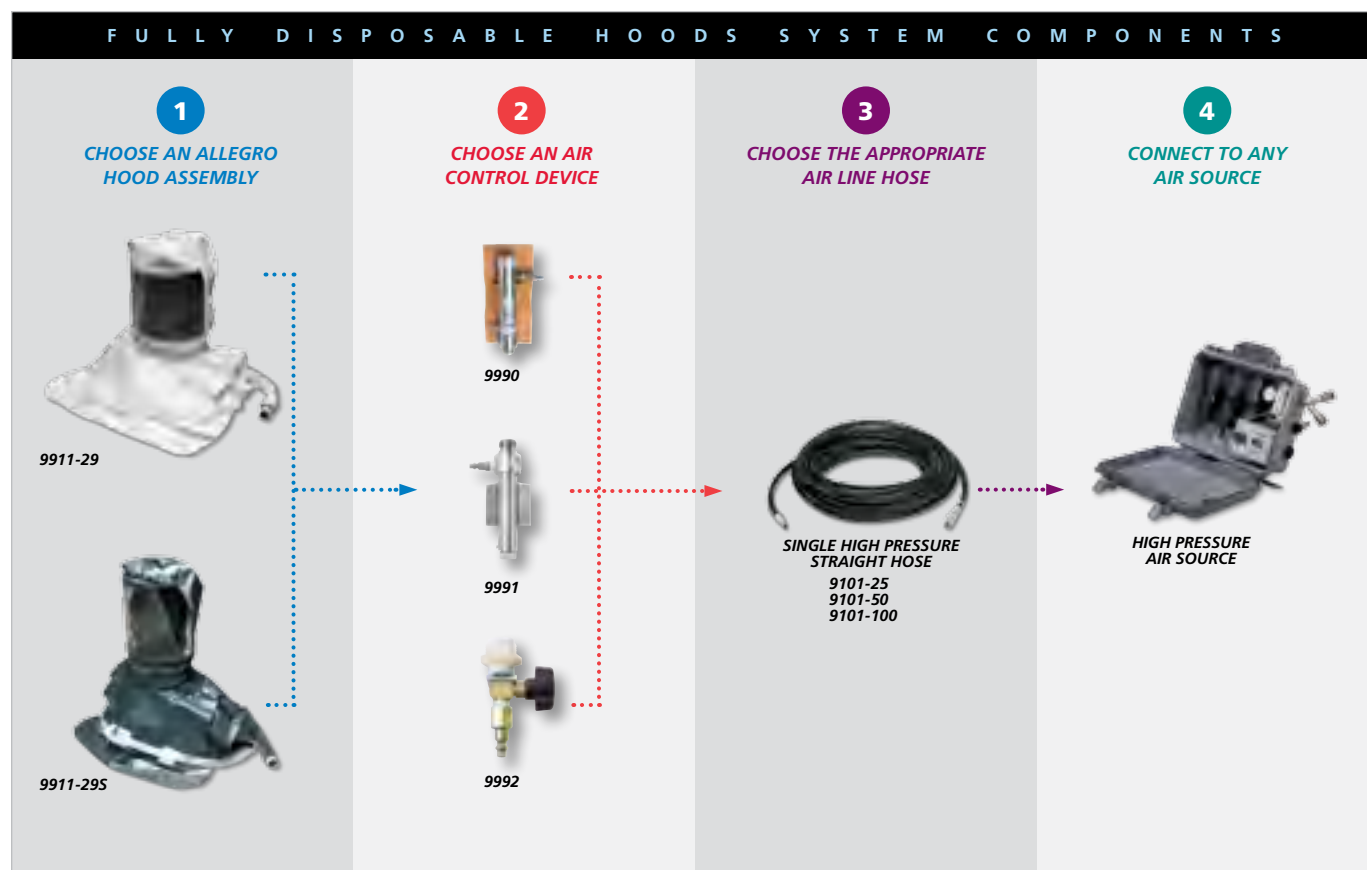
**ALLEGRO HOODS EXCEL IN THIRD PARTY TEST AT U.S. ARMY'S EDGEWOOD CHEMICAL BIOLOGICAL CENTER**

Allegro Industries contracted the US Army's ECBC (Edgewood Chemical Biological Center) to perform a third party test using a protocol similar to the one used on a limited number of styles in the 1996 study. The protocol had to be slightly modified to adapt to the procedures used by the ECBC. The goal of this test was to certify and record actual simulated workplace protection factors (SWPF) of the Allegro Hoods and to compare the results of these tests to those hoods tested in the 1996 ORC Study. The test results show that the Allegro hoods do perform at least equal to those that now have an OSHA variance of APF (Assigned Protection Factor) 1000 as a result of the ORC Study.

Allegro's objective for the Protection Factor test was to determine the efficiency of the Allegro Supplied Air Hood (SAH) in protecting

the wearer from aerosolized chemical and airborne biological particles. The tests conducted at ECBC incorporated the use of fifteen (15) civilian test subjects. Each test subject was submitted to twelve two-minute-long exercises. The exercises used were derived from the 1996 ORC Study and were chosen because of their similarity to everyday tasks performed in the pharmaceutical manufacturing environment. All subjects were tested twice in each hood configuration in the aerosolized ECBC Test Chamber.

The sophisticated equipment ECBC used to record the results during the test offered 1200 data points for each exercise. The state-of-the-art facility is capable of detecting fit factors up to 100,000. An analysis of the test results indicate that, at the 5th percentile, Allegro's hoods tested to a fit factor of the maximum of 100,000.

**ADJUSTABLE FLOW CONTROL VALVE**

- 9913-CV** Double Bib Pharmaceutical Maintenance Free Tyvek Hood w/Flow Control Valve
- 9913-CVS** Double Bib Pharmaceutical Maintenance Free Saran Hood w/Flow Control Valve

**PERSONAL AIR COOLER**

- 9913-C** Double Bib Pharmaceutical Maintenance Free Tyvek Hood w/Personal Air Cooler
- 9913-CS** Double Bib Pharmaceutical Maintenance Free Saran Hood w/Personal Air Cooler

**AIR TEMPERATURE CONTROLLER**

- 9913-HC** Double Bib Pharmaceutical Maintenance Free Tyvek Hood w/Air Temperature Controller
- 9913-HCS** Double Bib Pharmaceutical Maintenance Free Saran Hood w/Air Temperature Controller

**REPLACEMENT HOODS**

- 9911-29** Replacement Double Bib, Pharmaceutical Maintenance Free Tyvek High Pressure Air Hood
- 9911-29S** Replacement Double Bib, Pharmaceutical Maintenance Free Saran High Pressure Air Hood

**The Allegro Nova 3®  
is your number one  
choice economy  
Abrasive Blasting  
Helmet which meets  
safety standards  
worldwide.**

Reliable, durable and  
designed to help reduce  
worker fatigue, reduce  
downtime replacing parts  
and increase worker  
productivity. Built to last  
in rugged environments  
with an abrasion resistant  
polyethylene helmet shell.

### ALLEGRO NOVA 3® BLASTING HELMET

The Allegro Nova 3® series respirator combines breakthrough protection technology with advanced comfort and functionality surpassing even the most rigorous industry standards. Designed to optimize safety and productivity as well as to minimize worker downtime, the helmet has a host of features that maximize its lifetime value. The Nova 3® is designed and engineered to distribute the helmet's weight evenly across the head and shoulders for optimum comfort and ease of worker movement, reducing fatigue. In addition, a ratchet-adjusted neck pad ensures your head is supported. The Peel Offs Lens System is a unique "FIT AND SAVE™" system of pre-folded tabs. This means workers can quickly tear off just one layered lens at a time. The helmet complies with ANSI Z87.1 for eye protection and ANSI Z89.1 for head protection providing a high level of protection for the worker.

**NV30-00** Nova 3® Helmet w/Flow Control Valve

**NV30-00HC** Nova 3® Helmet w/Cooler

**NV30-00H** Nova 3® Helmet w/Heater

**NV37-25** Replacement Peel Offs, 50/pkg.



### ALLEGRO NOVA 2000™ HELMET

Lightweight pillow foam padding ensures the helmet always sits comfortably on your head. The padding is hook and loop mounted and easily removed for hygienic cleaning. The large wrap around double lens allows optimum vision without irritating side glare. Optional tear-off lenses are also available. The helmet complies with ANSI Z87.1 for eye protection and ANSI Z89.1 for head protection providing a high level of protection for the worker. Air duct distribution diffuses an even flow of breathing air throughout the helmet to cool the head and face, and prevents the lens from fogging. Multi-layered sound deadening foam makes this helmet the quietest on the market. This helmet is offered with a High Pressure Adjustable Flow Control Valve, Cooler, Heater or Low Pressure Constant Flow Valve. **NIOSH approved**

**NV20-00** HP Nova 2000™ Helmet w/Flow Control Valve

**NV20-00HC** HP Nova 2000™ Helmet w/Cooler

**NV20-00H** HP Nova 2000™ Helmet w/Heater

**NV20-00LP** LP Nova 2000™ Helmet w/Constant Flow Valve

**NV20-17** Replacement Peel Offs, 50/pkg.

### NOVA 2000™ HELMET LOW PRESSURE SYSTEM

The Allegro™ Nova is your number one choice Abrasive Blasting Helmet built for reliable, durable use and increased worker productivity. The complete One-Worker Blasting Helmet system provides a portable air source for one user. It includes a Nova helmet, ¾ HP pump and 50' of airline hose.

**9285-01** One Worker Blasting Helmet System  
w/50' Hose



### NOVA COMMUNICATION SYSTEM

A Wireless communication system designed to improve the blasting experience, raise safety levels, enhance operator training and further increase productivity while reducing down-time to a minimum. This system enables contact with crew at all times making it ideal for tanks, shipyards, water towers and any sites where operators are out of sight or not easily accessed. The headset is encased in the pillow foam padding of the Nova helmets so there is no change to the comfort level. Conforms to UL STD 913: certified to CAN/CSA-C22.2 No. 157. Contact customer service at 800-622-3530 to order the appropriate cable(s) for your specific communications system.

**NV09-800** Nova Communication System Upgrade Kit - Intrinsically Safe

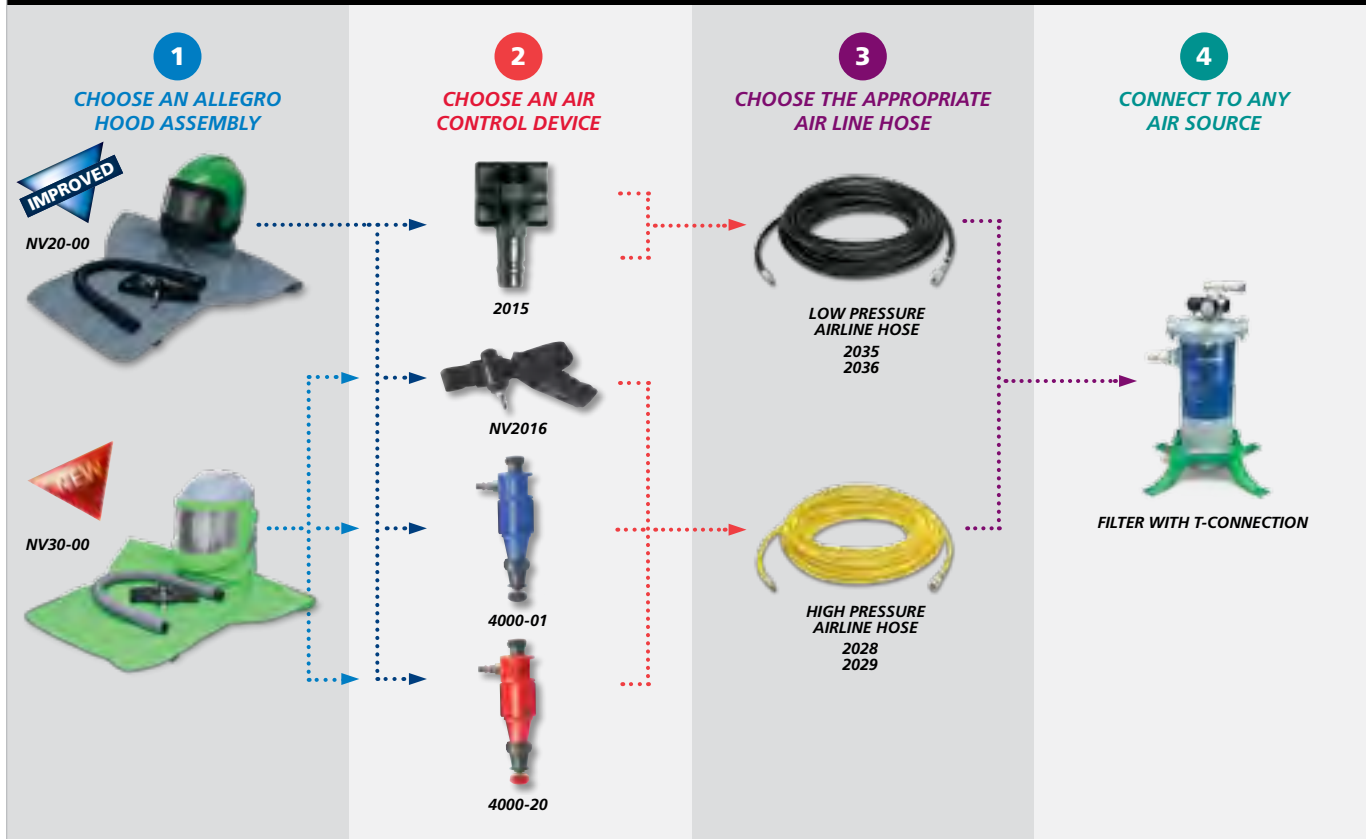
**NV09-900** Nova Communication System Upgrade Kit



IMPROVED



ABRASIVE BLASTING HELMETS SYSTEM COMPONENTS



TEMPERATURE CONTROLLER AND FLOW VALVES

**AIR TEMPERATURE CONTROLLER**

These valves adjust the amount of air to the helmet and adjust air 25°F warmer or cooler than the ambient air for use in cold or hot environments.

- 4000-01** HP Cooler w/Belt  
**4000-20** HP Heater w/Belt



**ADJUSTABLE FLOW CONTROL VALVE**

NIOSH approved, injection molded, Flow Control Valve assembly provides the wearer with the ability to adjust the air flowing into the helmet. The adjustment barrel is easy to turn even with blasting gloves on. Comes with waist belt.

- NV2016** HP Flow Control Valve w/Belt



**LOW PRESSURE FLOW ADAPTER**

The low pressure supplied air respirator adapter allows the helmet to connect to an ambient air pump or any low pressure air source. Low profile, lightweight plastic threaded fitting offers the convenience of quick connect design with belt and clip assembly.

- 2015** LP Constant Flow Adapter w/Belt

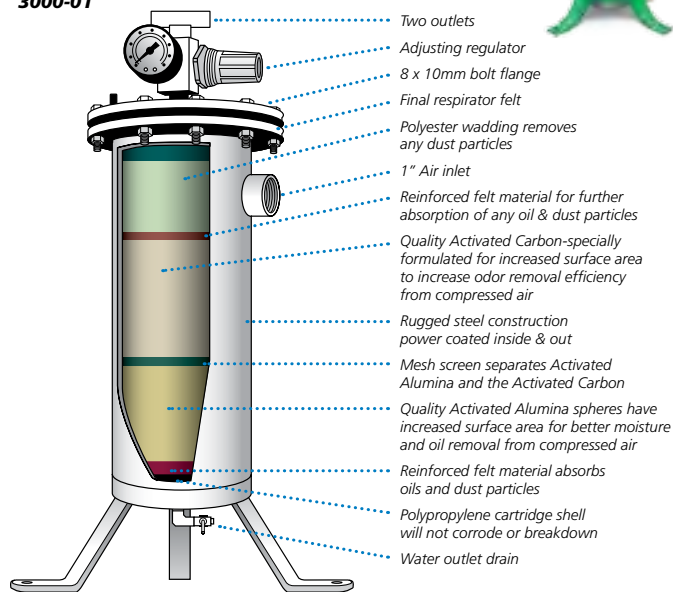


Refer to Nova 2000 and Nova 3 Matrix (above) for NIOSH approved configurations.

**AIRLINE FILTER**

Made for rugged environments, this "Pot" type filter utilizes a large capacity quality filter cartridge to provide longer life filtration. Greater material surface area provides increased absorption of oil, water and odors. Made of impact and corrosion-resistant aluminum and equipped with an airline regulator and two outlets. 75 CFM

- 3000-01**



**REPLACEMENT FILTER CARTRIDGES**

Quality Filter Cartridges provide better and longer life filtration. Universal design allows filter cartridge to fit into many filter brands on the market.

- 3100-02**







### ECONOMY SUPPLIED AIR SHIELD AND WELDING HELMET

Durable and lightweight design allows for less fatigue and greater productivity on the job. Molded from tough thermoplastic resin, our helmet is lighter than fiberglass. Easy filter replacement using standard size filter, and standard cover and impact plates. Made in USA. Meets ANSI Z87.1 standards.

- 9903-W** Economy Supplied Air Shield and Welding Helmet w/No Flow Valve
- 9903-DW** Economy Supplied Air Shield and Welding Helmet w/LP Adapter
- 9903-CVW** Economy Supplied Air Shield and Welding Helmet w/HP Control Valve
- 9903-CW** Economy Supplied Air Shield and Welding Helmet w/HP Personal Cooler
- 9903-HCW** Economy Supplied Air Shield and Welding Helmet w/HP Temperature Controller



### DELUXE SUPPLIED AIR SHIELD AND WELDING HELMET (BLUE)

Performance proven and a cost effective system used by foundries, aluminum plants, mines, chemical plants, refineries, auto manufacturers, metal working and fabrications. This Helmet offers protection from airborne contaminants including hexavalent chromium applications, flying debris, sparks, chemical and molten metal splashes. The helmet flips allowing user to grind and clean metal looking through clear ANSI face shield. Equipped with variable shade, auto-darkening lens, shade 9-13. ANSI certified face shield and head protection.

**NIOSH approved**

- 9904-W** Deluxe Supplied Air Shield & Welding Helmet w/No Flow Valve
- 9904-DW** Deluxe Supplied Air Shield & Welding Helmet w/LP Adapter
- 9904-CVW** Deluxe Supplied Air Shield & Welding Helmet w/HP Control Valve
- 9904-CW** Deluxe Supplied Air Shield & Welding Helmet w/HP Personal Cooler
- 9904-HCW** Deluxe Supplied Air Shield & Welding Helmet w/HP Temperature Controller



### DELUXE SUPPLIED AIR SHIELD AND WELDING HELMET (BLACK)

This is a cost effective system used by foundries, aluminum plants, mines, chemical plants, refineries, auto manufacturers, metal working and fabrications. Performance proven with a constant and powerful supply of breathable air from a clean air source, this Helmet offers protection from airborne contaminants including hexavalent chromium applications, flying debris, sparks, chemical and molten metal splashes. The helmet flips allowing user to grind and clean metal looking through clear ANSI face shield. Large #10 lens included. ANSI certified face shield and head protection. **NIOSH approved**

- 9904-WB** Deluxe Supplied Air Shield & Welding Helmet w/No Flow Valve
- 9904-DWB** Deluxe Supplied Air Shield & Welding Helmet w/LP Adapter
- 9904-CVWB** Deluxe Supplied Air Shield & Welding Helmet w/HP Control Valve
- 9904-CWB** Deluxe Supplied Air Shield & Welding Helmet w/HP Personal Cooler
- 9904-HCWB** Deluxe Supplied Air Shield & Welding Helmet w/HP Temperature Controller



### REPLACEMENT VARIABLE SHADE LENS KIT

Made for all welding processes including TIG and TIG pulsing. Lens features both optical and magnetic arc detection system, ensuring the filter will not open (turn from dark to light) even if the sensors become blocked. Designed with the capability to detect light and magnetic waves that occur during welding. Optomagnetic sensors can be adjusted from 0 to 6 feet in range. It is solar powered with dual sensors. Kit includes auto-darkening welding filter and mounting frame.

- 9903-35** Use w/9903-W Economy Supplied Air Shield and Welding Helmet
- 9904-36** Use w/9904-W Deluxe Supplied Air Shield and Welding Helmet (Blue Shield)
- 9904-35** Use w/9904-WB Deluxe Supplied Air Shield and Welding Helmet (Black Shield)

## WELDING HELMETS SYSTEM COMPONENTS

1

CHOOSE AN ALLEGRO  
HOOD ASSEMBLY

2

CHOOSE AN AIR  
CONTROL DEVICE

3

CHOOSE THE APPROPRIATE  
AIR LINE HOSE9100-25  
9100-50  
9100-1009101-25B  
9101-50B  
9101-100B

4

CONNECT TO ANY  
AIR SOURCE**ECONOMY  
SUPPLIED AIR  
SHIELD AND  
WELDING  
HELMET SYSTEM**

Perfect for most welding jobs. Provides a portable air source for one or two workers. Includes one or two welding shields. The ambient air pump is  $\frac{3}{4}$  hp or  $1\frac{1}{2}$  hp and system comes with 50 feet of breathing airline hose.

