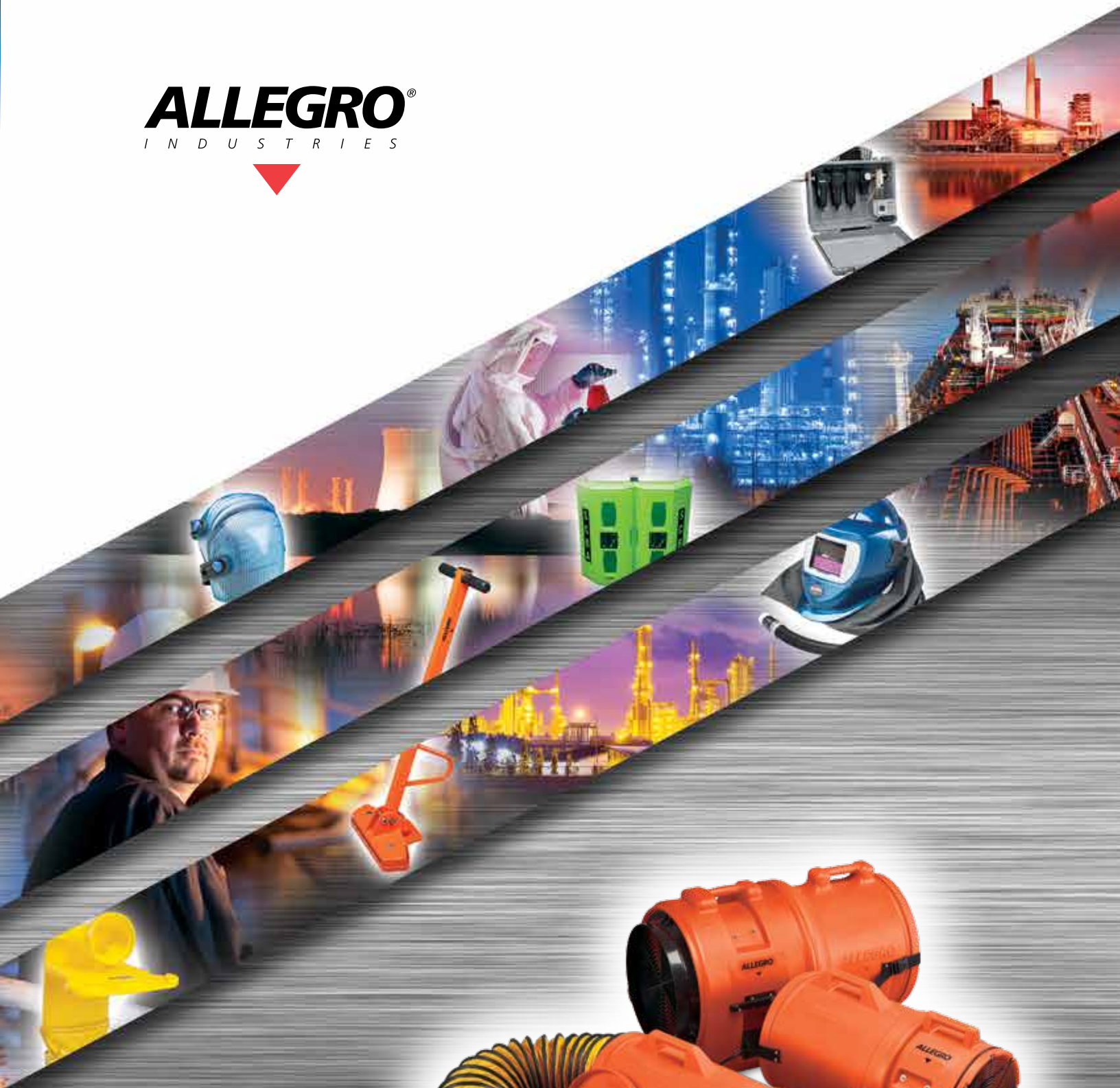


**ALLEGRO<sup>®</sup>**  
I N D U S T R I E S

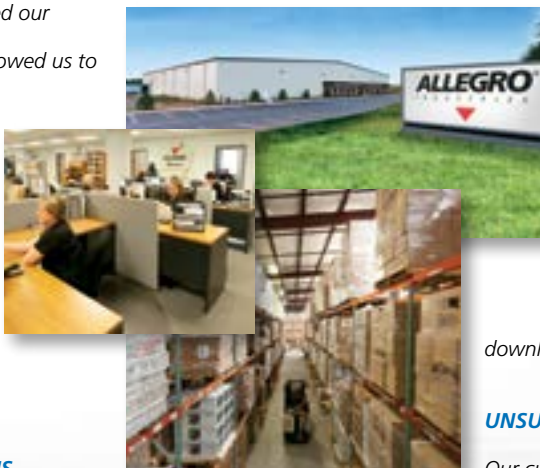




## CELEBRATING OUR FIRST YEARS IN SOUTH CAROLINA

Our move to a new 50,000 square-foot custom-built facility in South Carolina accommodated our significant growth and has allowed us to better serve our customers.