**9246-01** One Worker System with 50' Hose  
**9246-02** Two Worker System with 50' Hose

**DELUXE  
SUPPLIED AIR  
SHIELD AND  
WELDING  
HELMET SYSTEM  
(BLUE)**

Allegro's Deluxe Supplied Air Shield and Welding Helmet is performance proven and a cost effective system used by foundries, aluminum plants, mines, chemical plants, refineries, auto manufacturers, metal working and fabrication. The Supplied Air Respirator delivers a constant and powerful supply of breathable air from a clean air source. They include one or two shields/welding helmets, a  $\frac{3}{4}$  hp or  $1\frac{1}{2}$  hp ambient air pump and 50 feet of breathing hose. NIOSH approved/ANSI certified "all in one" system provides respiratory, head, eye and face protection.

**9248-01** One Worker System with 50' Hose  
**9248-02** Two Worker System with 50' Hose

**DELUXE  
SUPPLIED AIR  
SHIELD AND  
WELDING  
HELMET SYSTEM  
(BLACK)**

Allegro's Deluxe Supplied Air Shield and Welding Helmet is performance proven and a cost effective system used by foundries, aluminum plants, mines, chemical plants, refineries, auto manufacturers, metal working and fabrication. The Supplied Air Respirator delivers a constant and powerful supply of breathable air from a clean air source. They include one or two shields and welding helmets, a  $\frac{3}{4}$  hp or  $1\frac{1}{2}$  hp ambient air pump and 50 feet of breathing hose. NIOSH approved/ANSI certified "all in one" system provides respiratory, head, eye and face protection.

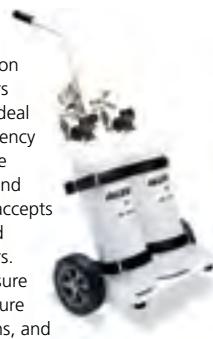
**9249-01** One Worker System with 50' Hose  
**9249-02** Two Worker System with 50' Hose





## AIR-CART

Intended for short duration jobs with up to two hours of air, the Air-Cart is an ideal mobile primary or emergency air supply. Designed to be used with pressure demand respirators, the Air-Cart accepts all standard 30-, 45-, and 60-minute SCBA cylinders. It is available in low pressure (2216 psig) or high pressure (4500 psig) configurations, and features a low pressure alarm, in-line check valve for uninterrupted air flow while changing cylinders and outlets for two to five workers. An optional by-pass is available that allows the Air-Cart cylinders to be used for emergency escape while breathing from a compressor. Sold with a 2-worker manifold.

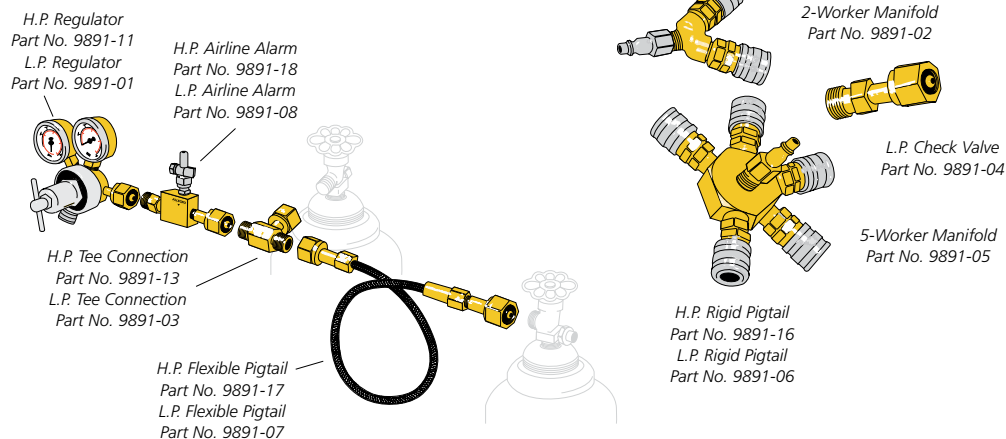


<b>9885</b>	Low Pressure without cylinders
<b>9886</b>	High Pressure without cylinders
<b>9885-46</b>	Low Pressure by-pass assembly
<b>9886-46</b>	High Pressure by-pass assembly

*Air-Cart only available without cylinders.  
Fits all manufacturers SCBA cylinders.*

## AIRLINE CASCADE KITS

Used to reduce high pressure through a series of tee and flexible pigtail connectors, our exclusive Low Pressure Airline Cascade Kits offer you the ease of ordering all the parts you need for your system with one part number. No more forgetting a piece or mismatched fittings. Inline check valves on both the tee and flexible pigtail (available in both high and low pressure) are used to allow for uninterrupted air flow while replacing depleted cylinders. An optional low-on-air warning device alerts the user when air is low. Individual components are available for adding on to an existing system, or for building a high pressure cascade system.



A	I	R	L	I	N	E	C	A	S	C	A	D	E	K	I	T	S	
AIRLINE CASCADE SYSTEM KITS						PART NO.	DESCRIPTION						CONTENTS					
Low Pressure Kits without alarm:						9891-01	One-Cylinder Cascade Kit						Regulator only					
						9890-02	Two-Cylinder Cascade Kit						Regulator, Tee and Pigtail					
						9890-04	Four-Cylinder Cascade Kit						Regulator, 3 Tees and 3 Pigtails					
Low Pressure Kits with alarm:						9892-01	One-Cylinder Cascade Kit						Regulator, Alarm					
						9892-02	Two-Cylinder Cascade Kit						Regulator, Tee, Pigtail, Alarm					
						9892-04	Four-Cylinder Cascade Kit						Regulator, 3 Tees, 3 Pigtails, Alarm					





**ALLEGRO AL**  
**ONLINE VIDEO**  
**SUPPORT**

[www.allegrosafety.com](http://www.allegrosafety.com)

### CARRY-AIR™ AND WALL-AIR™ FILTRATION PANELS

Allegro's Air Filtration Panels convert shop air used for pneumatic tools and equipment to clean breathable air. They provide from 1 to 8 airline respirators a portable source of up to 15, 30, 60 or 100 CFM of breathable air from 5-125 psig. The 3-stage filtration system purifies compressed air removing water, oil and particulate contaminants. An optional carbon monoxide monitor, which can be operated in AC or DC mode, activates an audible alarm when the concentration of CO exceeds 10 ppm (set for 5 ppm in Canada). The pressure regulator includes a pressure gauge and adjustment knob with locking ring. A pressure relief valve protects the CO monitor and respirators in the event of regulator failure. The Carry-Air AC/DC-powered unit is housed in a rugged Pelican case for portability and protection. It includes a support stand for stability and up-right operation. An AC/DC powered Wall-Mount unit is also available. Available with and without CO monitors. All models meet NIOSH requirements for point-of-attachment.



**9872-40**

### MULTI-REGULATOR AIR FILTRATION PANEL

The unique design of this panel allows each regulator to be individually adjusted at different pressure settings, and also supplies separate outlets for air tools. The viewing window on the case allows monitoring of pressure gauges. A 16 gauge steel stand for support is included as well as all brass plumbing with quick-disconnect Hansen couplers.

**9874MR** 4-Worker  
**9876MR** 6-Worker



### INLINE FILTER PANELS

Our single outlet and single inlet inline filter panels provide airline respirators a portable source of breathable air while ideally designed for filtering air anywhere within the airline system downstream from outlets. We offer our inline filter panels in both Carry-Air™ and Wall-Air™ configurations. All models meet NIOSH requirements of point-of-attachment. The Carry-Air™ models provide up to 8 airline respirators a portable source of up to 100 CFM of breathable air from 5-125 psig. They're housed in a rugged Pelican case for portability and protection. They also include a support stand for stability and up-right operation. Available with or without CO monitors. The AC/DC powered Wall-Air™ models provide up to 12 airline respirators a portable source of up to 150 CFM of breathable air from 5-125 psig. These units are easily mounted on any wall to keep them out of the way in your workshop area. Available with or without CO monitors.

**9878-100** Carry-Air™ Inline Filter Panel  
**9878-150** Wall-Air™ Inline Filter Panel



**9878-100**



**9878-150**

	1-WORKER	2-WORKER	5-WORKER	8+ -WORKER
Carry-Air w/CO Monitor	9873	9872	9875	9878
Carry-Air Inline w/CO Monitor				9878-100
Wall-Air w/CO Monitor	9873-40	9872-40	9875-40	9878-40
Carry-Air w/o CO Monitor		9872-W/O	9875-W/O	9878-W/O
Wall-Air w/o CO Monitor		9872-40 W/O	9875-40 W/O	9878-40W/O
Carry Panel (1-8 worker)	9878-100	9878-100	9878-100	9878-100
Wall Panel (1-12 worker)	9878-150	9878-150	9878-150	9878-150

F I L T R A T I O N P A N E L S P E C S						
FILTRATION PANELS		PART NO.	MAX. FLOW	MAX. INLET	DIMENSIONS	WEIGHT (LBS.)
Carry-Air	1-worker	9873	15 CFM	150 psig	16"x 13"x 7"	11
	2-worker	9872 Series	30 CFM	150 psig	18"x 12"x 6"	14
	5-worker	9875 Series	60 CFM	150 psig	21"x 14½"x 6¾"	19
	8-worker	9878 Series	100 CFM	150 psig	23"x 16½"x 7½"	25
Carry-Air Multi Regulator	4-worker*	9874 MR	60 CFM	125 psig	21"x 14½"x 6¾"	21
	6-worker*	9876 MR	100 CFM	150 psig	23"x 16½"x 7½"	27
Carry-Air 100 CFM Panel	1-8 worker	9878-100	100 CFM	150 psig	23"x 16½"x 7½"	21
Wall-Air	1-worker	9873-40	15 CFM	150 psig	21¼" x 8¼" x 7¾"	11
	2-worker	9872-40 Series	30 CFM	150 psig	21¼" x 8¼" x 7¾"	11
	5-worker	9875-40 Series	60 CFM	150 psig	22" x 8½" x 7½"	15
	8-worker	9878-40 Series	100 CFM	150 psig	25" x 14" x 7"	21
Wall-Air 150 CFM Panel	1-12 worker	9878-150	150 CFM	150 psig	22"x 19"x 10"	27

NOTE: All above air sources come standard with Foster/Hansen couplers. Other couplers are available on request.

**REMOTE CO MONITOR**

Attached to any air source or filter panel, the Remote CO Monitor alerts workers using supplied air respirators when the level of carbon monoxide has exceeded 10 ppm (5 ppm Canada). The CO monitor can be operated in AC or DC mode and uses a single 9-volt alkaline battery. Maximum regulator inlet pressure is 150 psi. Comes with coupling pigtail.

**9871-02****SOURCE PRE-FILTER**

Where air quality is especially low, this free-standing or wall-mounted particulate assembly helps extend the life of the filter panel's disposable filters by removing liquids and contaminants down to 5 microns. It is equipped with an adjustable regulator pressure gauge and meets the NIOSH requirement for point-of-attachment.

**9350-03****4-WORKER AIRLINE FILTER**

Made for rugged environments, this "Pot" type filter utilizes a large capacity quality filter cartridge to provide longer life. Greater material surface area designed to remove oil, mist, water vapor and particulates down to 0.5 micron. Made of impact and corrosion-resistant steel, equipped with an airline regulator and four outlets. Wall or floor mounted. Meets OSHA regulation 1910-94 (6) (i) and 1910-94 (6) (ii). 75 CFM

**9874-W/O**

When application requires CO monitoring the Allegro Remote CO monitor can be attached to the manifold. (Remote CO Monitor and Airline Filter Sold Separately).

**REMOTE CO ALARM WITH STROBE**

The Remote CO Alarm System uses a 50' cable to go with workers into the work area and effectively warn of the presence of carbon monoxide in the air source with a 90 decibel alarm, along with a flashing strobe light for those very noisy environments. The system is housed in a rugged Pelican carry case or may be wall mounted, and attached to any Allegro Air Filtration Panel. Dimensions: 9.5" W x 10" H x 8" D

**9871-01****POINT-OF-ATTACHMENT AIR CONTROL SYSTEM**

This Point-of-Attachment (POA) Air Control System connects to any breathing air source. It's housed in a Pelican carry case that can be wall-mounted and includes an adjustable pressure regulator, pressure gauge and a pressure relief valve. This POA system meets NIOSH requirements for point of attachment. Maximum regulator inlet pressure is 150 psi.

**9871-03****ECONOMY P.O.A.**

Also offered in an economy model, with the same features as our Point-of-Attachment Air Control System without a Pelican carry case.

**9871-03EC****O2 MONITOR KIT**

Calibration is a simple, automatic procedure. This monitor is durable, reliable and water-resistant for on the job flexibility. Features include a full function self test sensor, battery status, easy on/off operation and audible and visual alarms on start up. Bright, wide angle visual alarm bars, confidence beep, automatic backlight and automatic O2 calibration are all standard. Secure and accurate history with data logging are also standard as well as a tamperproof setting with pass code protection. The O2 Monitor Kit can be attached to any Allegro Filtration Panel. Five language choices are available (English, French, German, Spanish and Portuguese).

**9871-05****ECONOMY REMOTE CO ALARM WITH STROBE**

Housed in a Pelican carry case with 25' of cable, the Economy CO Alarm has the same features as the Remote CO Alarm with a smaller profile. Dimensions: 8.5" W x 5" H x 6.5" D. Weight 2.6 lbs.

**9871-01EC**

**HP ALLEGROAIR AIRLINE COOLING SYSTEM**

A low cost and portable means of cooling breathing air while keeping workers comfortable and productive for hours. This system is capable of reducing the air temperature from 180°F to as low as 50°F. The cooling system is connected to a high pressure breathing source, such as a filtration panel, cascade system or compressor (not to exceed 150 psi) through a 5' long inlet supply airline using a heavy duty Hansen coupler. Air flowing through the FDA Grade PVC temperature cooling coil inside the 70 quart cooler reduces the air temperature by having ice poured onto and around the coil. Coils are separated to allow ice to surround hose. The outlet air is filtered at the end of the coil line by a 5 micron particulate air filter, which removes condensation that may build up in the hose. The pressure regulator includes a pressure gauge and adjustable knob with locking ring. Single outlet Coupler can adapt to 3-Worker Manifold. Transportation is made easy with durable wheels and a locking telescoping pull handle. Dimensions: 20"W x 21"L x 24"H, 28 lbs. without ice.

**9820-HP****CO MONITOR CALIBRATION TEST KIT**

Used to check and calibrate the CO Monitor on Allegro's Carry-Air, Wall-Air or Oil-Less Compressor. Kit includes a 17 liter cylinder each of Span Gas and Zero Gas, a constant flow pressure regulator with gauge and tubing in a plastic carrying case.



- 9872-60** CO Monitor Calibration Test Kit  
**9872-61** Calibration Span Gas  
**9872-62** Calibration Zero Gas

**O2 CALIBRATION KIT**

Housed in a durable plastic case within integrated carrying handle. Used to check and calibrate the O2 Monitor. Includes a 17 liter cylinder, continuous flow pressure gauge, 3 lbs.

**9871-65****LOW FLOW ALARM**

A low pressure warning device designed to alert that supplied air pressure has decreased below a specified minimum value. A miniature adjustable pressure switch is connected to a battery operated external alarm. The pressure switch is field adjustable. The alarm will be activated if the air pressure falls below the preset (factory set @ 40 PSIG) or user adjusted setting. Alarm will turn off once pressure exceeds the alarm pressure setting.

**9871-50**



**BITREX™ AND SACCHARIN FIT TEST KITS**

The Bitrex™ Fit Test Kit offers qualitative OSHA-compliant fit testing for disposable and reusable dust and mist respirators. Bitrex creates an unmistakable bitter taste that indicates break through in the respirator fit. Bitrex has been found safer than saccharin tests while producing identical results. Disposable glass ampules make pouring solution into nebulizer easier and reduces the chance of contamination.

- 2041** Bitrex Test Kit  
**2041-11K** Sensitivity solution only  
**2041-12K** Test solution only

When the sweet taste of saccharin is detected, the respirator has failed its fit test. The Saccharin Fit Test Kit offers OSHA-compliant testing of disposable and reusable dust and mist respirators. It includes polycoated hood, two nebulizer, sensitivity and fit test solutions, and instructions. Replacement solutions are in ampules.

- 2040** Saccharin Test Kit  
**2040-11K** Sensitivity solution only  
**2040-12K** Test solution only

**DELUXE BITREX AND SACCHARIN FIT TEST KIT WITH PUMP**

Offering qualitative OSHA-compliant fit testing for disposable and reusable dust and mist respirators. Uses a pump to disperse the sensitivity and fit test solution. The automatic fit tester has built-in timing sequence that automatically executes the fit test protocol per OSHA standard 1901.134. Can be operated in handheld mode or remote mode. Comes with 8 each Sensitivity and Test solution cartridges. Bitrex creates an unmistakable bitter taste that indicates a compromised fit.

- 2041-DLX** Deluxe Bitrex Test Kit  
**2041-11KD** Deluxe Bitrex Sensitivity Solution only  
**2041-12KD** Deluxe Bitrex Test Solution only

The Deluxe Saccharin Fit Test Kit has all the same elements as above. Saccharin has an overly sweet odor and when detected, the respirator has failed its fit test.

- 2040-DLX** Deluxe Saccharin Fit Test Kit  
**2040-11KD** Deluxe Saccharin Sensitivity Solution only  
**2040-12KD** Deluxe Saccharin Test Solution only



[www.allegrosafety.com](http://www.allegrosafety.com)

**STANDARD SMOKE TEST KIT**

For qualitative fit testing of air purifying respirators, this Smoke Test Kit offers everything needed for meeting OSHA's protocol for fit testing with smoke. Includes irritant smoke tubes, aspirator assembly, and record form in a protective carry pouch.

- 2050** Kit  
**2050-01** Replacement Tubes 6/box

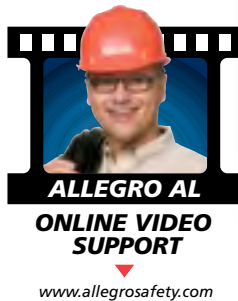
**DELUXE PUMP SMOKE TEST KIT**

The Deluxe Pump Smoke Test Kit includes a smoke fit tube pump with batteries which generates the required 200 ml per minute of smoke, six smoke tubes with caps, and instructions.

- 2055** Kit  
**2050-01** Replacement Tubes, 6/box

**DELUXE BANANA OIL KIT**

Isoamyl Acetate (banana oil) offers the oldest method of testing respirator fit. Its strong, readily identifiable odor will be recognized if respirators don't obtain a proper fit. The kit contains all the equipment necessary to perform a proper fit test, including a fit test tent, jars, 8 1oz. testing agents, paper towels, disposable bags and other necessary components, all housed in a convenient storage and carry case.

**0202****BANANA OIL KIT  
REPLACEMENT SOLUTION****0203-01** 1oz. Solution**STANDARD BANANA OIL KIT**

Designed for quick fit testing, the Standard Kit contains two 1oz. bottles of test agents, vinyl test enclosure, measuring pipette, and paper towels in a handy carry bag.

**0203****RESPIRATOR FIT CHECK AMPULES**

Provides a fast, safe and easy method to perform qualitative respirator fit checks. When activated, the ampules give off a non-irritating odor of banana oil (Isoamyl Acetate). If banana odor is detected by the wearer, the respirator must be adjusted or replaced. 10 ampules per box.

**0201****RESPIRATOR FIT TEST TENT**

Creates a concentrated area for qualitative fit testing. The tent features two openings for convenient respirator adjustment. A saturated towelette can be clipped and hung inside the tent when using it for an Isoamyl Acetate test. Made of nylon reinforced material with a viewing window. 48" high and 24" diameter. *Warning: Do not use tent with Irritant Smoke Test.*

**2060**



1001

3001

**RESPIRATOR CLEANING PADS**

Large (5" x 8"), individually foil-packaged towelettes contain 70% Isopropanol and are designed specifically for rubber respirator facepieces and other personal safety equipment. The box is designed as a wall mounted dispenser or can be wall mounted using the box holder. 100 towelettes per box.

**1001****ALCOHOL FREE CLEANING PADS**

For use on respirator facepieces where the manufacturer recommends using a non-alcohol cleaning wipe. Active ingredient: Benzalkonium Chloride. Will not harm even the most sensitive rubber facepieces. 100 towelettes per box.

**3001****CLEANING PAD BOX HOLDER**

Mounts onto wall surfaces for easy use.

**1001-02****WIPE DOWNS FOR EQUIPMENT**

Easy to use 6"x 7 1/2" wipes for respirator and other personal safety equipment clean-up. These Benzalkonium Chloride and alcohol wipes reduce the hazard of contamination. 220 wipes per canister.

**5001****POP-UP WIPES CANISTER HOLDER**

Impact resistant ABS holder mounts on the wall to store wipe canisters for quick and easy access.

**5001-01** Wall Mount**THE BIG ONES**

Available with the same cleaning ingredients as our Cleaning Pads, these extra large 8"x 11" towelettes are perfect for big cleaning jobs such as full face and supplied air respirators.

**1001-05** Alcohol, 50 per box**3001-05** Alcohol Free, 50 per box**THE BIG ONES**

Available with the same cleaning ingredients as our Cleaning Pads, these extra large 8 x 11" towelettes are perfect for big cleaning jobs such as full face and supplied air respirators.

**1001-10** Alcohol, 100 per box**3001-10** Alcohol Free, 100 per box





### RESPIRATOR CLEANING KIT WITH DRY SOAP

Convenient cleaning and storage for full face and half mask respirators. Contains ninety 1/2oz. packets of water-soluble cleaner, air bulb, bucket, brush, 100 each sterile storage bags and seals, and large 17 quart, two-sided bucket. Kit meets OSHA recommendations.

- 4001** Cleaning Kit
- 4001-02** Dry Replacement Soap
- 4001-05** Disposable Storage Bags, 100/pkg.



IMPROVED



### RESPIRATOR CLEANING KIT WITH LIQUID CLEANER

All the same features as our Respirator Cleaning Kit with the added convenience of a concentrated 1 gallon liquid disinfectant soap. EPA registered. Dilute 1oz. cleaner to 1 gallon water.

- 4002** Cleaning Kit
- 5003** Replacement Liquid Cleaner
- 4001-05** Disposable storage bags, 100/pkg.

IMPROVED



### LIQUID RESPIRATOR CLEANER AND DISINFECTANT

This alcohol-free disinfectant and deodorizer offers a fast-acting, multi-purpose product for environmental surfaces. This formulation is a non-corrosive, EPA registered, ammonium compound effective against: TB, HIV, Hepatitis A, B, & C, MRSA, VISA, VRE, and CA-MRSA. This disinfectant helps you comply with the OSHA Bloodborne Pathogens Standard. Use on floors, walls, metal surfaces, stainless steel surfaces, porcelain, glazed ceramic tile, plastic surfaces, shower stalls, cabinets, or anywhere normally treated with a disinfectant. Combines personal protection and clean-up items mandated by OSHA, and State Health Departments.

- 5003** 1 Gallon

IMPROVED



### CLEANER AND DISINFECTANT SPRAY

For quick and easy, ready to use cleaning and disinfecting of personal safety equipment. Non-streaking cleaner makes this ideal for industrial environments. Convenient trigger spray bottle. The alcohol-free formulation is a non-corrosive, EPA registered, effective against: TB, HIV, Hepatitis A, B, & C, MRSA, VISA, VRE, and CA-MRSA. Intended for use on floors, walls, metal surfaces, stainless steel surfaces, porcelain, glazed ceramic tile, plastic surfaces, or anywhere normally treated with a disinfectant. Combines personal protection and clean-up items mandated by OSHA, and State Health Departments.

- 5004** 32oz.

NEW



### GERMICIDAL WIPES CANISTER

These Ready-to-use wipes kill TB, MRSA, VRE, E Coli and more in 10 minutes and HIV-1 in 2 minutes. These convenient towelettes are pre-saturated and meant for hard surfaces. They leave no lint or particles behind that might scratch or contaminate surfaces. The alcohol free formula is non-flammable, safe to ship and non-corrosive on surfaces. Use on all hard, non-porous surfaces normally treated with a disinfectant.

- 5002** 160 wipes/canister

NEW



### GERMICIDAL WIPES BOX

Pre-saturated hard surface wipes kill TB, MRSA, VRE, E Coli and more in 10 minutes and HIV-1 in 2 minutes. The handy individually packaged towelettes offer an alcohol free formula that leaves behind no particles that might scratch or contaminate surfaces. Intended for use on all hard, non-porous surfaces normally treated with a disinfectant. Ready-to-use and convenient.

- 5005** 50 wipes/box

**SPRAY SOCKS**

Provides comfortable protection against overspray and other particulates. Spray Sock fits over the head and can be worn with goggles, half mask or full mask respirators. The stretch knit material is breathable and cool to wear. One size fits all. Available in packages of 12 or a bulk case of 144.

**1410** Case of 144

**1410-12** Pkg. of 12

**SPRAY SOCK DISPENSER BOX**

Spray socks are available individually bagged with 12 spray socks in a handy dispenser box.

**1410-01** Box of 12

**RESPIRATOR CLEANING SWABS**

Easy to use and good for cleaning full and half mask respirators as well as removing residues. Contains non-sterile, one sided swabs with cotton tip and wood shaft, low lint. 100 per bag, 10 bags per box.

**0205**

**ARM SOCK**

Protect arms from paint overspray, dust and other particulates. 16" long and made of 100% cotton. Provides for a comfortable fit from wrist to shoulder. Available in package of 12 pair or bulk case of 144 pair.

**1440** Case of 144

**1440-12** Pkg. of 12

**DISPOSABLE HALF MASK HOOD**

Designed to fit most APR and SAR half mask respirators, this hood helps extend the life of all half masks, including disposable and limited use respirators. Its patented design offers a large clear window to protect eyes and allow the use of safety glasses while an elastic opening exposes the respirator cartridges and exhalation valve, eliminating the possibility of fogging. 12 per package.

**1411** Polypropylene

**1413** Coated Polypropylene



OUR COMPREHENSIVE LINE

OF CONVENIENT STORAGE

PRODUCTS ALLOW YOUR

RESPIRATOR EQUIPMENT

TO LAST LONGER AND

WORK MORE EFFICIENTLY.

ALLEGRO'S DEFIBRILLATOR

STORAGE LINE IS DESIGNED

FOR EASY AND QUICK

ACCESS—ESSENTIAL TO

STORING LIFE-SAVING

EQUIPMENT.



### DELUXE AND STANDARD WALL CASE

Allegro's wall cases protect respirators against damaging plant and window environments. They are made of corrosion resistant ABS with ultraviolet inhibitors. Nonmetallic hinges and latches prevent rust while a rubber door seal protects equipment from dust and moisture. The Deluxe Case comes with shelf and single SCBA cylinder bracket. The Standard Case offers the same large capacity, without shelf or bracket.

Exterior: 20"w x 13"d x 32½"h

Interior: 18"w x 10"d x 28"h

Weight: 13 lbs.

**4100** Deluxe Wall Case

**4101** Standard Wall Case



### HI-VIZ HEAVY DUTY SINGLE SCBA WALL CASE

Designed for a single SCBA, this low profile wall mounted case provides protection from dust, moisture and damaging plant environments. The Roto-Molded material makes this case lightweight yet extremely rugged.

The Hi-Viz safety yellow or green color makes the case easy to spot in the work environment. Two viewing windows allow easy visibility of the SCBA gauges and internal bracket and straps keep the SCBA secure. Comes standard with universal cylinder bracket. Can be mounted in a corner to reduce profile. Recyclable.

Exterior: 17"w x 14"d x 32"h

Interior: 15¾"w x 12¾"d x 28"h

Weight: 18 lbs.

 **4125** Hi-Viz Yellow  
**4150** Hi-Viz Green



### HI-VIZ HEAVY DUTY DUAL SCBA WALL CASE

Built to store two SCBA units, this low profile, Hi-Viz yellow or green wall mounted case is rugged yet lightweight. Built for simple, fast installation, this wall case is also recyclable and built from Linear Low Density Polyethylene (LLDPE). Four viewing windows on each side allow easy visibility of the SCBA gauges. Cylinder Brackets and straps support the entire weight of the SCBA's. Comes with two universal wall brackets. Recyclable.

Exterior: 34"w x 14"d x 32"h

Interior: 31½"w x 12¾"d x 28"h

Weight: 38 lbs.

 **4325** Hi-Viz Yellow  
**4350** Hi-Viz Green



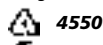




### HI-VIZ HEAVY DUTY EMERGENCY RESPIRATOR WALL CASE

Designed to hold up to two 5 or 10 min EBAs and protect equipment from dust, moisture and plant environments. This lightweight wall case can be mounted in a corner and the hi-viz green color makes locating easy. Made of Linear Low Density Polyethylene (LLDPE), the rugged design features a window for easy visibility of equipment and is recyclable.

Exterior:	14" w x 10" d x 21" h
Interior:	12 3/4" w x 8 3/4" d x 17" h
Weight:	10 lbs.



### RESPIRATOR STORAGE WALL CASE

Perfect for storing APRs, cartridges and other respirator accessories such as fit testing kits, storage bags and cleaning supplies. One shelf included.

Exterior:	14" w x 9 1/2" d x 18" h
Interior:	12" w x 7 1/2" d x 16" h
Weight:	4 lbs.

4400

### EMERGENCY RESPIRATOR WALL CASE

Holds up to two 5- or 10-minute EBAs. Made of corrosion resistant ABS with ultraviolet inhibitors. No interior shelves.

Exterior:	14" w x 9 1/2" d x 21" h
Interior:	12" w x 7 1/2" d x 19" h
Weight:	4 lbs.

4500

### LOCKOUT / TAGOUT WALL CASE

This case can be used both inside and outside. Made to protect supplies from dust and the elements. Comes with three shelves and can be securely locked. 3 shelves included.

Exterior:	14" w x 9 1/2" d x 18" h
Interior:	12" w x 7 1/2" d x 16" h
Weight:	6 lbs.

4400-L



### SCBA COVER KITS

The Deluxe SCBA Cover Kit protects SCBA's from dirt and UV light. Hook and loop closure offers quick access. Includes heavy vinyl cover, silk screened identification, masonite backboard and deluxe tough, yellow steel cylinder bracket.

4110-15	w/ 5 1/4" clip
4110-16	w/ 6 3/4" clip
4110-17	w/ 7 1/4" clip
4110-18	Cover and Backboard only



### SCBA BAG

Easy to transport and store, this durable rectangular carry bag features reinforced handles, shoulder strap and dual zipper entry. Internal padding protects SCBA and mask. Accessory zipper pouch and internal straps with side release buckle. Size: 30" long x 12" wide x 13" high

4100-45



### DELUXE SCBA BRACKET

The Deluxe SCBA Bracket is constructed of durable coated steel.

4111-05	5 1/4" clip fits 30 min., hp
4111-06	6 3/4" clip fits 30 min., lp & 45 min., hp
4111-07	7 1/4" clip fits 60 min., hp

### EBA BRACKET

For escape breathing apparatus. 4 3/4" clip fits 5/10 minute EBA.

4110-04

**PAPR WALL CASE**

This lightweight design features two windows allowing for quick identification of contents. Covered pass-through allows charging while storing and will keep dirt and moisture out. You can store PAPR without disassembling breathing tube. Includes shelf and storage space for batteries, cartridges and filters. 2 shelves included.

Exterior:	20" w x 13" d x 32½" h
Interior:	18" w x 10" d x 28" h
Weight:	14 lbs.

**4100-P**

www.allegrosafety.com

**GENERIC ONE DOOR STORAGE CABINET**

Heavy-duty, steel cabinet includes two adjustable shelves, handle and inspection window. This durable, convenient cabinet also includes Label Kit with 17 custom labels. (See list below.)

Exterior:	14" w x 13" d x 30" h
Interior:	13¾" w x 12¾" d x 29¾" h
Weight:	26 lbs.

**4200****FIRE EXTINGUISHER WALL CASE**

Designed to protect fire extinguishers from dust and harsh workplace environments. Made of high impact, corrosion resistant ABS. High visibility red case make locating easy. Holds all major extinguishers up to 30 lb. size.

Exterior:	20" w x 13" d x 32½" h
Interior:	18" w x 10" d x 28" h
Weight:	9 lbs.

**3100****GENERIC WALL CASES**

These cases are all made of corrosion resistant ABS with ultraviolet inhibitors. The rubber door seal protects against dust and moisture and the non-metallic hinges and latches prevent rust. You can customize these wall cases with the Label Kit. 17 label titles include:

BioSafety Products  
Fire Extinguisher  
Fire Blanket  
Hearing Protection  
Hand Protection

Maintenance Supplies  
Safety Documents, MSDS  
Personal Protection Equipment (PPE)  
Respirator Fit Test Equipment

Instruments  
Respirator Storage  
Disposable Respirators  
Lockout/Tagout

Safety Glasses  
Visitor Specs  
Spill Kit  
First Aid

Small Yellow Case with  
Label Kit and 1 shelf:

Exterior:	14" w x 9½" d x 18" h
Interior:	12" w x 7½" d x 16" h
Weight:	4 lbs.

All Medium Cases with  
Label Kit and 1 shelf:

Exterior:	14" w x 9½" d x 21" h
Interior:	12" w x 7½" d x 19" h
Weight:	5 lbs.

<b>4400-Y</b>	Small Yellow w/Label Kit, 1 shelf
<b>4500-Y</b>	Medium Yellow w/Label Kit, 1 shelf
<b>4500-R</b>	Medium Red w/Label Kit, 1 shelf
<b>4500-G</b>	Medium Green w/Label Kit, 1 shelf
<b>4500-W</b>	Medium White w/Label Kit, 1 shelf
<b>4511-00</b>	Shelf
<b>4500-10</b>	Label Kit (17 Labels)





### RESPIRATOR STORAGE BAGS

Reusable storage bags keep equipment contaminant free. Large (14" x 16") transparent bag with zipper. Made of tough 10 mil. poly to last longer and hold half mask or full mask sizes. Cleaning instructions are printed on bag.

**2000**



### RESPIRATOR AND EQUIPMENT CARRY BAGS

Belt mounted for carrying respirators, gloves, goggles and small tools. Constructed of lightweight nylon reinforced vinyl fabric with hook and loop closure to protect equipment from dust and moisture. Available in half mask and full mask sizes.

<b>2010</b>	(half mask size)	7" w x 4" d x 9" h
<b>2020</b>	(full mask size)	9" w x 5" d x 11" h



### DISPOSABLE RESPIRATOR STORAGE BAGS

Single use disposable storage bags with gusset help prevent cross contamination of any personal safety equipment such as respirators or ear muffs. These large bags come with pressure-sensitive seals where cleaning information can be recorded. Packaged with 100 in a reusable storage bag.

**4001-05** 11" w x 8" d x 21" h



### DISPOSABLE RESPIRATOR STORAGE BAGS

Reduce personal safety equipment contamination by using these extra large single use disposable storage bags. Built with gusset for extra space, these bags are perfect for full masks, half mask and ear muffs. Pressure sensitive labels allow for cleaning documentation. Packaged with 50 in a reusable storage bag.

**4001-06** 12" w x 8" d x 28" h





#### FULL MASK STORAGE BAG

This easy to store bag is made with cotton outer fabric and fleece inside to protect mask. A clear plastic window pocket allows for personal identification. Designed with a drawstring closure, an added locking device feature and special hook which allows you to hang bag when stored. Will fit all full size mask respirators. Size: 16"x 14"

2025



#### DELUXE HELMET STORAGE BAG

Rugged polyester outer shell with fleece inside is built to protect helmets and shields from scratches. Added features include a breathable PVC mesh covering, drawstring closure and carrying strap designed to be used over the shoulder or for hand carry. Zippered inside and outside pockets allow extra storage for lens protectors and accessories. Hook is provided to hang bag when stored and drain hole is at base of bag. Clear plastic window pouch for personal identification. Will accommodate all sizes of helmets. Size: 13½" cylinder

2025-05

#### DELUXE FULL MASK STORAGE BAG

The durable polyester outer shell and fleece inside protects mask from scratches. Added features include a breathable PVC mesh covering, drawstring closure and carrying strap designed to be used over the shoulder or for hand carry. Zippered inside and outside pockets allow extra storage for lens protectors and accessories. Hook is provided to hang bag when stored and drain hole is at base of bag. Clear plastic window pouch for personal identification. Will accommodate all sizes of full mask respirators. Size: 10" cylinder

2025-01



**PLASTIC DEFIBRILLATOR WALL CASE**

White case made of corrosion resistant ABS plastic and high visibility defibrillator graphics. Special features include 6"x 10" window and right hand door opening. Three optional slide in shelves.

Exterior: 14"w x 9½"d x 18"h

Interior: 12"w x 7½"d x 16"h

Weight: 3 lbs.

**4400-D**

**4511-00** Shelf

**DEFIBRILLATOR BAG**

Designed for easy transport and storage. This durable bag features double zipper for easy access, shoulder strap and pockets for accessories. Foam padding protects defibrillator and moveable hook and loop divider accommodates any size defibrillator.

Exterior: 27"w x 10½"d x 14"h

Interior: 20"w x 7"d x 13"h

**4210-05**

**PLASTIC DEFIBRILLATOR WALL CASE WITH STROBE**

Comes with fully sealed, water-proof strobe, powered by 9 volt battery. Also a 130 decibel alarm for audio and visual warning when door is opened. (No shelves included)

**4400-DS**

**PLASTIC DEFIBRILLATOR WALL CASE WITH ALARM**

Same features as the 4400-D with 9 volt battery powered alarm that goes off when door is opened. 130 Decibel Alarm

**4400-DA**

**SMALL METAL DEFIBRILLATOR WALL CASE WITH ALARM**

Metal case comes in corrosion resistant electrostatic white finish. Defibrillator graphics are dominantly displayed. Other features include a 13"x 13" window on door front, right hand door opening and recessed handle. Also included is a battery operated audio alarm. Includes metal shelf.

Exterior: 20¼"w x 9¼"d x 20¼"h

Interior: 20⅞"w x 8¾"d x 20"h

Weight: 23 lbs.

**4210-01**

**SMALL METAL DEFIBRILLATOR WALL CASE WITH ALARM & STROBE**

Additional features include a permanent metal shelf and a battery operated audio alarm and fully sealed water-proof strobe.

Exterior: 20¼"w x 9¼"d x 20¼"h

Interior: 20⅞"w x 8¾"d x 20"h

Weight: 27 lbs.

**4210-S**

WORKING IN ATMOSPHERES LIKELY TO

CONTAIN DANGEROUS PARTICULATES

REQUIRES RELIABLE CONSTANT AIR

MONITORING. NOW THE STANDARD IN

THE INDUSTRY, ALLEGRO'S AIR SAMPLING

PUMPS PROVIDE DEPENDABLE CONTINUOUS

MONITORING OF MOLD, ASBESTOS, LEAD,

AND OTHER DANGEROUS PARTICULATES.



### M2 MULTI-MOLD™ CASSETTE

The M2 is a patented two-sided sampling cassette for easier and more efficient use in the field and in the laboratory. This is the first cassette to provide sampling options to field personnel. Each cassette can be used to:

- Collect two different samples
- Collect two identical samples concurrently
- Collect one sample while using the other side as a control

The M2 Cassette is also the very first of its kind for laboratory personnel. It provides one-time preparation for two samples, pre-printed traverse marks on the collection slide for standardized counting, and side-by-side comparison of the samples under the microscope.

**9804-20** M2 Multi-Mold Cassette Box of 25 Cassettes/50 Samples

**9804-21** M2 Multi-Mold Cassette Box of 5 Cassettes/10 Samples



### LEAD CASSETTE ①

This 37mm, MCE cassette is .8µm mixed cellulose ester and is specifically designed for lead sampling. 50 per box.

**9804-14**

### TEM CASSETTE ②

This 25mm, .45µm + -5.0µm cassette is designed for asbestos final clearance testing. The cassettes incorporate a 2" static conductive extension cowl and meets all applicable standards. 50 per box.

**9804-17**

### PCM CASSETTE ③

A 25mm cassette with .8µm pore size for asbestos sampling. The high quality cassette incorporates a 2" cowl and meets stringent quality standards. 50 per box.

**9804-16**



ONLINE VIDEO  
SUPPORT

[www.allegrosafety.com](http://www.allegrosafety.com)

### SELECTION GUIDE

Part No.	MODEL	M2 MULTI-MOLD™ CASSETTE	IMPACTOR	PCM .8µ CASSETTE	TEM .45µ & 5.0µ CASSETTE	37mm CASSETTE
<b>9805</b>	Diaphragm	■	■	■	■	■
<b>9801 / 9804</b>	A100	■	■	■	■	■
<b>9803</b>	T100	■	■	■	■	■
<b>9800</b>	D-2	■	■	■	■	■
		Mold		Asbestos		Lead



**DIAPHRAGM SAMPLING PUMP**

This cost effective and maintenance free pulsating diaphragm pump will operate efficiently with mold, PCM and TEM cassettes. Lightweight at only 10 lbs the pump comes complete with an adjustable regulator and aluminum tripod, clear vinyl tubing, and a power cord with switch.