The new 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.

## 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 hi-res product photos, parts listings, MSDS sheets, specification sheets and all the product information you will need.

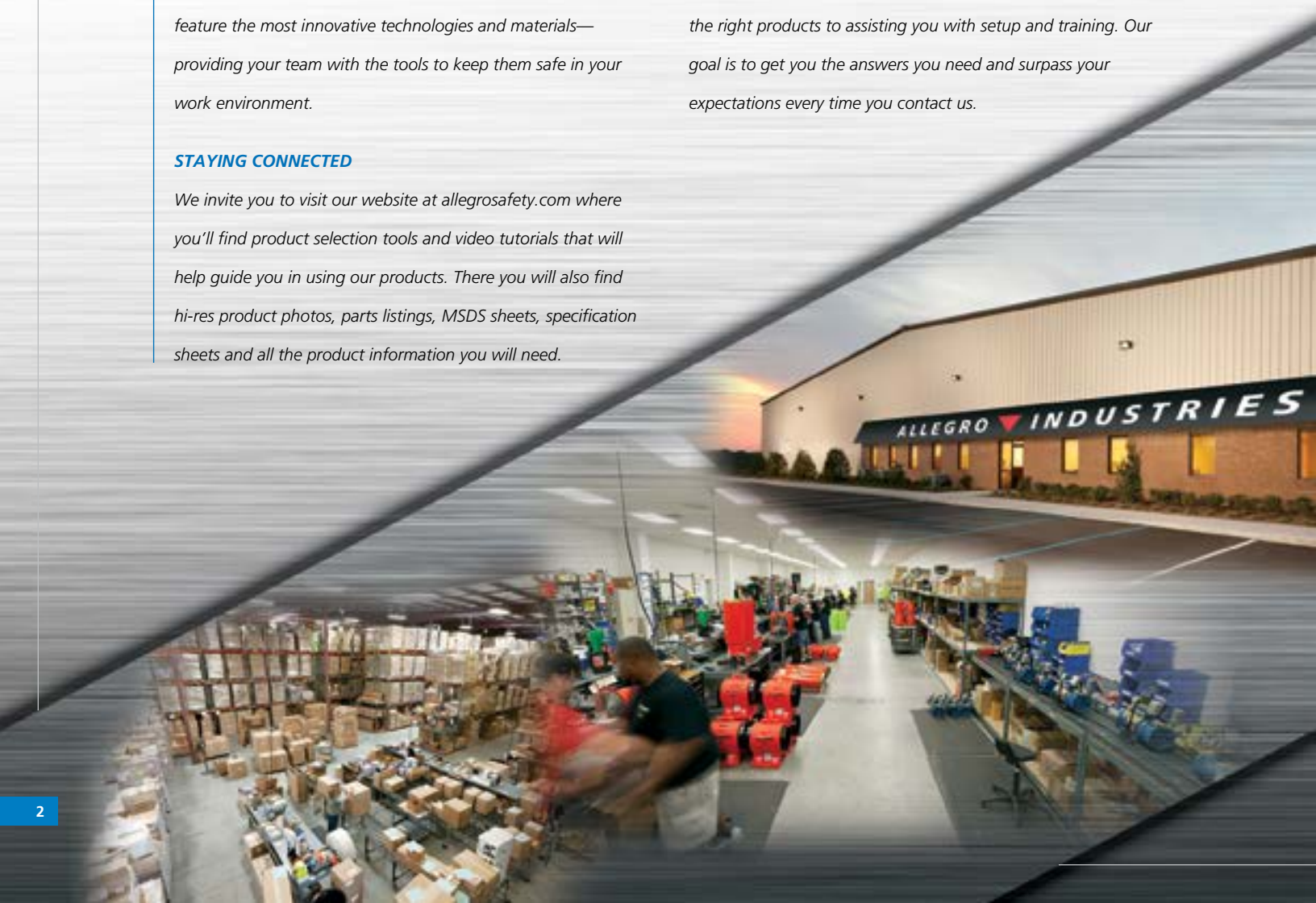
## DOWNLOAD OUR NEW CFM BLOWER SELECTOR APP!