- 9805** Diaphragm Sampling Pump with Stand  
**9805-88** Diaphragm Sampling Pump without Stand



[www.allegrosafety.com](http://www.allegrosafety.com)

**JARLESS SAMPLING PUMP**

Lightweight and low maintenance, this rotary vane sampler has a sampling range of 0-30 LPM and is an excellent resource for sampling asbestos (25mm cassettes), lead (37mm cassettes) and mold. This sampler is the best value in the market today, meets OSHA and AHERA standards and comes complete with six feet of vinyl tubing, inline filters, rubber feet, for stability, handle and built-in switch. Optional adjustment aluminum stand. Weight 10 lbs.

- 9801** T-101 Jarless Sampling Pump with stand  
**9801-88** T-101 Jarless Sampling Pump without stand

**D-2 MOLDLITE SAMPLER**

This lightweight, low maintenance, high efficiency-linear oscillating pump has a sampling range of 3-33 lpm. It is excellent for use for sampling mold using all types of mold cassettes, as well as impactors. D-2 is the best value on the market today for the IAQ market, having a long life of 35,000 hours of continuous use, with only two moving parts. It is extremely low maintenance, no lubrication is required, and it is very quiet. It comes complete with a 5-30 lpm fully adjustable flow meter, tripod, six feet of vinyl tubing, and has a built-in handle and switch for added convenience.

- 9800** D-2 Sampler with Stand  
**9800-88** D-2 Sampler without Stand

**SAMPLING PUMP CARRY BAG**

High quality nylon bag is padded to protect your sampling products. The large bag is designed to contain up to two sampling pumps with stands, cassettes, impactors, and all of your on-the-job sampling needs.

**9801-B**

**FLOW METER**

Allegro's flow meters are separate from the pump to allow the user to set the flow for more than one pump with the same meter. Features an expanded scale and includes necessary adapters for use with particulate cassettes. 0-20 LPM.

**9804-03**

OUR COMPLETE VENTILATION SYSTEMS

GIVE YOU A QUICK AND EASY WAY TO

ORDER ALL THE EQUIPMENT YOU NEED

FOR YOUR CONFINED SPACE SITE. OUR

SYSTEMS OFFER CENTRIFUGAL OR AXIAL

BLOWERS INCLUDING NECESSARY

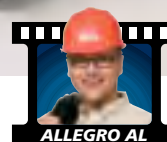
ACCESSORIES TO GIVE YOU ADDED

FLEXIBILITY FOR YOUR SPECIFIC CONFINED

SPACE NEEDS. LET ALLEGRO HELP YOU

BUILD A SYSTEM FROM THE GROUND UP

OR ENHANCE YOUR CURRENT SET-UP.



**ALLEGRO AL**  
**ONLINE VIDEO**  
**SUPPORT**

[www.allegrosafety.com](http://www.allegrosafety.com)

### AIR BAG 8

Featuring an 8" metal blower system with 15' duct built into a heavy duty polyester bag forming an all-in-one unit for ease of operation. Designed with zippered ends that allow blower use without removing blower from the bag. Zipper openings allow for plug/cord inlet and outlet. Easy to carry and store.

Polypropylene nine blade fan, steel/powder coated housing and grill, carry handle with molded-in 2 speed switch. 60 Hz, 1.4 Amps, 2 speed on/off switch. Ducting: Single-Ply lightweight vinyl/polyester PVC coated. Yellow with black wear-strip and integrated nylon attachment strap on one end. Dimensions: 27"l x 15"w x 12"h.

Free Air (high speed) 760 25 lbs ¼ hp 120V AC

**9535-08**



### AIR BAG 12

Featuring a 12" metal blower system with 15' duct built into a heavy duty polyester bag forming an all-in-one unit for ease of operation. Designed with zippered ends that allow blower use without removing blower from the bag. Zipper openings allow for plug/cord inlet and outlet. Easy to carry and store. Polypropylene nine blade fan, steel/powder coated housing and grill, carry handle with molded-in 2 speed switch. 60 Hz, 3.8 Amps, 2 speed on/off switch. Ducting: Single-Ply lightweight vinyl/polyester PVC coated. Yellow with black wear-strip and integrated nylon attachment strap on one end. Dimensions: 28"l x 16"w x 14"h.

Free Air (high speed) 1840 35 lbs ½ hp 120V AC

**9535-12**



Meets the CSA requirements for the following product safety standards: Fans and Ventilators, C22.2 No. 113 Issued: 2008/10/01, Edition 7.





### 8" PLASTIC COM-PAX-IAL BLOWER

This lightweight, corrosion, UV and chemical resistant polyethylene housing offers a superior design with durable construction. The carry handle is molded into the blower. This compact and super quiet unit features a polypropylene nine blade fan and a steel/powder coated grill. The bottom enclosure ensures safe and convenient storage of electrical components. Designed to work separately with canister and ducting. The quick-connect clipping system allows workers to attach canister, tools-free, to input side for powerful extraction or output side for ventilation.

#### AC MODEL

Free Air	One 90° Bend	Two 90° Bends
831 CFM	709 CFM	586 CFM
17 lbs.	1/3 hp	3A/115V AC

**9533** 8" AC COM-PAX-IAL Plastic Blower without canister.



#### EXPLOSION PROOF MODEL

Free Air	One 90° Bend	Two 90° Bends
900 CFM	650 CFM	625 CFM
20 lbs.	1/3 hp	115V AC

**9538** 8" AC Explosion Proof COM-PAX-IAL Plastic Blower without canister.



#### DC MODEL

Can run off truck battery. Designed for easy use and storage, available as a complete system with 15' or 25' of ducting and storage canister, and Alligator Clips.

Free Air	One 90° Bend	Two 90° Bends
816 CFM	526 CFM	442 CFM
17 lbs.	1/3 hp	25A/12V DC

**9536** 8" DC COM-PAX-IAL Plastic Blower without canister.







### 8" PLASTIC COM-PAX-IAL BLOWER WITH CANISTER-15 & 25

This versatile system features the 8" COM-PAX-IAL blower with canister and your choice of 15' or 25' ducting. This lightweight unit is designed with the quick-connect clipping system which allows workers to attach the canister, tools-free, to the input side for powerful extraction or output side for ventilation. The 15' or 25' ducting stores conveniently within the canister. Special design features include blower and canister built-in carry handles, built in on/off switch and safety orange coloration.

#### AC MODELS

Free Air	One 90° Bend	Two 90° Bends
831 CFM	709 CFM	586 CFM
	1/3 hp	3A/115V AC

**9533-15** 8" AC COM-PAX-IAL Plastic Blower with canister and 15' ducting—33 lbs

**9533-15E**



**9533-25** 8" AC COM-PAX-IAL Plastic Blower with canister and 25' ducting—38 lbs

**9533-25E**



#### DC MODELS

Free Air	One 90° Bend	Two 90° Bends
816 CFM	526 CFM	442 CFM
	1/3 hp	25A/12V DC

**9536-15** 8" DC COM-PAX-IAL Plastic Blower with canister and 15' ducting—33 lbs

**9536-25** 8" DC COM-PAX-IAL Plastic Blower with canister and 25' ducting—38 lbs

### 8" PLASTIC BLOWER SYSTEM

The Complete Ventilation System includes everything you'll need for your confined space site. Included is the lightweight plastic blower, six feet and fifteen feet of ducting with a storage bag, and Manhole Ventilation Passthru (MVP).

**9520-33M** AC Plastic Blower System with 8" MVP

**9520-36M** DC Plastic Blower System with 8" MVP



### 8" PLASTIC EXPLOSION PROOF COM-PAX-IAL BLOWER WITH DUCTING

Electric, explosion-proof motor is UL/CSA listed. Single-phase motor includes NEMA rated 115V plug for use with explosion-proof socket (sold separately). Meets Class I, Divisions 1 and 2, Groups C and D and Class II, Divisions 1 and 2, Groups F and G Hazardous Location Requirements.\*

Free Air	One 90° Bend	Two 90° Bends
900 CFM	650 CFM	625 CFM
20 lbs.	1/3 hp	115V AC

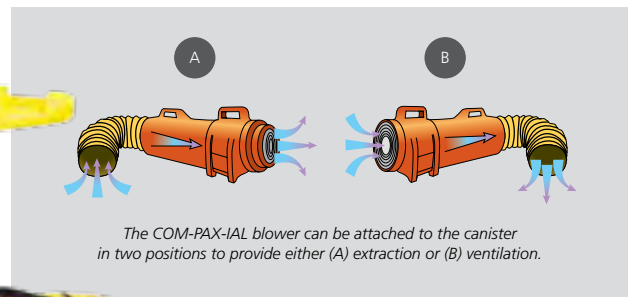
**9538-15** 8" AC Explosion Proof COM-PAX-IAL Plastic Blower with canister and 15' statically conductive ducting—37 lbs

**9538-15E**



**9538-25** 8" AC Explosion Proof COM-PAX-IAL Plastic Blower with canister and 25' statically conductive ducting—44 lbs

**9538-25E**





### 8" INDUSTRIAL PLASTIC BLOWER

This lightweight portable blower is ideally suited for light industrial or utility applications. Maximum airflow is perfect for confined spaces. Super quiet, safety orange, molded carry handle and enclosed electrical components with built in on/off switch are features that make this such a valuable tool. Stackable design allows for multiple units to be used in minimum space. Ducting can be added to both inlet and outlet side of blower. Single phase.

#### AC MODELS

Free Air	One 90° Bend	Two 90° Bends
865 CFM	550 CFM	350 CFM
16 lbs.	1/3 hp	115V/60 Hz

9539-08



### 12" INDUSTRIAL PLASTIC BLOWER

Lightweight, portable and durable, this blower is ideally suited for large confined spaces such as paper mills, tank purging or utility sites. This safety orange blower delivers both positive and negative airflow. Super quiet, molded carry handle, stackable with built in on/off switch as well as enclosed electrical components are all part of the construction and design of this blower. Single Phase.

#### AC MODELS

Free Air	One 90° Bend	Two 90° Bends
2180 CFM	1330 CFM	1255 CFM
31 lbs.	1 hp	115V/60 Hz

9539-12



### 12" DC INDUSTRIAL PLASTIC BLOWER

With all the same great features as the 9539-12, our DC12" provides the added benefit of being able to run off a truck battery. Includes alligator clips.

Free Air	One 90° Bend	Two 90° Bends
1450 CFM	1075 CFM	900 CFM
19 lbs.	1/3 hp	25A/12V DC

9539-12DC

### 12" EXPLOSION PROOF INDUSTRIAL PLASTIC BLOWER

Electric, explosion proof motor is UL/CSA listed. Single phase motor includes NEMA rated 115 plug to be used with an explosion proof plug. Meets Class I Divisions 1 and 2, Groups C and D, Class II divisions 1 and 2, Groups F and G.

Free Air	One 90° Bend	Two 90° Bends
1475 CFM	1300 CFM	1200 CFM
25 lbs.	1/3 hp	115V/60 Hz

9539-12EX





### 12" PLASTIC AXIAL BLOWER WITH CANISTER

The polyethylene housing and canister assembly are designed to be both lightweight and super quiet. Made of corrosion, UV and chemical resistant polyethylene in safety orange. The quick-connect clipping system allows workers to attach the canister, tools free, to the input side for powerful extraction or output side for ventilation. Added features include a molded carry handle and 15' or 25' of PVC coated vinyl and polyester ducting which stores easily within the storage canister.

Free Air	One 90° Bend	Two 90° Bends
1842	1004	933
28 lbs.	1 hp	110/220V AC, 50/60 Hz

**9543** 12" Plastic Axial Blower

**9543-E**



**9543-15** 12" Plastic Axial Blower with canister and 15' ducting—43 lbs

**9543-15E**



**9543-25** 12" Plastic Axial Blower with canister and 25' ducting—49 lbs

**9543-25E**



### 12" DC PLASTIC AXIAL BLOWER WITH CANISTER

With all the same great features as the 9543, our DC 12" provides the added benefit of being able to run off a truck battery. Available as a complete system with 15' or 25' of ducting, storage canister and alligator clips.

Free Air	One 90° Bend	Two 90° Bends
1330	1005	808
28 lbs.	1/3 hp	25A/12V DC

**9546** 12" DC Plastic Axial Blower

**9546-15** 12" DC Plastic Axial Blower with canister and 15' ducting—43 lbs

**9546-25** 12" DC Plastic Axial Blower with canister and 15' ducting—43 lbs



### 12" EXPLOSION PROOF PLASTIC AXIAL BLOWER WITH CANISTER

Electric, explosion-proof motor is UL/CSA listed. Single-phase motor includes NEMA rated 115V plug for use with explosion-proof socket (sold separately). Meets Class I, Divisions 1 and 2, Groups C and D and Class II, Divisions 1 and 2, Groups F and G Hazardous Location Requirements. \*

Free Air	One 90° Bend	Two 90° Bends
1484	1174	1014
28 lbs.	1/3 hp	120V AC, 60 Hz

**9548** 12" AC Explosion Proof COM-PAX-IAL Plastic Blower

**9548-E**

**9548-15** 12" AC Explosion Proof COM-PAX-IAL Plastic Blower with canister and 15' Statically conductive ducting—47 lbs.

**9548-15E**

**9548-25** 12" AC Explosion Proof COM-PAX-IAL Plastic Blower with canister and 25' Statically conductive ducting—54 lbs.

**9548-25E**

### 12" PLASTIC BLOWER SYSTEM


Everything needed for your confined space site is in this Complete Ventilation System from Allegro. It includes the 12" lightweight plastic blower, 6' and 15' of ducting with a storage bag, and Manhole Ventilation Passthru (MVP).

**9520-43M** AC Plastic Blower System with 12" MVP

**9520-46M** DC Plastic Blower System with 12" MVP



 Blowers offered in 220V/50Hz. For more information call Customer Service at 800-622-3530

 Meets the CSA requirements for the following product safety standards:  
Fans and Ventilators, C22.2 No. 113 Issued: 2008/10/01, Edition 7.

CFM calculated using 15' x 8" 12" or 16" ducting based on the diameter of the blower.  
Free Air calculated at blower.

\* See Hazardous Location Information on page 57.

Warning: Explosion-proof blowers must be used with statically conductive ducting.

\*\* Explosion proof Blowers require an explosion proof socket. See page 55.





**8" AC AXIAL INLINE BOOSTER BLOWER**

Designed for use when there is need to run long lengths of ventilation duct and maintain a high CFM. Ducting is attached to both the intake and exhaust ends of the blower. Multiple blowers can be placed in a series to achieve positive or negative ventilation. 8" Axial Blower is lightweight with high CFM, tough steel construction with convenient carry handle and rubber feet. Certified to CSA STE C22.2 No 113 Air Delivery certified CEESI. Duct is sold separately.

**9513-I**



**8" AC AXIAL EXPLOSION PROOF INLINE BOOSTER BLOWER**

Designed for use when the need to run long lengths of ventilation duct and high CFM is needed in a hazardous location. Ducting is attached to both the intake and exhaust ends of the blower. Multiple blowers can be placed in a series to achieve positive or negative ventilation. 8" Axial Blower is lightweight with high CFM, includes NEMA rated 115 V plug. Electric explosion proof motor is UL listed meets Class I Division 1 & 2, Groups C and D, Class II, Division 1 & 2 Groups F and G. Statically conductive duct is sold separately.


**9513-05I**



**HEATER**

Designed for use with 9513 Axial Blower only. High output propane heater features solid state ignition, flame indication light and flow control. CEESI and CSA certified.

70,000 BTU	15/110V	20 lbs.
Dimensions:	14 3/4" h x 12 3/4" w x 17 3/4" d	

**9513-50** 


Use with regulator Part No. 9513-52 and appropriate propane bottle.



**PROPANE HEATER BLOWER**

One piece Axial Blower/Heater. Propane, requires only 45,000 BTUs of input to raise heat 125°. 120 VAC 4 Amps. CEESI and CSA certified.

Free Air	One 90° Bend	Two 90° Bends
424	380	366
47 lbs.	1/3 hp	3A/115V AC

**9513-75** 



**THREE SPEED CARPET DRYER BLOWER**

Designed for speed drying of wet carpets, pads, floors and walls. Lightweight, plastic housing and stackable for convenient storage. The integrated carry handle allows for easy transport. Flat outlet allows blower to be directed under carpets. Squirrel Cage Fan. CFM: low speed 1780, medium speed 1837 high speed 1888.

Dimension:	20" h x 20" w x 17" d	
Weight:	27 lbs	
Power Supply:	1/2 hp	110V/60 Hz


**9519-03** Three Speed




**THREE SPEED CARPET DRYER BLOWER**

Designed for speed drying of wet carpets, pads, floors and walls. This blower has many of the same features as the 9519-03 but offered in 220V/50hz. The lightweight, plastic housing and the integrated carry handle allow for easy transport. It's stackable for convenient storage and comes with a flat outlet which allows the blower to be directed under carpets. Squirrel Cage Fan. CFM: Contact customer service for more information.

Dimension:	21" h x 15" w x 21" d	
Weight:	32 lbs	
Power Supply:	1/2 hp	220V/50 Hz

 **9519-03E**

 Blowers offered in 220V/50Hz. For more information call Customer Service at 800-622-3530  
CFM calculated using 15' x 8" 12" or 16" ducting based on the diameter of the blower. Free Air calculated at blower.





### 8" AC AXIAL BLOWER

With the highest output available from an 8" Axial Blower, this compact unit offers lightweight and high output from an AC electric motor. It is designed with tough steel construction, a durable grill, convenient carrying handle and rubber feet. Its small profile means easy storage. Certified to CSA STD C22.2 No 113. Air delivery certified CEESI.

Free Air	One 90° Bend	Two 90° Bends
1275	661	582
19 lbs.	1/3 hp	3A/115V AC

**9513**  
ETL  
**9513-E**

### 8" DC AXIAL BLOWER

Perfect for locations where electricity is not available, this 8" DC Axial Blower may be operated off a truck battery. It features a 12 volt DC electric motor with thermal protector, single speed performance. Extremely lightweight and portable, it includes a cord with alligator clips.

Free Air	One 90° Bend	Two 90° Bends
1150	595	530
18 lbs.	1/3 hp	25A/12V DC

**9506**



### 8" AC AXIAL BLOWER WITH CANISTER-15 & 25

Engineered for convenience, this 8" Axial Blower is an all-in-one ventilation system. The design allows ducting to collapse into a built-in canister for easy storage. The unit can also be stored vertically to use a minimum amount of space. Includes blower, built-in storage canister and 15 or 25 feet of ducting. Certified to CSA STD C22.2 No 113. Air delivery certified CEESI.

Free Air	One 90° Bend	Two 90° Bends
1275	661	582
32 lbs.	1/3 hp	3A/115V AC

**9514** 15 ft. of ducting. —  
**9514-E** 15 ft. of ducting.

Free Air	One 90° Bend	Two 90° Bends
1275	661	582
46 lbs.	1/3 hp	3A/115V AC

**9514-25** 25 ft. of ducting. —  
**9514-25E** 25 ft. of ducting.

### 8" DC AXIAL BLOWER WITH CANISTER-15 & 25

This complete, all-in-one ventilation system includes an 8" Axial Blower powered by a 12 volt DC motor, 15 or 25 feet of ducting and a built in storage canister. The handle and feet make this lightweight system very portable and easy to store.

Free Air	One 90° Bend	Two 90° Bends
1150	595	530
31 lbs.	1/3 hp	25A/12V DC

**9506-01** 15 ft. of ducting.

Free Air	One 90° Bend	Two 90° Bends
1150	595	530
37 lbs.	1/3 hp	25A/12V DC

**9506-25** 25 ft. of ducting.





### 8" AC AXIAL EXPLOSION PROOF BLOWER

Electric, explosion-proof motor is UL listed. Single-phase motor includes NEMA rated 115V plug (included). It offers tough steel construction and meets Class I, Divisions 1 and 2, Groups C and D and Class II, Divisions 1 and 2, Groups F and G Hazardous Location Requirements.\*

Free Air	One 90° Bend	Two 90° Bends
890	825	770
31 lbs.	1/3 hp	3.3A/115V AC

**9513-05** Blower only

**9513-05E**

**9514-05** 15 ft. of statically conductive ducting with canister, 49 lbs.

**9514-05E**

**9514-06** 25 ft. of statically conductive ducting with canister, 57 lbs.

**9514-06E**



### AC AND DC AXIAL BLOWER SYSTEM WITH MVP

Easy to order, easy to use Complete Ventilation Systems including all the most requested equipment you need for your confined space site. The systems include a choice of Allegro's most popular blowers, six feet and fifteen feet of ducting with a storage bag, and a Manhole Ventilation Passthru (MVP). The Axial Blower Systems offer lightweight portability with the highest output available from axial-style blowers. See individual blower descriptions for CFM, weight and other specifications.

### AXIAL BLOWER VENTILATION SYSTEMS

**9520-06M** DC Axial Blower System with MVP

**9520-14M** AC Axial Blower System with MVP

Blowers offered in 220V/50Hz. For more information call Customer Service at 800-622-3530



Meets the CSA requirements for the following product safety standards:  
Fans and Ventilators, C22.2 No. 113 Issued: 2008/10/01, Edition 7.

CFM calculated using 15' x 8" 12" or 16" ducting based on the diameter of the blower.  
Free Air calculated at blower.

\* See Hazardous Location Information on page 57.

Warning: Explosion-proof blowers must be used with statically conductive ducting.


\*\* Explosion proof Blowers require an explosion proof socket. See page 55.



### 8" AC COM-PAX-IAL BLOWER

Weighing 13% less than our 9513, this blower features a venturi inlet to increase CFM. Designed with tough steel construction, rubber feet, handle and a durable grill. Complete with AC electric motor. Blower sold separately or with quick-connect 15' or 25' ducting canister.

Free Air	One 90° Bend	Two 90° Bends
778	645	496
17 lbs.	1/3 hp	3A/115V AC

**9534** 

### 8" DC COM-PAX-IAL BLOWER

The COM-PAX-IAL blower can run off a truck battery when you're on the road. 12 volt DC electric motor with single speed performance. Lightweight and easy to store. Features a cord with alligator clips, handle, durable grill, and tough steel construction that's built to last. Blower sold separately or with quick-connect 15' or 25' ducting canister.



Free Air	One 90° Bend	Two 90° Bends
796	667	480
16 lbs.	1/4 hp	13A/12V DC

**9537**

### 8" AC COM-PAX-IAL BLOWER WITH CANISTER-15 & 25

This lightweight and compact COM-PAX-IAL blower can be an all-in-one ventilation system sold with quick-connect 15' or 25' ducting canister which attaches quickly without tools with Cam-lock latches.

Free Air	One 90° Bend	Two 90° Bends
778	645	496
	1/3 hp	3A/115V AC

- 9534-15** AC COM-PAX-IAL Blower w/15' Canister Assembly, 34 lbs —   
**9534-15C** 15' Canister conversion kit (use with 9534 & 9537)  
**9534-25** AC COM-PAX-IAL Blower w/25' Canister Assembly, 37 lbs —   
**9534-25C** 25' Canister conversion kit (use with 9534 & 9537)

### 8" DC COM-PAX-IAL BLOWER WITH CANISTER-15 & 25

All the same features of the AC model in a DC model with CFM rate of 796 Free air. Blower with quick-connect 15' or 25' ducting canister. This attaches quickly without tools, comes with alligator clip cord and with Cam-lock latches. Both Blower and Canister come with handles.

Free Air	One 90° Bend	Two 90° Bends
796	667	480
31 lbs.	1/4 hp	25A/12V DC

**9537-15** 15 ft. of ducting.

Free Air	One 90° Bend	Two 90° Bends
796	667	480
36 lbs.	1/4 hp	25A/12V DC

**9537-25** 25 ft. of ducting.



### 12" STANDARD AXIAL BLOWER

This unit can be used for both delivering fresh air or extracting contaminated air. Tough steel construction with handle and weighing only 27 lbs. makes this blower easy to transport. Add 12" standard ducting for greater flexibility. High RPM motor.

Free Air	One 90° Bend	Two 90° Bends
1763	1401	1227
27 lbs.	1/3 hp	3A/115V AC

**9509** 

### 12" HIGH OUTPUT AXIAL BLOWER

Designed for maximum output applications, this 12" offers 1/2 hp with 3 blade impeller. Power cord includes an inline on/off switch.

Free Air	One 90° Bend	Two 90° Bends
2202	1674	1598
40 lbs.	1/2 hp	

**9509-50**   
 **9509-50E**

### 12" TO 8" REDUCER

Reduces 12" blower output to 8" duct. Use only with 9509-50.

Free Air	One 90° Bend	Two 90° Bends
1365	690	597

**9509-03**

### 12" EXPLOSION-PROOF BLOWER

Same as our 12", but includes explosion-proof UL listed, single phase motor and NEMA rated 115V plug. Meets Class I, Division 1 and 2, Groups C & D, Class II Division 1 and 2 Groups F & G.

Free Air	One 90° Bend	Two 90° Bends
1636	1255	1156
33 lbs.	1/3 hp	3.3A/125V AC

**9509-01**   
 **9509-01E**

### 12" DC METAL BLOWER

Made from rugged steel with a handle of easy transport. This blower can run off a truck motor. Features Alligator clips, 12 volt electric motor.

Free Air	One 90° Bend	Two 90° Bends
1685	1220	1020
24 lbs.	1/3 hp	25A/12V DC

**9529**



### 16" STANDARD BLOWER

Designed for very large confined spaces this large 16" axial blower delivers high output for drawing or pushing air. The durable and tough metal housing holds a 6 blade impeller. Stackable for multiple blower use.

Free Air	One 90° Bend	Two 90° Bends
3400	2800	2300
47 lbs.	1/2 hp	7.2 A/115V AC

**9515**  
ETL  
9515-E

### 16" HIGH OUTPUT BLOWER

Designed for applications requiring a maximum amount of output, this 16" High Output Blower offers a 2 hp electric motor housed in a rugged metal casing. Its efficient 3 blade impeller and high powered motor allow for high air flow. Stackable for multiple blower use. Includes a special 30 amp plug.

Free Air	One 90° Bend	Two 90° Bends
5500	4950	4400
74 lbs.	2 hp	21A/10.5A/115/230V AC

**9516**  
ETL

### 16" EXPLOSION-PROOF BLOWER

Same as our 16" Standard Blower, but includes explosion-proof UL/CSA listed, single phase motor and NEMA rated 115V plug. Meets Class I, Division 1 and 2, Groups C & D, Class II Division 1 and 2 Groups F & G.

Free Air	One 90° Bend	Two 90° Bends
2900	1800	1750
67 lbs.	1/2 hp	8.2/4.1A/115/230V AC

**9515-01**  
ETL

### 16" EXPLOSION-PROOF HIGH OUTPUT BLOWER

Designed for applications requiring a maximum amount of output. Made from 16 gauge cold rolled steel housing and power coated in safety orange with 4 blade impeller. Powered by a 1 1/2 hp, 3450 RPM UL Listed, IECex/ATEX/INMETRO Certified Motor. Comes with an 115V plug, interchangeable flange for intake or exhaust mounting, integrated carry handles on all four sides for easy transport and a steel/zinc plated grill. 4 rubber feet, built in on/off switch, voltage change switch and stackable are added features of this powerhouse unit.

Free Air	One 90° Bend	Two 90° Bends
2900	1800	1750
67 lbs.	1 1/2 hp	8.2/4.1A/115/230V AC, 60 Hz

**9515-50EX**



### 20" STANDARD BLOWER

Designed for large confined spaces, this 3 blade impeller can be used for ventilating or extricating air. It comes with 16 gauge cold rolled steel housing and integrated carry handles on four sides. It's stackable with rubber feet and power coated in hi-viz orange.

Free Air	One 90° Bend	Two 90° Bends
4650 CFM	3150	2950
56 lbs.		7.2A/115V AC

**9525**  
ETL  
9525-E

### 20" HIGH OUTPUT BLOWER

Designed for applications requiring a maximum amount of output. Made from 16 gauge cold rolled steel housing and power coated in safety orange with 4 blade impeller. Interchangeable flange for intake or exhaust mounting. Integrated carry handles on all four sides for easy transport. Steel/Zinc plated grill, 4 rubber feet and stackable are added features of this powerhouse unit. 2 HP UL Listed, CSA Certified motor.

Free Air	One 90° Bend	Two 90° Bends
7500	6700	6130
83 lbs.	2 hp	21A/10.5A/115/230V AC

**9525-50**  
ETL

### 20" EXPLOSION-PROOF BLOWER

Electric, explosion proof motor is UL/CSA listed single phase motor and NEMA rated. 115V plug and 3 blade fan. Meets Class I, Division 1 and 2, Groups C & D, Class II Division 1 and 2 Groups F & G.

Free Air	One 90° Bend	Two 90° Bends
4650 CFM	3150	2950
75 lbs.		8.2/4.1A/115/230V AC

**9525-01**  
ETL

### 20" EXPLOSION-PROOF HIGH OUTPUT BLOWER

Designed for applications requiring a maximum amount of output. Made from 16 gauge cold rolled steel housing and power coated in safety orange with 4 blade impeller. Powered by a 1 1/2 hp, 3450 RPM UL Listed, IECex/ATEX/INMETRO Certified Motor. Comes with an 115V plug, interchangeable flange for intake or exhaust mounting, integrated carry handles on all four sides for easy transport and a steel/zinc plated grill. 4 rubber feet, built in on/off switch, voltage change switch and stackable are added features of this powerhouse unit.

Free Air	One 90° Bend	Two 90° Bends
2900	1800	1750
67 lbs.	1 1/2 hp	8.2/4.1A/115/230V AC, 60 Hz

**9525-50EX**

Blowers offered in 220V/50Hz. For more information call Customer Service at 800-622-3530

Meets the CSA requirements for the following product safety standards:  
Fans and Ventilators, C22.2 No. 113 Issued: 2008/10/01, Edition 7.

CFM calculated using 15" x 8" 12" or 16" ducting based on the diameter of the blower.  
Free Air calculated at blower.

\* See Hazardous Location Information on page 57.

Warning: Explosion-proof blowers must be used with statically conductive ducting.

\*\* Explosion proof Blowers require an explosion proof socket. See page 55.





### STANDARD BLOWER

Excellent for most ventilating needs, especially confined space. Designed with tough polyethylene housing, metal safeguards and a steel fan for durability. Two 8" ports offer positive ventilation or fume extraction, and the metal base with feet offers greater stability. The electric motor is cage-enclosed for protection. Comes with an on/off switch and built-in carry handle for increased portability. Works great with generators. Air delivery certified CEESI.

Free Air	One 90° Bend	Two 90° Bends
1066	839	745
38 lbs.	1/3 hp	3.6A/115V AC

9504



### HIGH OUTPUT CENTRIFUGAL BLOWER

Designed for environments that require faster purge time or larger confined spaces, this High Output Blower offers the same features as the Standard Blower, with a cage-enclosed 3/4 hp motor for higher CFM output. Tough polyethylene housing offers lightweight durability, and the metal safeguards and steel fan offer greater safety.

Free Air	One 90° Bend	Two 90° Bends
1570	1100	900
45 lbs.	3/4 hp	12A/110V/220V AC

9504-50



9504-50E



### TWO SPEED BLOWER

This blower offers greater flexibility by allowing workers to use high speed in some applications such as purging an area, and the lower speed in other sites such as very dusty environments. The 8" ports allow for positive or negative ventilation and the steel box mounted electric motor and tough polyethylene housing are designed for durability. Comes complete with in-line GFI and steel base for safety.

#### Low Speed

Free Air	One 90° Bend	Two 90° Bends
760	500	360
64 lbs.	3/4 hp	4A/115V AC

#### High Speed

Free Air	One 90° Bend	Two 90° Bends
1850	1050	800
64 lbs.	3/4 hp	10A/115V AC

9507



### HEAVY DUTY BLOWER

High performance and durability are built into this Heavy Duty Blower. Its large 1 1/2 hp motor and 8" ports deliver high CFM allowing workers to draw out or push air in. The electric motor is totally enclosed and the high impact polyethylene housing offers greater durability.

Free Air	One 90° Bend	Two 90° Bends
1700	1200	960
61 lbs.	1 1/2 hp	16A/115/230V AC

9502



### HEAVY DUTY EXPLOSION-PROOF BLOWER

Electric, explosion-proof motor is UL/CSA listed. Single-phase motor includes Hazardous Location NEMA rated 115V plug (included). ABS housing provides non-sparking safety. Meets Class I, Divisions 1 and 2, Group D and Class II, Divisions 1 and 2, Groups F and G Hazardous Location Requirements.

Free Air	One 90° Bend	Two 90° Bends
1570	1100	900
76 lbs.	3/4 hp	11A/115/230V AC

9503



9503-E



**GAS BLOWER / SUBARU**

Perfect for remote locations where electricity is unavailable, this gasoline-powered, 5.7 hp blower offers high flow rates. The 8" ports and steel guards provide safety and the polyethylene housing with built-in handle offers durability and convenience. It is designed with a sturdy metal base that minimize blower rocking and offers greater stability. 3.5 quarts of gasoline will power 3-4 hours of running time. Blower includes 6 foot inlet hose extension.

Free Air	One 90° Bend	Two 90° Bends
2000-3000	1500-2500	1350-2350
63 lbs.	5.7 hp Subaru (four stroke)	

**9505****GAS BLOWER / HONDA**

Offering portability and the same output and weight as the 9505, plus the durability of a Honda engine. Polyethylene housing with built-in handle offers convenience in transport. The sturdy metal base offers great stability. Blower includes 6 foot inlet hose extension.

Free Air	One 90° Bend	Two 90° Bends
750-1600	500-1200	450-1000
58 lbs.	4 hp Honda (four stroke)	

**9505-50****AIR-DRIVEN BLOWER**

Ideal for areas where a compressor is readily available, this air-driven model requires 30 CFM at 40 psi. It uses an aluminum fan for explosion-proof requirements and includes a steel base, polyethylene housing, 2-stage filter, regulator, and lubricator.

*If used in hazardous environments, use statically conductive ducting.*

Free Air	One 90° Bend	Two 90° Bends
1800	1350	900
43 lbs.		

**9508****STANDARD BLOWER SYSTEM WITH MVP**

Our Complete Ventilation Systems include all the most-asked-for equipment you need for your confined space site. The systems include a choice of Allegro's most popular blowers, six feet and fifteen feet of ducting with a storage bag and a Manhole Ventilation Passthru (MVP). The Centrifugal Blower Systems offer lightweight portability with the highest output available. See individual blower descriptions for CFM, weight and other specifications.

<b>9520-04M</b>	AC Standard Blower System with MVP
<b>9520-50M</b>	High Output Blower System with MVP
<b>9520-05M</b>	Gas Blower System with MVP (Subaru)
<b>9520-07M</b>	Two Speed Blower System with MVP
<b>9520-03M</b>	Ex Blower System

*CFM calculated using 15' x 8" ducting.  
Free Air calculated at blower.*

**The Venturi Blowers from Allegro are a perfect solution to moving air in refineries, utility and power plants, shipyards, paper and pulp plants, the marine and steel industry and manhole operations.**

Use the Venturi Blowers to remove poisonous, explosive or hazardous fumes from confined spaces such as process towers, tanks, and large pipes. You can cool workers in elevated temperature conditions, or cool heavy equipment that may be in danger of overheating with a blast of directed air.

Our line of high-performance, lightweight Venturi Blowers help to create a safe, healthy working environment leading to greater efficiency and productivity. Welding fumes, hot air, gases and smoke can all be removed quickly and easily. And our Venturi Blowers can also be used to move fresh air into a manhole.



### OPERATION

Compressed air or saturated steam is the power source for our Venturi Blower line. Small volumes of high velocity air (from the compressed air source) run through the casting and out the nozzle jets, creating a venturi action or pulling action that creates large volumes of air through the venturi and out the air diffuser.

A 1/2" hose with a "crows foot" connection is recommended from your air supply source to the side inlet connection. The compressor size required can be determined by checking the chart on air consumed at various inlet pressures. Operate this Venturi Blower on air or steam lines limited to 140 psi.

- Choose from Metal or Anti-Static Plastic Linear Low Density Polyethylene (LLDPE)
- Lightweight construction
- Convenient carry handles for one-person portability to any location
- No guards required
- Multiple inlet ports
- Sturdy steel galvanized steel diffuser
- All models include a crow's foot inlet connection
- Static ground is attached to the base of all blowers
- Single piece cast aluminum inlet housing



S P E C I F I C A T I O N S							
Part Number	Overall Length	Diameter of Base	Diameter Top of Horn	NPT Size	Bolt Circle Diameter	Basic Slot Diameter	Net Weight
<b>9518-03S</b>	16.75"	7.31"	6.00"	.5"	6.56"	0.4"	5.5 lb
<b>9518-13S</b> (plastic)	16.75"	7.31"	6.00"	.5"	6.56"	0.4"	4.4 lb
<b>9518-03</b>	30.50"	7.31"	7.00"	.5"	6.56"	0.4"	8.5 lb
<b>9518-13</b> (plastic)	30.50"	7.31"	7.00"	.5"	6.56"	0.4"	6.2 lb
<b>9518-06</b>	44.25"	11.25"	12.50"	1"	10.50"	0.4"	22.3 lb
<b>9518-16</b> (plastic)	44.25"	11.25"	12.50"	1"	10.50"	0.4"	14.9 lb
<b>9518-08</b>	46.06"	14.37"	14.25"	1"	13.62"	0.5"	36.0 lb
<b>9518-18</b> (plastic)	46.06"	14.37"	14.25"	1"	13.62"	0.5"	26.3 lb
<b>9518-10</b>	48.00"	17.50"	15.75"	1"	15.50"	0.6"	42.0 lb



VENTURI BLOWERS

A I R F L O W			
Part No.	Inlet Pressure		
	40 PSIG	60 PSIG	80 PSIG
AIR CONSUMED:			
9518-03S	36 SCFM	50 SCFM	62 SCFM
9518-13S (plastic)	36 SCFM	50 SCFM	62 SCFM
9518-03	36 SCFM	50 SCFM	62 SCFM
9518-13 (plastic)	36 SCFM	50 SCFM	62 SCFM
9518-06	73 SCFM	98 SCFM	124 SCFM
9518-16 (plastic)	73 SCFM	98 SCFM	124 SCFM
9518-08	114 SCFM	152 SCFM	193 SCFM
9518-18 (plastic)	114 SCFM	152 SCFM	193 SCFM
9518-10	194 SCFM	268 SCFM	405 SCFM
TOTAL AIR FLOW:			
9518-03S	815 CFM	981 CFM	1182 CFM
9518-13S (plastic)	815 CFM	981 CFM	1182 CFM
9518-03	1017 CFM	1231 CFM	1482 CFM
9518-13 (plastic)	1017 CFM	1231 CFM	1482 CFM
9518-06	2385 CFM	2885 CFM	3347 CFM
9518-16 (plastic)	2385 CFM	2885 CFM	3347 CFM
9518-08	3152 CFM	4152 CFM	4929 CFM
9518-18 (plastic)	3152 CFM	4152 CFM	4929 CFM
9518-10	6200 CFM	7500 CFM	8500 CFM

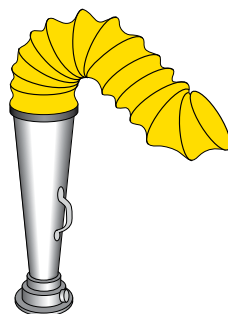
EXAMPLE:

When using 9518-03S or 9518-13S with air supply 40 PSIG and 36 SCFM, the total outlet air flow will generate up to 815 CFM.

Models 9518-03, 9518-03S, 9518-13, and 9518-13S use 8 inch ducting.

Model 9518-06 uses 12 inch ducting.

Models 9518-08, 9518-10, 9518-16, and 9518-18 use 16 inch ducting.



ACCESSORY PART NUMBERS

9500-01	Duct to Duct Connector for 8" Ducting
9600-01	Duct to Duct Connector for 16" Ducting
9600-50	Adapter/Reducer 16" to 8"
9500-45	Storage Bag for 8" Duct
9600-45	Storage Bag for 16" Duct
9500-35	Storage Rack for 8" Duct
9600-36	Storage Rack for 16" Duct

DUCTING PART NUMBERS

9500-15	15' of 8" Duct
9500-25	25' of 8" Duct
9500-15EX	15' of 8" Statically Conductive Duct
9500-25EX	25' of 8" Statically Conductive Duct
9600-15	15' of 16" Duct
9600-25	25' of 16" Duct
9600-15EX	15' of 16" Statically Conductive Duct
9600-25EX	25' of 16" Statically Conductive Duct

See Blower Accessories page 55.

PNEUMATIC BLOWERS



JET FAN 20"

This heavy duty aluminum fan can be used as a blower or exhaust by simply reverse mounting. Compressed air is pushed through a nozzle at the end of each blade creating the fan to propel at speeds up to 16,900 CFM or 11,000 CFM at 100 psig quickly and efficiently. Heavy duty ball bearings are permanently lubricated and sealed for the life of the fan. Added features include ¾" side mount inlet connector and fan is spark resistant. Easy to transport with recessed handles or it can be rolled. 9 7/8" h x 24 3/4" diam.