We're dedicated to helping our customers select the right product for the job which is why we've introduced our first Allegro App—The Allegro CFM Blower Selector App. It takes into account the type and size of the confined space environment you're working in to choose the proper Allegro blower that will best suit your needs. Get it on Google Play, download it from the Apple App Store.



## 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.





**BE THE FIRST TO LEARN ABOUT NEW PRODUCTS  
AND VIEW OUR DEMONSTRATION VIDEOS**

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and view our demonstration videos on YouTube



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

TEL: 1.800.622.3530

FAX: 1.800.362.7231



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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**ECONOMY SUPPLIED AIR SHIELD  
AND WELDING HELMET**

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

PAGE 11



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

PAGE 11



**POINT-OF-ATTACHMENT  
COOLING SYSTEM**

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**AIR BAG 12L**

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**SWING ARM BLOWER**

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**16" PLASTIC AXIAL BLOWER**

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**26" STANDARD BLOWER**

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**COMPACT MAGNETIC LID LIFTER**

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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 Online Video 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.



ONLINE VIDEO



**AIR BAGS**



**M2 MULTI-MOLD™ CASSETTES**



**BITREX / SACCHARIN FIT TEST**



**MAGNETIC MANHOLE LID LIFTER**



**CONFINED SPACE**



**DRY SOAP KIT**



**CONFINED SPACE ACCESSORIES**



**SAMPLING PUMPS**



**CONFINED SPACE TENTS**



**SMOKE FIT TEST**



**COOLING PRODUCTS**



**SUPPLIED AIR RESPIRATORS**



**FILTRATION CALIBRATION**

## 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.



## RESPIRATOR MASK, HOOD AND HELMET SYSTEMS

1

CHOOSE AN ALLEGRO MASK, HOOD  
OR HELMET ASSEMBLY**HALF MASK SUPPLIED  
AIR RESPIRATOR**

**9920** Low Pressure w/ Fitting  
(No Air Control  
Assembly needed)

**FULL MASK SUPPLIED  
AIR RESPIRATOR**

**9901** Low Pressure w/ Fitting  
(No Air Control  
Assembly needed)  
**9902** High Pressure w/o Fitting

**TYVEK® SUPPLIED AIR  
RESPIRATOR**

**9910** Low Pressure w/ Fitting  
(No Air Control  
Assembly needed)

**DOUBLE BIB  
MAINTENANCE FREE  
TYVEK HOOD**

**9911-10** Low Pressure  
**9911-10** High Pressure

**MAINTENANCE FREE  
TYVEK HOOD**

**9911-20** Low Pressure  
**9911-20** High Pressure

**MAINTENANCE FREE  
SARAN HOOD**

**9911-20S** Low Pressure  
**9911-20S** High Pressure

**DELUXE TYVEK DOUBLE  
BIB HARDHAT HOOD**

**9909-10** LP, w/ Suspension only  
**9909-11** LP, w/ Suspension  
and downtube  
**9909-10** HP, w/ Suspension only  
**9909-11** HP, w/ Suspension  
and downtube