9518-20



JET FAN 24"

Compressed air is pushed through a nozzle at the end of each blade creating the fan to propel at speeds up to 16,900 CFM or 11,000 CFM at 100 psig quickly and efficiently. This heavy duty aluminum fans can be used as a blower or exhaust by simply reverse mounting. Added features include ¾" side mount inlet connector, heavy duty ball bearings permanently lubricated and sealed for the life of the fan and a spark resistant unit. Easy to transport with recessed handles or it can be rolled. 11 3/4" h x 32 3/4" diam.

9518-24

C F M A T G I V E N S T A T I C P R E S S U R E ( I N W G )						
PSIG	CFM	0"	1"	2"	3"	4"
40	125	7000	4500	2500	1050	
60	160	9500	7200	5150	3450	2100
80	210	11000	9450	7700	6000	4500
40	230	11500	9000	5200	3400	1000
60	324	14500	12500	10100	7800	5600





#### 8" MANHOLE VENTILATION PASSTHRU (MVP)

The first manhole system that combines the low profile manhole air vent, 90° elbow and built in mounting all in one unit. This unit comes with a collapsible duct for easy entry, stored in a small storage bag that can be dropped down into the manhole with a quick release of the drawstring. The collapsible duct springs back into shape once worker is down into the manhole. The ducting is vinyl and polyester with PVC coating and heat resistant up to 180°F. The manhole cover fits into a flat channel corner for stabilization. Compact, lightweight and made from Linear Low Density Polyethylene (LLDPE), the MVP is not statically conductive. This unit is easy to store and ships in one small carton. Recyclable.



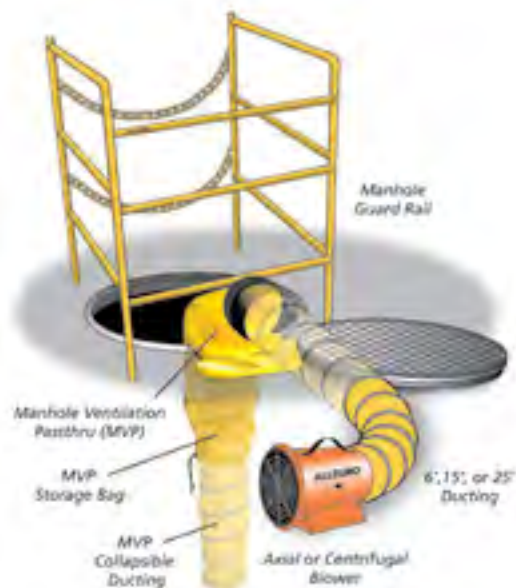
- 9510-50** Manhole Ventilation Passthru (MVP)  
**9510-55** Manhole Ventilation Passthru (MVP) w/15' ducting

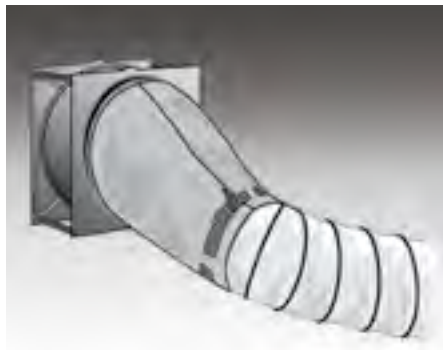


#### 12" MANHOLE VENTILATION PASSTHRU (MVP)

The first manhole system that combines the low profile manhole air vent, 90° elbow and built in mounting all in one unit. This unit comes with a collapsible duct for easy entry, stored in a small storage bag that can be dropped down into the manhole with a quick release of the drawstring. The collapsible duct springs back into shape once worker is down into the manhole. The ducting is vinyl and polyester with PVC coating and heat resistant up to 180°F. The manhole cover fits into a flat channel corner for stabilization. Compact, lightweight and made from Linear Low Density Polyethylene (LLDPE), the MVP is not statically conductive. This unit is easy to store and ships in one small carton. Recyclable.

- 9510-60** Manhole Ventilation Passthru (MVP)  
**9510-65** Manhole Ventilation Passthru (MVP) w/15' ducting



**ADAPTER REDUCER**

Reduces 16" blower output to 8" duct. Made of flexible soft nylon. For use with 9515 and 9515-01 blowers. Includes duct-to-duct connector.

**9600-50** 16" - 8"

**METAL ADAPTER**

Reduces 12" blower output to 8" duct. Use only with 9509-50.

**9509-03B** 12" - 8" Soft Reducer

**AXIAL INLET ADAPTER**

Useful to utility, welding and construction workers, this adapter allows an axial blower to draw fumes and other contaminants out of a work area quickly and effectively. Ducting mounted to the adapter will disperse contaminated air away from the work area. It can be used on any Allegro 8" metal Axial Blower and allows a single axial blower to work in two completely different applications.

**9500-03**

**EXPLOSION PROOF SOCKET**

Designed for use in hazardous locations. Features an iron mounting box with triple coat finish and spring-loaded door keeping dust out of receptacle when plug is not in use. When plug is in use, a neoprene gasket inside receptacle seals around plug keeping out dirt, water, dust and other foreign matter.

**9503-03**

**STANDARD EXTENSION CORD**

This 50' yellow extra heavy duty cord will power 20 and 15 AMP, 120 V. Weather resistant at temperature range of 58°F (-50°C) to 140°F (60°C). Includes rugged and durable clear molded plugs. Meets OSHA specifications and UL listed. Weighs 13 lbs.

**9540-50**

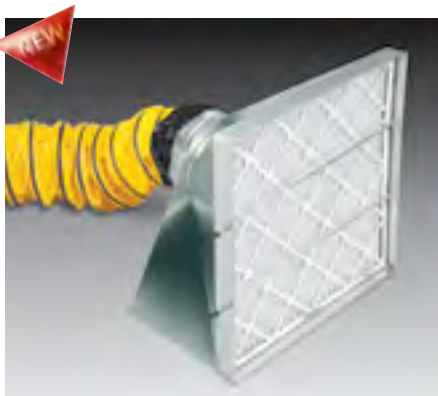
**EXPLOSION PROOF EXTENSION CORD**

This 50' black extension cord comes with a 20 AMP connector and plug. Weather resistant at a temperature range of -40°F (-40°C) to 194°F (90°C). Flexible and provides excellent abrasion resistance. UL Listed and CSA certified for indoor and outdoor use. CSA Certifications: Class I Division 1 & 2 Groups B, C, and D; Class II, Division 1 & 2 Groups F\* and G.

\*Do not use where electrically conductive dusts are present (most coal dust is not electrically conductive). Weighs 15.5 lbs.

**9540-50EX**

Explosion Proof Extension Cord

**BLOWER FILTER BOX**

Hook up your existing blower with 8" ducting to the back of Allegro's Filter Box. It filters the ambient air from or to the blower through the Filter Box. Can be attached on either inlet or outlet side of blower for positive or negative filtration. Filters particulates and dust. Made of galvanized sheet metal. Operates with up to two filters inserted at once. One filter included. Dimensions are 24" L x 24" W. Weighs 13 lbs.

**9500-34**

**Y-DUCT CONNECTOR**

Allegro's Y-Duct Connectors helps distribute air flow in multiple directions. Made of industrial grade galvanized sheet metal and is sized to fit standard 8" or 12" circular ducting. The adapter inlets measure 8"x 8"x 8" and 12"x 12"x 12" respectively. Easily connects to your ducting by using standard ring clamps. Using multiple Y-Duct Connectors with other fittings may reduce your air flow.

**9500-Y** 8" diameter Y-Duct Connector, 2½ lbs  
**9550-Y** 12" diameter Y-Duct Connector, 4 lbs

**DUCT TO DUCT CONNECTOR**

Allows safe connection of additional ducting for remote locations, this connector is constructed of galvanized steel with a raised lip to hold ducting in place.

**9500-01** 8" diameter  
**9550-01** 12" diameter  
**9600-01** 16" diameter  
**9650-01** 20" diameter





8" DIAM. DUCTING

12" DIAM. DUCTING

16" AND 20" DIAM. DUCTING

### DUCTING

We can handle all your ducting needs with this extensive offering in 4 different diameters: 8", 12", 16" and 20". The 8" ducting is available in 6', 15' and 25' lengths. The 12", 16" and 20" are available in 15' and 25' lengths. Lightweight and retractable, this ducting is designed for maximum air handling capabilities and built for dual direction flow with minimum friction loss. Vinyl and polyester materials with PVC coating make this single ply duct stand up to any rugged environment. The non-collapsible design and yellow with black weather strip for visibility on the job, also meets ASTM 227 specs. Ducting provides temperature resistance up to 180°F.

#### DUCTING

	8"	12"	16"	20"
6 feet	<b>9500-06</b>	<b>9550-06</b>		
15 feet	<b>9500-15</b>	<b>9550-15</b>	<b>9600-15</b>	<b>9650-15</b>
25 feet	<b>9500-25</b>	<b>9550-25</b>	<b>9600-25</b>	<b>9650-25</b>

### STATICALLY CONDUCTIVE DUCTING

We also offer 4 different ducting diameters, 8", 12", 16" and 20" in 15' and 25' lengths for static conductive environments. This lightweight and retractable duct is designed for maximum air handling capabilities with dual direction flow and low friction loss, while providing a safe positive means of discharging static build-up. Single ply, designed with vinyl and polyester materials and a neoprene coating, create a temperature resistance up to 250°F. This ducting is integrated with extended solid grounding wire at each end. It meets ASTM Specs and UL-94-VO requirements. It is rated to 1,000,000 OHMS or less per square inch.

#### STATICALLY CONDUCTIVE DUCTING

	8"	12"	16"	20"
15 feet	<b>9500-15EX</b>	<b>9550-15EX</b>	<b>9600-15EX</b>	<b>9650-15EX</b>
25 feet	<b>9500-25EX</b>	<b>9550-25EX</b>	<b>9600-25EX</b>	<b>9650-25EX</b>



### 8" PLASTIC DUCT STORAGE CANISTER

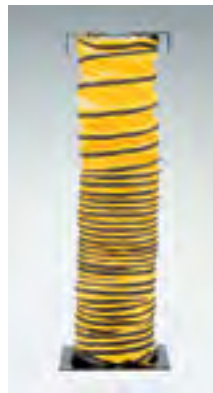
Constructed from Linear Low Density Polyethylene (LLDPE), this canister is lightweight and holds 25' of 8" ducting. The molded handle for easy transport, secured lid with strap and side release plastic buckle are additional design features.

**9500-55**

### 12" PLASTIC DUCT STORAGE CANISTER

Holds 25' of 12" ducting and is constructed from Linear Low Density Polyethylene (LLDPE) making it lightweight. The molded handle for easy transport, secured lid with strap and side release plastic buckle are additional design features.

**9550-55**



### STORAGE RACKS

Durable 8", 12" or 16" diameter racks designed for rugged use.

**9500-35**

Storage Rack for 8" Duct

**9600-36**

Storage Rack for 12" and 16" Duct



### DUCT STORAGE BAG

For easy storage and transportation. Polyester bag with cylinder shape for tight controlled fit will hold 8", 12", 16" or 20" duct, up to 25'. Features double zipper for ease of access, reinforced carry handle and shoulder strap.

**9500-45**

8" Duct

**9600-45**

12", 16" or 20" Duct



### LAY FLAT DUCTING

Lightweight air ventilation tubing (similar to a plastic bag) manufactured from durable clear polyethylene, has been engineered for maximum elasticity, flexibility, toughness, and resistance to splitting and tearing. Most commonly used for transferring large volumes of forced air to confined areas, such as water restoration projects, building renovations or other temporary applications. Not designed for permanent installations. Collapses when airflow stops. Unaffected by moisture and most chemicals. Resistant to bacterial and fungal growth (suitable for use in food preparation areas). 41°F to 150°F (5°C to 65°C) temperature range. 22" diameter (not inflated).

**9500-500**



Scan this code to access our  
Blower CFM calculator.

### VENTILATION AIR EXCHANGE CHART

Allegro Industries recommends air  
exchange at a rate of at least  
20 times per hour.

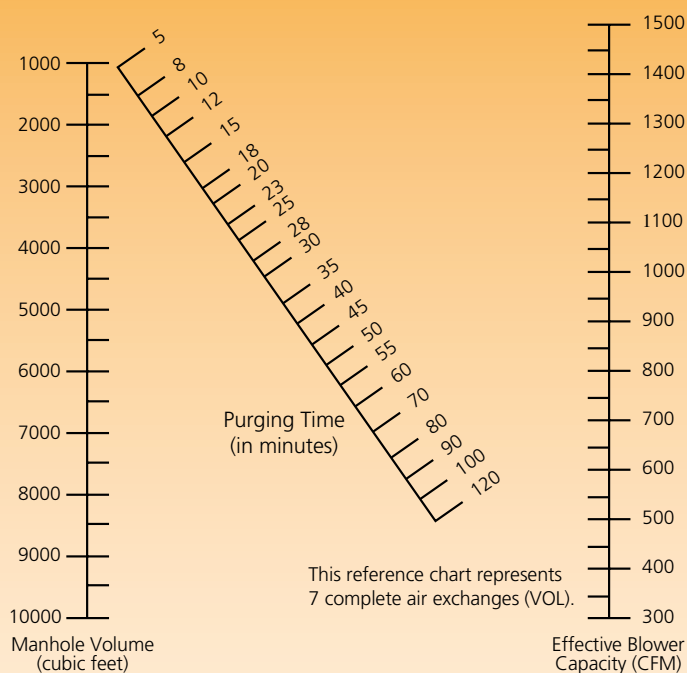
**CONFINED SPACE VOLUME**  
(CUBIC FEET) **BLOWER CUBIC FEET PER MIN. (CFM) OUTPUT NEEDED\***

1000	333
2000	667
3000	1000
4000	1333
5000	1667
6000	2000
7000	2333
8000	2667
9000	3000
10000	3333

\*Take into account 90° bends of ducting. See  
specifications under each  
blower description.

### USE OF ALIGNMENT CHART:

1. Place straightedge on manhole volume (left scale).
2. Place other end of straightedge on blower capacity (right scale).
3. Read required purging time, in minutes, on diagonal scale.
4. If two blowers are used, add the two capacities, then proceed as above.
5. When toxic gases are encountered, increase purging time 50%.
6. Effective blower capacity is measured with one or two 90° bends in standard 15-foot blower hose. See chart.



## HAZARDOUS LOCATION INFORMATION

Reference: Explosion Proof Blowers: 9503, 9515-01, 9513-05, 9514-05, 9514-06, 9509-01, 9538, 9538-15, 9538-25 and 9525-01\* National Electrical Code (NEC)

A hazardous location is an area where the possibility of explosion and fire is created by the presence of flammable gases, vapors, dusts, fibers or flyings.

NOTE: Fibers and flyings are not likely to be suspended in the air, but can collect around machinery or on lighting fixtures and where heat, a spark or hot metal can ignite them.

### CLASS I

(NEC-500-5)

Those areas in which flammable gases or vapors may be present in the air in sufficient quantities to be explosive or ignitable.

### DIVISION I

(NEC-800-5, 6, 7)

In the normal situation, hazard would be expected to be present in everyday production operations or during frequent repair and maintenance activity.

### TYPICAL CLASS I LOCATIONS

- Petroleum refineries, and gasoline storage and dispensing areas.
- Industrial firms that use flammable liquids in dip tanks for parts cleaning or other operations.
- Petrochemical companies that manufacture chemicals from gas and oil.
- Dry cleaning plants where vapors from cleaning fluids can be present.
- Companies that have spraying areas where they coat product with paint or plastics.
- Aircraft hangers and fuel servicing areas.
- Utility gas plants, and operations involving storage and handling or liquefied petroleum gas or natural gas.

### CLASS II

(NEC-500-6)

Those areas made hazardous by the presence of combustible dust.

### DIVISION 2

(NEC-500-5, 6, 7)

In the abnormal situation, material is expected to be confined within closed containers or closed systems and will be present only through accidental rupture, breakage or unusual faulty operation.

### TYPICAL CLASS II LOCATIONS

- Grain elevators, flour and feed mills.
- Plants that manufacture, use or store magnesium or aluminum powders.
- Plants that have chemical or metallurgical processes, producers of plastics, medicines, and fireworks, etc.
- Producers of starch or candies.
- Spice-grinding plants, sugar plants and cocoa plants.
- Coal preparation plants and other carbon-handling or processing areas.

### CLASS III

(NEC-500-7)

Those areas in which there are easily ignitable fibers or flyings present, due to type of material being handled, stored, or processed.

### GROUPS

(NEC-500-3)

The gases and vapors of Class I locations are broken into four groups by the code: A, B, C, and D. These materials are grouped according to the ignition temperature of the substance, its explosion pressure and other flammable characteristics. The dust locations of Class II are designated E, F, and G. These groups are classified according to the ignition temperature and the conductivity of the hazardous substance.

NOTE: For detailed group descriptions refer to NEC-500-3.

### TYPICAL CLASS III LOCATIONS

- Textile mills, cotton gins, cotton seed mills and flax processing plants.
- Any plant that shapes, pulverizes or cuts wood and creates sawdust or flyings.

CONSTRUCTED TO THE HIGHEST  
STANDARDS FOR DURABILITY AND  
EASE OF USE, YOU'LL FIND THIS LINE OF  
CONFINED SPACE SUPPORT EQUIPMENT  
STANDS UP TO THE ELEMENTS IN THE  
HARSHEST CONDITIONS. THE INNOVATIVE  
DESIGN FEATURES IN THE WORK TENT  
PRODUCTS AND THE EXPANDED GROUP  
OF DEWATERING PUMPS WILL SUPPLY  
YOU WITH THE TOOLS YOU NEED NOW  
AND THEY WILL LAST WELL INTO THE  
FUTURE. AT ALLEGRO, WE KNOW YOU  
NEED TO RELY ON QUALITY PRODUCTS  
WHEN YOU'RE ON THE JOB.



## WORK TENTS AND HEATERS



### ECONOMY WORK TENT

Utility shelter springs from backpack into full size (6'd x 6'w x 7'h) tent in seconds. Made from water-resistant, flame-retardant and UV-treated nylon, with 360° reflective striping. Quick set-up from the inside or outside, with two floor-to-floor fiber poles for better stability and structural strength. One large door and two large windows offer easy access for worker and equipment, and open bottom allows for protection while working over manhole covers or excavation sites. Comes in high-viz green, with twelve yellow 9" plastic stakes, and folds to 31"l x 2 ½" h. Weighs 22 lbs.



**9403-66**



### TENT HEATER

The lightweight Tent Heater offers the rugged, heavy duty design of all steel housing with enclosed heating elements and a sealed motor. This powerful heater will raise the temperature 50°F in a work tent. It is UL listed, CSA approved, requires 110V AC, and offers 1500 watts of 5000 BTU with 115 CFM airflow. 12" x 8" x 12", Weighs 14 lbs.

**9401-50**



**DELUXE WORK TENT**

Easy to use and very durable, the Deluxe Work Tent features quick set-up from the inside or outside with fiberglass rod frame. These frames are uniquely designed to not pull out or poke through the fabric. A handy attached roll-up flap provides compact storage, easy transport, and means no missing storage bag. Offered in three sizes, it is available in a one door design with zipper closure, or a two door design with one zipper and one roll-up door. The pitch roof style provides extra headroom, structural strength, and repels snow and water. Frame rods are bolted for increased stability and the unbreakable hinges are made of rolled steel. The free-standing structural stability is excellent in windy conditions. For safety, side panels are high-visibility green, and the white color of the tent allows proper lighting for color matching. Included is a blower duct tube in the rear of the tent, and a covered window. Flame retardant. Weighs 32 lbs.

<b>9401-66</b>	6'd x 6'w x 6 ½'h, 1 door
<b>9401-86</b>	8'd x 6'w x 7 ½'h, 1 door
<b>9401-88</b>	8'd x 8'w x 7 ½'h, 1 door
<b>9402-66</b>	6'd x 6'w x 6 ½'h, 2 doors
<b>9402-86</b>	8'd x 6'w x 7 ½'h, 2 doors
<b>9402-88</b>	8'd x 8'w x 7 ½'h, 2 doors

Height measured from peak of roof

**HI-VIZ GREEN UTILITY CANOPY SHELTER**

The perfect shelter for confined space sites, utilities or any work place where shade/shelter is needed. Affordable and featuring hi-viz green for visibility, this polyester canopy offers 100% UV protection, meets CPAI 84 fire code and is water and fire resistant. Powder coated steel frame requires no tools for set up. Rust proof ABS foot pads provide greater ground stability, and pull pin leg adjusters offer easy height adjustment and leveling capacity. This canopy offers a full truss ceiling design. Included are four steel stakes and nylon rope for securing canopy shelter and storage bag. Easy pop-up for quick set-up and tear-down. Comes with a convenient carry/storage bag. Dimensions: 10' x 10' Clearance from ground to lowest tress 7' 1" (maximum) Overall height 11' (maximum), Weighs 53 lbs

**9403-10****SIDE WALL KIT**

This optional Kit for the Canopy (9403-10) includes a continuous 3 wall panel. The white color of the side wall panel allows proper lighting for color matching. Made of 210D Polyester and meets CPAI 84 fire code.

**9403-11**

**ALLEGRO AL**  
**ONLINE VIDEO**  
**SUPPORT**

[www.allegrosafety.com](http://www.allegrosafety.com)



### MANHOLE GUARD RAIL

Designed to protect an area 33" x 33", this 42" high guard rail collapses to only 44" square x 4" for easy storage. Weighing 34 lbs., the strong, one inch tubular .078 gauge steel construction is powder-coated in safety yellow for a durable finish and high visibility. Simple one-piece construction offers easy, no-tools assembly. Rail locks open and two hooking chains provide protected entry and exit. Accommodates signs, flags or lights, and for convenience, it can be used with a guard rail tent, umbrellas or winch.

**9401**

### HIGH IMPACT POLYMER MANHOLE SHIELD

Constructed of rugged, lightweight Polyethylene with bright yellow material that resists fading. Will fit 27", 30" and 32" diameter manholes with an inflatable seal that ensures a watertight seal. Designed with 4-outtrigger support gussets that stabilize the shield and is 12" tall to keep water and mud out of manhole as you work. Can be used with Allegro guard rail.

**9401-12**

### GUARD RAIL WINCH

Raising and lowering equipment into confined space can be impossible without this durable winch. Even with a 300 lb. capacity, it is lightweight and portable, allowing easy mounting on guard rails. The side pieces are constructed of high tensile, heavy gauge aluminum with a durable yellow finish that resists weather and wear. The winch bar is constructed of rugged high tensile steel tubing with a 3" drum for fast recovery. Two independent ratchet systems, and a double-disc automatic brake offer load control and security. The 1/2" x 35' Dura-Plex™ braided rope is strong and durable. Guard rail not included.



**9401-10** Guard Rail Winch  
**9401-36** 35' Winch Rope

*WARNING: Not for use as a personal retrieval device.*



### DELUXE UMBRELLA

This 84" diameter umbrella offers low cost protection from sun and rain. It features heavy duty vinyl in safety yellow with a sturdy, 92" two-part metal pole that tilts for convenience. It can be pushed into the ground or strapped to the manhole guard rail. For easy storage, it collapses to 4' x 6" in length.

**9403**



### ECONOMY UMBRELLA

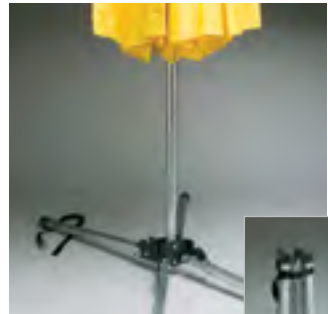
Using the same heavy-duty safety yellow vinyl as the Deluxe Umbrella, the Economy model uses a strong, pointed 84" two-part wood pole, is 68" in diameter and collapses to 4' x 6" in length.

**9403-01**

### NONCONDUCTIVE UMBRELLA

This 84" diameter Nonconductive Umbrella will protect you from the sun and rain at your job site. Constructed of waterproof UV treated laminated vinyl with poles and fittings made from non-metallic material and leather reinforced ends for added safety. The sturdy 48" pole with extension allows for adjustability measures up to 96". Set up and breakdown in seconds. Water-resistant storage bag included.

**9403-03**



### UMBRELLA STAND

When the umbrella pole cannot be driven into the ground, this metal stand with four locking legs that offers stability and ensures against collapse. The legs fold up for compact storage and easy transport.

**9403-05**



### MANHOLE SIGN

Meeting OSHA's confined space warning requirements by reminding workers to follow proper confined space procedures, these high impact polycarbonate signs fit under the manhole cover. The clear material offers a view into the manhole, and ventilation holes allow air out, and water to drain in. Also allows use of instrument probes without removal. Available in two sizes. Custom sizes and signs are available with volume orders.

**9400-24** 24" Manhole Sign  
**9400-26** 26" Manhole Sign





### MAGNETIC MANHOLE LID LIFTER

Designed for quick and safe removal and replacement of manhole covers by yourself. Minimizes stress and strain on back and body. Collapsible for easy storage and transport. Can access uneven textured surface found on manhole covers with dual position lifting points to provide the power to break loose the most stubborn covers. Eliminates the use of pry bars. For safety purposes, the magnet must be in contact with manhole cover to be engaged. Moves covers up to 36". Offered with Steel or Aluminum Dolly.

- 9401-25** Steel Dolly and 300 lb. magnet (lift weight)
- 9401-26** Steel Dolly and 600 lb. magnet (lift weight)
- 9401-25A** Aluminum Dolly and 300 lb. magnet (lift weight)
- 9401-26A** Aluminum Dolly and 600 lb. magnet (lift weight)
- 9401-27** Steel Dolly
- 9401-27A** Aluminum Dolly



### MAGNET

Offered in two strengths, the lifting magnet will lift manhole lids up to 300 lbs. The heavy duty magnet will lift manhole lids up to 600 lbs. Requires no special tools or power sources.

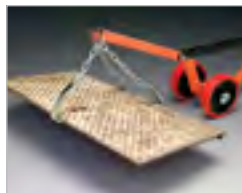
- 9401-28** 300 lb. magnet (lift weight)
- 9401-28S** 600 lb. magnet (lift weight)



### LARGE 10" PUNCTURE PROOF WHEELS

10" puncture proof wheels increase foot print for use on soft ground. Drop axles ensure height remains the same as when using standard wheels.

**9401-29**



### STORM GRATE LIFTING ADAPTER

Three hooks for easy lifting and moving rectangular storm grates.

**9401-30**



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### MAGNETIC LID LIFTER SPREADER BAR

Allows the use of two magnets simultaneously for those extra heavy and over sized lids or grates. Bar hangs onto existing dolly without the need to assemble. Magnets not included. Weighs 6 lbs.

**9401-31**



### MAGNETIC LID LIFTER HOOK

Designed to angle the hook for those hard to reach manholes. The zinc-plated, 5/0 chain is 24 inches long for adjustability. Made of 4130 tempered steel to hold up to the heaviest lids. Heat treated to 30-35 RC & oil quench. Also included: anchor shackle (3/8" diam., 3/8" pin., 13/16" spread) and threaded connector (3/8" diam., 2 7/16" L x 3/4" W)

**9401-32**



### MAGNETIC LID LIFTER EXTENSION

Extends the overall length by 7 inches to increase the leverage for heavier lids. Also extends the distance from the wheels for very large lids. Attached to the existing dolly with set screw and pin.

**9401-33**



### MAGNETIC LID LIFTER EXTENSION HANDLE

Extends existing handle on each side by 7 inches making each handle 12 inches long. This allows two workers to push down on the lid lifter for those heavy lids. Attached to existing handles and set in place with bolt and nut assembly.

**9401-34**



### MANHOLE LID LIFTER

The toughest manhole covers are easy to move with this one piece lifter. It features a long all-steel handle that provides the leverage necessary to lift the heaviest lids. For safe storage, the alloy steel hook recesses and locks into the pole. Rubber grips on the handle and foot prevent slips and cadmium-plating fights rust. 42" long, 9 lbs.

**9401-20**





### AC DEWATERING AND SLUDGE PUMPS

Portable, submersible pumps are excellent for manholes, vaults, construction sites, and all dewatering needs. They offer top discharging which allows continuous operation at low water levels and extended dry-runs without overheating. Includes synthetic rubber wear parts and vortex impeller for durability. All pumps and hoses feature fire hose-style quick connect fittings, and a V-ring system to protect the shaft seal from abrasives.



#### SLUDGE PUMP

Excellent for pumping standing water containing sand, solids, leaves or debris at a maximum of 50 gallons per minute. Submersible to 39 feet and continuous running water level to 3 1/2". 1/2 hp motor.

**9404-04**



#### STANDARD PUMP

Offers easy disassembly with one 12mm box/socket wrench.

**9404-02**



#### LOW WATER PUMP

Perfect for civil engineering sites, utility pits or any general dewatering application where all water must be drained. Pumps down to 3/16".

**9404-03**



#### DC SUBMERSIBLE DEWATERING PUMP

This Pump is a totally enclosed, submersible dewatering unit. Perfect for dewatering ditches, manholes and tasks at construction sites. Watertight o-ring seals keep pump's internal parts completely dry. Can operate on any 12 volt truck or automobile battery. Battery clips on the power cord are included for easy connection to the battery. Delivers up to 43 gallons per minute (gpm) for rapid dewatering and instant prime. Low 30 AMP draw allows for an hour of operation without starting the engine. 1/3 hp, 12 volt DC 30 AMP motor, 30' cord. Weighs 33 lbs.

**9404-05**



#### PUMP DISCHARGE HOSE

Features tough PVC material, collapsible design for compact storage and fire-hose quick-connect design. 50' x 2"

**9404-50**

S P E C I F I C A T I O N S													
PART NUMBER	MODEL	DISCHARGE BORE INCH	MOTOR OUTPUT HP	PHASE	TOTAL HEAD* (MAX.) FT.	CAPACITY (MAX.) GAL/MIN	RATED CURRENT- AMPS	STARTING METHOD	WEIGHT	LENGTH OF CABLE FT.	DIMENSIONS INCHES DIAMETER HEIGHT		C.W.L. * INCH
9404-01	Deluxe Pump	2	1	Single	60	96	11.5	Capacitor	40	32	8¼	16¾	3⅞
9404-02	Standard Pump	2	⅔	Single	39½	63½	5.4	Capacitor	21	32	7⅞	12	2
9404-03	Low Water Pump	2	⅔	Single	39	63	5.4	Capacitor	21	32	8¼	12	¾
9404-04	Sludge Pump	2	½	Single	39	50	5.1	Capacitor	25	16	9½	13⅜	3½
9404-05	Submersible Pump	1.5	⅓	Single	25	43	30.0		33	30	10	19¼	

#### Max. Cable Length (including standard 32 ft.):

Deluxe: 110V – 73 ft., 3c x 14AWG  
Standard: 110V – 97 ft., 3c x 16AWG

Low Water: 110V – 97 ft., 3c x 16AWG  
Sludge: 110V – 102 ft., 3c x 16AWG  
DC Submersible: 30 ft., 8AWG

\* Total Head — Maximum depth pump may be submerged.

\* C.W.L. — Continuous Running Water Level

## BACK SUPPORT

## ERGONOMICS

ALLEGRO HAS AN IMPRESSIVE LINE OF  
ERGONOMIC PRODUCTS INCLUDING OUR  
TOP-OF THE LINE, PATENTED FLEXBAK®  
FEATURING A UNIQUE THREE-PART  
SUPPORT SYSTEM PROVIDING CUSTOM  
FIT AND UNRIVALED LUMBAR SUPPORT.  
OUR MAXBAK® OFFERS PATENTED DUAL  
SIDE CLOSURE PROVIDING ABDOMINAL  
SUPPORT AND COMFORT. AS ALWAYS,  
ALLEGRO COMBINES THE HIGHEST  
QUALITY MATERIALS AND DESIGN  
ENGINEERING FOR OUR OTHER BACK,  
WRIST, ELBOW, AND KNEE SUPPORTS.


**FLEXBAK®**

Flexbak helps reduce back stress and strain with a design so unique it's patented. Its three-part support is the key to a system that provides maximum back support with ease of movement. Because no two bodies are exactly the same, this 9" medical-style truss uses two internal support panels above and below the waist surrounded by an elastic third panel. These combine to produce maximum bracing without pinching or riding up. Available in four sizes. Suspenders included.



		<b>Flexbak</b>
Small	26" to 36"	<b>7115-01</b>
Medium	36" to 48"	<b>7115-02</b>
Large	48" to 58"	<b>7115-03</b>
X Large	58" to 68"	<b>7115-04</b>

**NOW COMES WITH  
SUSPENDERS!**



Flexbak





#### **SPANBAK™**

Spanbak features a two-part closing design in breathable spandex backed with rubber grip webbing to help prevent ride-up. Polyethylene plastic stays provide support and strength. This easy care, washable belt is 8" wide and available in five sizes (S through XXL) in black. Includes detachable suspenders.

Small	33" to 36"	<b>7190-01</b>
Medium	37" to 40"	<b>7190-02</b>
Large	41" to 44"	<b>7190-03</b>
X Large	45" to 48"	<b>7190-04</b>
XX Large	49" to 54"	<b>7190-05</b>



#### **ECONOMY BELT**

This economical support is designed with an 8" elastic back panel, positive hook and loop material front panels and 3" wide elastic V-shaped side pulls. Includes wide detachable elastic suspenders. Available in black, in four sizes.

Small	26" to 32"	<b>7176-01</b>
Medium	32" to 38"	<b>7176-02</b>
Large	38" to 47"	<b>7176-03</b>
X Large	47" to 56"	<b>7176-04</b>

#### **ECONOMY HI-VIZ**

Offers the added safety of high-visibility green suspenders and side elastic pulls. Excellent for road work.

Small	26" to 32"	<b>7178-01</b>
Medium	32" to 38"	<b>7178-02</b>
Large	38" to 47"	<b>7178-03</b>
X Large	47" to 56"	<b>7178-04</b>





## BACK SUPPORT

**DELUXE SPANBAK**

The high quality, lightweight back support you have been waiting for! Features a two-part closure designed of breathable, heavy duty spandex-style material. Four polyethylene plastic stays are lined with rubber anti-ride-up grippers. Wide elastic, removable suspenders are fully adjustable. The full 9" width and five sizes provide comfort and fit of the highest quality.

Small	32" to 36"	<b>7195-01</b>
Medium	36" to 40"	<b>7195-02</b>
Large	40" to 44"	<b>7195-03</b>
X Large	44" to 48"	<b>7195-04</b>
XX Large	48" to 54"	<b>7195-05</b>

**BODYBELT**

The Bodybelt offers a serious 9" wide back support with two-part closure. The medical-style elastic back and non-elastic side panels include polyethylene plastic stays with gripping material to eliminate ride-up. It features removable, fully adjustable suspenders and is available in black in four sizes.

Small	26" to 36"	<b>7160-01</b>
Medium	36" to 48"	<b>7160-02</b>
Large	48" to 58"	<b>7160-03</b>
X Large	58" to 68"	<b>7160-04</b>

**ALL FIT BACK SUPPORT**

High performance 9 1/2" wide belt design offers full support and fit for most wearers from small to large. Comfortable neoprene pad fits center of back over spine. Breathable Spandex, vented V-pulls and front padded cushions all allow added comfort. 4 polyethylene plastic stays mean greater fit. Comes in reusable zipper storage bag.

Small – Large	26" to 48"	<b>7170</b>
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**MAXBAK®**

Maximum support in a weightlifting-style belt. A 5" back and 4" front panel deliver effective support. The unique patented dual side closing system evenly distributes back and front pressure where it is equally important for a proper fit without pinching or creeping. Washable material in black and silver.



Small	26" to 36"	<b>7120-01</b>
Medium	36" to 48"	<b>7120-02</b>
Large	48" to 58"	<b>7120-03</b>
X Large	58" to 68"	<b>7120-04</b>

**LIFTBAK**

A rugged 5" belt with rigid foam that forms to the body for maximum support. Buckle and locking closure holds securely yet allows easy adjustment. Brushed lining and soft edges add to comfort and a wide 2" nylon strap provides additional support to the water-proof foam core. Its rugged nylon shell is designed for freedom of movement for easy, all-day wear.

Small	26" to 36"	<b>7130-01</b>
Medium	36" to 48"	<b>7130-02</b>
Large	48" to 58"	<b>7130-03</b>
X Large	58" to 68"	<b>7130-04</b>

**BACK SUPPORT REUSABLE BAG**

Our handy zipper bag is perfect for storage. A clear plastic front for easy viewing of product and polypro breathable sides allow the belt to air out while being stored. The hanging loop allows the bag to be easily displayed. Comes as standard packaging for SpanBak, Deluxe SpanBak, Economy Belts, Economy Hi-Viz, All Fit and Body Belt.



### DUAL-FLEX™

Designed for firm support, the Dual-Flex contains four stays on the front and back of the wrist to limit flexion (downward) and extension (upward) movement and encourage neutral wrist position. The straps wrap completely around the wrist for added support. Easy to put on, it is lined to keep hands dry and fits both right and left hands. Available in black.

X Small	<b>7212-00</b>
Small	<b>7212-01</b>
Medium	<b>7212-02</b>
Large	<b>7212-03</b>
X Large	<b>7212-04</b>



### RIST-RAP

An elastic wrapping for the wrist that helps support it while lifting or during other activities. Shown is Rist-Rap with Thumb. The thumb loop provides added support. Sold in pairs or individually in black. One size fits all.

	One Size
Black (Pair)	<b>7211</b>
With Thumb, Black (Ea.)	<b>7211-03</b>



### DELUXE ELBOW PAD

This strong support offers abrasion-resistant flexible caps backed by soft foam padding. Fully adjustable hook and loop closures along with elastic sleeves provide a comfortable, custom fit. One size fits all.

	One Size
Black (Pair)	<b>7104</b>



### MAXRIST®

Maxrist offers a restrictive metal spoon stay that fits in the palm to eliminate the symptoms of CTS and other repetitive strain injuries. Its lightweight flexible materials does not hinder finger movement.

	Right/Black	Left/Black
Small	<b>7109-01</b>	<b>7110-01</b>
Medium	<b>7109-02</b>	<b>7110-02</b>
Large	<b>7109-03</b>	<b>7110-03</b>
X Large	<b>7109-04</b>	<b>7110-04</b>



### FLEXRIST®

The comfortable all around support of Neoprene that can be worn on either the right or left hand. Available in black.

	Black
Regular	<b>7111-01</b>
X Large	<b>7111-02</b>



### THIN FLEXRIST

Same great features as Flexrist, but slightly thinner to fit easily into work gloves.

One Size - Black	<b>7311</b>
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### WRIST SUPPORT SIZING INFORMATION



X Small	4 ½" to 5 ½"
Small	5 ½" to 6 ½"
Medium	6 ½" to 7 ½"
Large	7 ½" to 8 ½"
X Large	8 ½" to 9 ½"

ALLEGRO OFFERS THE MOST COMPLETE  
SELECTION OF KNEEPADS AVAILABLE.  
DESIGNED FOR SUPERIOR COMFORT AND  
SUPPORT, THIS EXPANDED LINE OFFERS  
THE RIGHT KNEEPAD FOR YOUR JOB—  
FROM FLOORING AND LANDSCAPE  
CONTRACTORS TO ROOFERS AND UTILITY  
WORKERS. STRONG, LIGHTWEIGHT  
CONSTRUCTION MEANS YOU CAN WEAR  
THEM COMFORTABLY ALL DAY. THEIR  
OUTSTANDING DURABILITY MEANS  
GREATER VALUE FOR YOUR BUDGET.

K N E E   P R O T E C T I O N

**MAXKNEE**

Perfect for kneeling on rough abrasive surfaces, MaxKnee is excellent for any application that demands maximum performance. It is designed with a hard ABS knee cap that resists abrasion and works with an extra long pad for optimum comfort. Available with two comfortable, fully adjustable elastic straps connecting with hook and loop closures. Available in navy.

**7102****QUICKMAX**

Designed for fast and easy attachment, our MaxKnee is available with this unique quick release buckle that eliminates the need for readjusting the straps. The elastic straps offer comfort and flexibility while maintaining stability. The buckle is completely adjustable and is designed for durability and comfort.

**7102Q****GEL MAXKNEE**

Designed with a hard PVC knee cap. Insert is a Silica gel pad for maximum comfort and protection of knee cap. Two fully adjustable elastic straps with hook and loop closure offer comfort and stability. Blue pad with clear knee cap.

**7102-GEL**



**FLEXKNEE**

Grueling deep knee work requires tough protection. Designed with lightweight pads capped by large abrasion-resistant rubber caps for long-lasting wear. The wrap around rubber cap design allows maximum flexibility while maintaining a secure fit. Excellent for non-slip, hard surface work environments. Designed with hook and loop closures.

**7103****QUICKFLEX**

FlexKnee is also available with a durable quick release buckle.

**7103Q****BLACK FLEXKNEE**

The favored pad of government and municipal workers, the Black FlexKnee offers the same features as our popular FlexKnee, including hook and loop straps.

**7103-02****GEL FLEXKNEE**

Designed with a large abrasion-resistant PVC cap, the silica gel insert cushions and protects the knee cap by dispersing pressure that can build from hours of kneeling. 1½" Nylon reinforced elastic dual straps and hook and loop closures offer durability and stability, not to mention comfort and flexibility.

**7103-GEL****NON-MARKING FLEXKNEE**

A non-marking polyurethane cap is used on our FlexKnee to allow workers to move around the work area without marking or damaging a delicate surface such as tiling. Hook and loop straps allow for a custom fit and make donning quick and easy.

**7103-01****ECONOMY NON-MARKING FLEXKNEE**

Protect delicate flooring with the non-marking rubber FlexKnee. Extra-long ribbed cap provides workers with additional working surface and prevents slipping and sliding. Elastic straps with hook-and-loop closure ensures a snug fit.

**7103-04**

**SOFTKNEE**

A tough blend of cloth and foam make these pads extra comfortable and easy to wear in non-abrasive environments. They slip on and off quickly without straps or buckle attachments. Easy to wear over or under pants, they are lightweight and durable.

**69105****DELUXE SOFTKNEE**

An extra wide foam pad makes this knee pad the most comfortable in the industry. Designed with a tough water-resistant cover and no kneecaps, it is perfect for jobs where protecting the work surface is a primary concern. 1½" elastic straps are adjustable and are equipped with hook and loop closures.

**6998****COMFORT KNEE**

These versatile neoprene pads cushion and protect knees, and are perfect for workers who are up and down on their knees all day. The blue rubber surface is contoured and won't mark delicate surfaces, and the 2½" neoprene straps with hook and loop closures allow for an easy, adjustable fit.

**6985-01****DELUXE COMFORT KNEE**

The Deluxe Comfort Knee offers maximum support, comfort, and protection with EVA foam and inner PVC pads and a neoprene back with breathing holes. Neoprene straps are comfortable, and hook and loop closures allow for an easy, adjustable fit. Nylon work surface will not mark delicate flooring.

**6985****LEATHER KNEE PAD**

Tough abrasion-resistant leather for maximum protection and soft cushion back for comfort. Elastic straps with hook and loop closures ensure a secure fit. Because of its resistance to heat and fire this is ideal for welders or any construction application such as concrete work.

**6991****WELDING KNEE PAD**

Tough heat-resistant leather that wraps over the top and down the back of the pad offering maximum protection from flying sparks. Soft cushioning ensures comfort. Elastic straps maintain a secure fit with the convenient quick release buckle. Non-marking polyurethane knee cap increases protection. Because of its resistance to heat, this knee pad is ideal for welders, or any construction application such as concrete or flooring work.

**6991-01Q**



#### STANDARD KNEE PAD

One piece molded construction offers greater comfort at low cost. Adjustable hook and loop straps ensure a secure fit. Its surface grid provides skid resistance even in wet areas and superior protection on hard surfaces such as home and garden use.

**7101**



#### CONTOUR KNEE PAD

This soft ½" foam rubber pad is contoured to the shape of the knee. It's designed to allow easy side to side movement on hard surfaces and can be used in wet environments. The contoured shape allows the 1½" hook and loop straps to be worn more loosely for greater comfort. Perfect for laying brick and other masonry work.

**7100**



#### ECONOMY CONTOUR

Lightweight and low profile, our ½" outer foam design allows for greater comfort and flexible spring back memory. These pads are lined for extra absorption and the ribbed kneeling surface helps to minimize slippage. The 1½" hook and loop straps add stability and adjust for a custom fit.

**7100-02**



#### ULTRA FLEXKNEE

Ultra durable, ultra flexible, ultra comfortable, the lightweight Ultra FlexKnee is ribbed across the knee for easy flexing, and maximum comfort above the knee. The kneeling surface is grooved for non-slip stability. It is designed to hold its shape better, and is constructed with inner foam rubber for greater comfort, and water resistance. Unique, easy to adjust rubber straps offer a comfortable, custom fit.

**6987** Ultra FlexKnee  
**6988-04** Replacement straps 4/pkg.



#### ULTRA GEL FLEX KNEE

Ultra durable, ultra flexible and ultra comfortable for all day use, day after day. The lightweight material is ribbed across the knee for easy flexing, and maximum comfort above the knee. The kneeling surface is designed to hold its contoured shape and is constructed with a Silica gel pad insert which cushions the knee-cap allowing maximum protection and comfort. Unique and easy to adjust rubber straps offer a comfortable, custom fit.

**6987-GEL**  
**6988-04** Replacement straps 4/pkg.



#### VALUE PLUS KNEE PAD

The most cost effective knee pad in dirty, dusty environments. Comes with two fully adjustable straps with hook and loop closure for a custom fit. The ABS cap is stitched on for greater strength and won't allow particles underneath to cause discomfort. Tough poly fabric exterior protects a high density lightweight foam core, and the long pad provides extra comfort.

**6999**



**GEL KNEE**

Made of Neoprene with a soft, unique, abrasion-resistant, flexible rubber cap with rivets for added durability and Silica gel pad insert for maximum comfort. A 2" wide strap features a hook and loop closure for a snug fit.

**6986-GEL****DELUXE QUICKFLEX**

Offering the most protection available, our Deluxe QuickFlex is a completely unique knee pad. The large,  $\frac{3}{4}$ " thick pad has a hinge design that provides protection and ease of movement above and below the cap, and a wrap-around design for greater stability and side protection. The large plastic cap is molded to conform to the shape of the knee for maximum protection. The double strap system uses  $1\frac{1}{2}$ " straps with deluxe quick release buckles, and allows for easy adjustment and a snug fit while ensuring greater stability and side protection.

**6990****DISPOSABLE KNEE PAD**

Designed for use with disposable Tyvek coveralls but also works with jeans and work pants. Protects workers in rough conditions and ideal for waste disposal, HazMat and cleanroom use. They can be worn inside or outside garments and can adhere to other surfaces where extra padding is needed. Simply peel the backing off the knee pad and stick on the garment. The knee pads can be used several times or thrown away with disposable garments when finished. Strapless so they do not impact the area behind the knee.

**6989**

OUR COOLING PRODUCTS ARE DESIGNED  
TO PROTECT AND PROVIDE COMFORT  
TO WORKERS WHO MUST FUNCTION  
IN ENVIRONMENTS WITH EXCESSIVE  
HEAT. WE CATER TO THE DEMANDS OF  
CONSTRUCTION WORKERS, FIREFIGHTERS,  
WELDERS AND FACTORY WORKERS. OUR  
UNIQUE NON-TOXIC POLYMER FABRIC  
IS ACTIVATED BY WATER AND WILL  
KEEP YOU COOL FROM 24 TO 72 HOURS.



## COOLING VESTS

**VORTEX COOLING OR HEATING VEST**

Delivering constant and adjustable cooling or heating, the Vortex Vest is especially popular for workers in confined spaces as well as foundries, steel mills, asbestos abatement and paint baking operations. With no moving parts, the vortex tube forces a simple heat exchange to separate compressed air into hot and cold airstreams. The PVC vest delivers continuous cooled or heated air through its perforated, inner lining. This vest offers full range of motion and can be worn under protective clothing.



<b>8300</b>	Vest w/Plastic Cooler, Std
<b>8300-01</b>	Vest only, Std
<b>8300-01L</b>	Vest only, XL, 200 lbs +
<b>8300-95</b>	Vortex Cooler, Plastic, w/Snap Tite Coupler
<b>8310-95</b>	Vortex Heater, Plastic, w/Snap Tite Coupler
<b>8300-90</b>	Vortex Heater/Cooler, Metal, w/Snap Tite Coupler
<b>9991-25</b>	Vortex Cooler, Metal w/Snap Tite Coupler, 25 CFM

**VEST HOSE**

<b>8400-50</b>	Air Source Hose 50' w/Snap Tite Coupler, plug
<b>8400-100</b>	Air Source Hose 100' w/Snap Tite Coupler, plug



**FLAME RETARDANT LOW PROFILE VORTEX COOLING VEST**

Our patented Flame/Heat Retardant Air Cooling Vest may be connected to any clean compressed air source and worn under protective clothing. It is durable and breathable while only weighing 1½ pounds. Includes a vortex cooler for additional cooling effect. One size fits 130-225 lbs. Airline hose available in 50' and 100' lengths.

**8450** Flame Retardant Low Profile Vortex Cooling Vest

**VEST HOSE**

**8400-50** Air Source Hose 50' w/Snap Tite Coupler, plug

**8400-100** Air Source Hose 100' w/Snap Tite Coupler, plug



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[www.allegrosafety.com](http://www.allegrosafety.com)







**STANDARD VEST FOR COOLING INSERTS**

Ideal for under HazMat suits and other protective clothing. This vest features four pockets for inserts, zipper front and adjusts with hook and loop over shoulder and side straps to help achieve a snug fit. Added comfort with 2 layers of 100% cotton. Royal Blue. (Inserts not included)

	Size	Weight	Chest
<b>8413-03</b>	Large	100-175 lbs	34" to 44"
<b>8413-04</b>	X Large	175-250 lbs	46" to 48"
<b>8413-05</b>	XX Large	250 lbs +	50" to 52"

Also available in:

**FLAME / HEAT RETARDANT STANDARD VEST FOR COOLING INSERTS**

	Size	Weight	Chest
<b>8412-03</b>	Large	100-175 lbs	34" to 44"
<b>8412-04</b>	X Large	175-250 lbs	46" to 48"
<b>8412-05</b>	XX Large	250 lbs +	50" to 52"



**STANDARD COOLING VEST**

Our Standard Cooling Vest is lightweight and when soaked in water for 5 to 9 minutes, provides all day cooling comfort. Snap closures allow for quick access. Available in royal blue in 3 sizes, 100% cotton and hand washable.

	Size	Weight	Chest
<b>8401-03</b>	Standard	100-175 lbs	34" to 44"
<b>8401-04</b>	X Large	175-250 lbs	46" to 48"
<b>8401-05</b>	XX Large	250 lbs +	50" to 52"

**FEATHER ICE INSERTS**

Freezes like ice, but stays cold up to three times as long. Reusable packs deliver a constant level of cold. Lightweight. The pliable powder conforms to your body when frozen. Non-toxic. 4/pkg.

**8413-11**



**PHASE CHANGE INSERT**

Safe, non-toxic PCM (Phase Change Material) freeze in refrigerator or ice water. Delivers a constant temperature of 58 degrees for up to 3 hours. Each insert measures 6"x 14" and weighs just 16 oz. 4/pkg.

**8414-11**

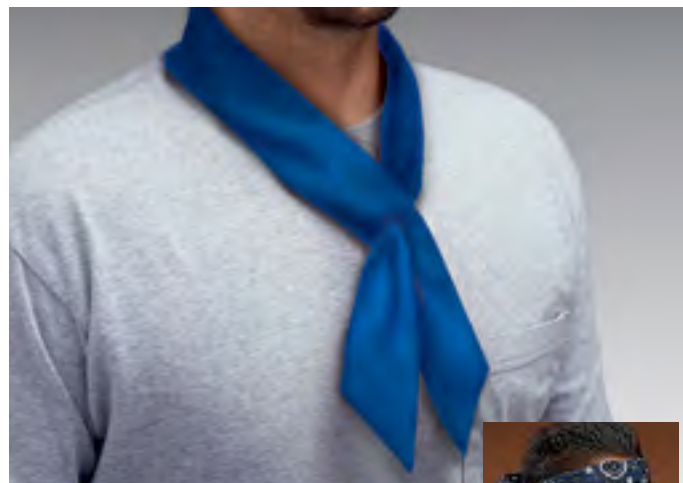


**ECONOMY PONCHO COOLING VEST**

Soak in cold water 10 to 15 minutes. Inexpensive and easy to put on, our Economy Poncho Cooling vest will keep you cool all day. Vest is reversible so you can easily refresh cooling process by turning the vest inside out. 100% hi-viz orange cotton. 1-size fits most.

**8402**





### COOL OFFS

Keep cool all day long with our dual-use Cool Offs. Quilted into four sections for an even distribution of hydration material. Just soak in cold water for 10 to 15 minutes. The cooling crystals go to work to keep you cool for days. Lightweight and comfortable, 38" long (longest on market). It can be worn around neck or tied as a headband. Our unique button hole closure allows for a secure fit. The outer shell is 100% cotton and comes in 7 colors and patterns.

- 8405-50** Cowboy Red
- 8405-51** Cowboy Blue
- 8405-53V** Royal Blue, hook and loop
- 8405-53** Royal Blue
- 8405-54** American Flag
- 8405-55** Orange
- 8405-58** Cowboy Black and Orange
- 8405-59** Digital Camouflage





#### STANDARD COOLING WRAP

Our water activated lightweight and comfortable wrap can be tied around the neck or around your forehead for all day cooling comfort. Ideal for all types of working environments and outdoor recreation. Comes in royal blue in 100% cotton and is hand washable.

**8405**



#### DELUXE NECK COOLING WRAP

Stay extra cool by soaking wrap in the cooler or chill in the freezer. This royal blue wrap is lightweight, comfortable and low profile. The 3" width band size increases cooling effect. Hook and loop closures keep this band in place. 100% cotton. Hand washable.

**8405-01**



#### DOO RAG

Hydrate up to 9 minutes and then stay cool for up to 72 hours. Our unique, non-toxic, polymer fabric keeps you comfortable while on the job. The cooling fabric wraps around the forehead and extends towards the ears. Cotton fabric keeps sun off the top of the head and absorbs perspiration. Ties in back.

**8415-58** Cowboy Black and Orange



**-58**

**8415-60** Black



**-60**



#### BANDANA

Soak this bandana for 5 to 9 minutes and stay cool for up to 72 hours. It keeps you cool through evaporation. Wear under hardhats or alone on top of your head or around neck. Has button hole closure or can be tied for a secure fit. Comes in 5 colors and patterns. 34" x 24" x 24".

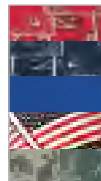
**8410-50** Cowboy Red

**8410-51** Cowboy Blue

**8410-53** Royal Blue

**8410-54** American Flag

**8410-59** Digital Camouflage



**-50**

**-51**

**-53**

**-54**

**-59**



#### COOLING BEANIE

Designed to keep you cool in intense heat situations, our beanie can be worn alone or under a hat. Great for road and utility crews. Adjustable elastic and hook and loop closure for one size fits all. Soak for 5 to 9 minutes. Hand washable, 100% cotton. Comes in royal blue.

**8408**



**COOLING NECK SHADE**

Lightweight and easy to use, this water activated shade can re-hydrate thousands of times. Just soak in water 5 to 9 minutes, and it's ready to use. Attaches easily to the back of the hardhat harness and can be used as a sun barrier. Available in royal blue, 100% cotton, hand washable.

**8406****FLAME / HEAT RETARDANT COOLING NECK SHADE**

Ideal for welding or other high heat environments.

**8406-02****ECONOMY NECK SHADE**

Re-hydrate this all-cotton 8" neck shade thousands of times for ultimate durability and cooling comfort. Just soak for 5 to 9 minutes for up to 72 hours of cooling effect. Two nylon straps with hook and loop closure wraps around hardhat harness and allow workers to attach easily to the back of the hat. Royal blue.

**8406-01****HARDHAT COOLING LINER**

Simply soak this liner for 5 to 9 minutes in cold water and feel instant relief that lasts all day. Attaches to the hardhat harness with an easy elastic/hook and loop closure. One size fits all. Liner is 100% cotton and comes in royal blue. Hand washable.

**8407****HYDRATION BACK PACK**

The perfect companion for jobs that require hydration of water or energy drinks. It is worn as a back pack keeping hands free as you work. Our Hydration Pack holds 70 oz. and is equipped with the Soft Gulp™ Valve.

The comfortable locking mouthpiece allows high flow and doesn't leak. The removable hose and large mouth reservoir makes for easy cleaning and filling. The full side zipper on the pack allows for easy access to the reservoir.

Shoulder straps are contoured with extra padding for comfort and waist strap and removable sternum strap keep the pack close to your body. Hand washable.

**8409****COOLING SKULL CAP**

These four disks are lightweight and low profile, but after soaking for 5 to 9 minutes, you can enjoy a cooling effect for up to 72 hours. The contoured design allows for a great fit and attaches with hook and loop tabs into any type of hat, including hardhats.

**8411-01**

INDUSTRIAL WORKPLACES REQUIRE

EYEWEAR PROTECTION. ALLEGRO'S

COMPREHENSIVE LENS CARE LINE

OFFERS BOTH UNIQUE AND

CONVENIENT PACKAGING DESIGN.

FROM MIRRORRED STATIONS TO

CLEANING SOLUTIONS, WIPES

AND STORAGE BAGS, WE ARE

YOUR ONE STOP SUPPLIER FOR

ALL YOUR LENS CARE NEEDS.



### DELUXE LOW PROFILE METAL CLEANING STATION

Fitting easily into tight spaces, this rugged metal cabinet includes a 16 oz. dispenser bottle of anti-static, anti-fog, non-silicone cleaning solution and a 760 count pack of 5" x 6 1/2" low-lint tissues. The door features a handy mirror and locks for security. Includes wall-mounting hardware and disposal receptacle. Dimensions: 7 1/4" w x 17 1/4" h x 3 1/4" d

**0357**

Deluxe Low Profile Metal Cleaning Station

**0357-01**

Refill 16 oz. Liquid Cleaner

**0357-02**

Spray Pump for 16 oz. bottle, (bottle not included)

**0357-03**

Refill Bulk Pack, 760, 5" x 6 1/2" tissues



### ECONOMY LOW PROFILE METAL CLEANING STATION

At 3" deep, this quick-opening, non-locking model won't obstruct halls. It's the lowest profile cabinet on the market. The white, high gloss powder-coated finish resists wear. Includes 16 oz. of anti-static, anti-fog, non-silicone cleaning liquid and 760, 5" x 6 1/2" low-lint tissues. Dimensions: 10" w x 6 5/8" h x 3" d

**0360**

Economy Low Profile Metal Cleaning Station

**0357-01**

Refill 16 oz. Liquid Cleaner

**0357-02**

Spray Pump for 16 oz. bottle, (bottle not included)

**0357-03**

Refill bulk pack of 760, 5" x 6 1/2" tissues

### CLEANING SOLUTIONS AND TISSUES

Anti-static, anti-fog solutions, contain no silicone and are safe on glass, plastic, and polycarbonate surfaces. Tissues are non-abrasive, low-lint, and are interfolded to pop-up.

**0362-01**

One Gallon Liquid Cleaner

**0357-01**

16 oz. Liquid Cleaner

**0357-02**

Spray Pump for 16 oz. bottle, (bottle not included)

**0357-03**

Bulk Pack of 760, 5" x 6 1/2" tissues

**0358-01**

Box of 300, 4" x 5" tissues





### LARGE DISPOSABLE CLEANING STATION

Designed for busy work sites, this disposable station features a 16 oz. anti-static, anti-fog, non-silicone lens cleaner dispenser and 1200 non-abrasive, low-lint 3"x 8" tissues in a heavy-duty, recyclable cardboard tabletop or wall-mounted dispenser. Dimensions: 8¾"w x 12¾"h x 5"d

**0355** Large Disposable Station



### SMALL DISPOSABLE CLEANING STATION

Features 600 easy-dispensing non-abrasive, low-lint 3"x 8" lens tissues and an 8 oz. anti-static, anti-fog, non-silicone lens cleaner that removes dirt and oil from glasses and lenses. The heavy-duty, recyclable cardboard dispenser may be mounted to the wall or used as a tabletop dispenser. Dimensions: 7"w x 8¾"h x 5½"d

**0355-01** Small Disposable Station



### PLASTIC DISPOSABLE CLEANING STATION

This attractive disposable plastic container dispenses 760 soft, non-abrasive, low-lint tissues and 8 oz. anti-static, anti-fog, non-silicone cleaning liquid. Wall mounts with either double-sided tape (included) or mounting holes. Dimensions: 4¾"w x 12"h x 3¼"d

**0351** Plastic Disposable Cleaning Station



### CANISTER LENS WIPES

Easy to use canister design allows for quick access to wipes. 100 pre-moistened 5"x 8" wipes. Canister dimensions: 5"w x 8" tall

**0353**



### BUCKET EYEWEAR CLEANING WIPES

This easy to use container offers a bulk pack of 200 individually wrapped lens cleaning towelettes in a 6"x 7" clear reusable plastic globe. Can be table or wall mounted.

**0350-20**

### EYEWEAR CLEANING WIPES

Perfect for cleaning eyewear or computer screens, these 100 individually wrapped pre-moistened wipes feature anti-fog, anti-static, silicone-free cleaning. Excellent on glass or polycarbonate lenses, the large 5"x 8" wipes are stored in a wall-mounted cardboard dispenser. Dimensions: 4¾"w x 9"h x 2½"d

**0350** Eyewear Cleaning Wipes

**0350-1000** Bulk (1000)





2 0 1 3 - 2 0 1 4



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A L L E G R O S A F E T Y . C O M