**ECONOMY SUPPLIED  
AIR SHIELD**

**9903** Low Pressure  
**9903** High Pressure

**DELUXE SUPPLIED  
AIR SHIELD / HELMET**

**9904** Low Pressure  
**9904** High Pressure

**ECONOMY SUPPLIED  
AIR SHIELD AND  
WELDING HELMET**

**9903-W** Low Pressure  
**9903-W** High Pressure

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

**9904-W** Low Pressure  
**9904-W** High Pressure

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

**9904-WB** Low Pressure  
**9904-WB** High Pressure

HIGH AND LOW PRESSURE COMPONENTS

2

CHOOSE AN  
AIR CONTROL DEVICE



LOW PRESSURE  
FLOW ADAPTER

9910-11 Low Pressure

3

CHOOSE THE APPROPRIATE  
AIRLINE HOSE



LOW PRESSURE  
SINGLE AIRLINE HOSE

9100-25 Low Pressure  
9100-50 Low Pressure  
9100-100 Low Pressure

4

CONNECT TO ANY  
AIR SOURCE



LOW PRESSURE  
AMBIENT AIR PUMP

See page 13



AIR TEMPERATURE  
CONTROLLER

9990 High Pressure



PERSONAL  
AIR COOLER

9991 High Pressure



HIGH PRESSURE  
SINGLE AIRLINE HOSE

9101-25B High Pressure  
9101-50B High Pressure  
9101-100B High Pressure



HIGH PRESSURE  
AIR FILTRATION PANEL

See pages 16-17



ADJUSTABLE FLOW  
CONTROL VALVE

9992 High Pressure



## HALF MASK SUPPLIED AIR RESPIRATOR

- Provides low pressure, continuous flow protection with the same belt and unique "over the shoulder" hose design as the full facepiece respirator
- Durable and easy to use with OBAC quick connect
- Low profile design allows it to fit under welding shields
- The silicone skirt is easy to clean and won't lose its shape in storage
- **NIOSH approved**



## FULL MASK SUPPLIED AIR RESPIRATOR

- Made of silicone rubber for durability and will hold its shape even in extreme heat and cold
- Double sealing flange and deep chin pocket provide an improved face-to-mask seal with a much improved and more comfortable fit
- The replaceable polycarbonate lens offers a wider, distortion-free viewing area with an anti-fog, anti-scratch coating
- 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 (Low Pressure)
- Large diameter contoured exhalation valve (High Pressure)
- Designed to connect to Adjustable Flow Control Valve, Personal Air Cooler or Air Temperature Controller (High Pressure)
- One size fits most
- **NIOSH approved**



## 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 (simply remove the downtube and clamp before disposal)
- Includes OBAC quick connects
- Each replacement hood comes complete with a hood harness
- **NIOSH approved**

### LOW PRESSURE

**9920** Low Pressure Half Mask Supplied Air Respirator

### LOW PRESSURE

**9901** Full Mask Assembly

### LOW PRESSURE

**9910** Complete Tyvek® Respirator Hood Assembly

**9910-10** Replacement Hood w/ Suspension (Downtube not included)

### HIGH PRESSURE

**9902-C** Full Mask Supplied Air Respirator w/ Personal Air Cooler

**9902-CV** Full Mask Supplied Air Respirator w/ Flow Control Valve

**9902-HC** Full Mask Supplied Air Respirator w/ Temperature Controller

**9902** Replacement Full Mask Assembly

### ACCESSORIES

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

### ACCESSORIES

**9910-25** Lens Covers 10/pkg.



### DOUBLE BIB MAINTENANCE FREE TYVEK® HOOD

- Provides the increased protection of two bibs
- Inner bib tucks inside protective garments so air flows down for a cooling effect on the body while the outer bib secures under the arms with hook and loop closure to keep the hood from rising up
- Features an extra large lens for better visibility
- Offers the same convenient design with the downtube and suspension built-in, making the entire hood fully disposable
- Designed to connect to Low Pressure or High Pressure flow adapters
- **NIOSH approved**

#### LOW PRESSURE

- 9912-D** Double Bib Maintenance Free Tyvek® Hood Assembly w/ LP Flow Adapter and Suspension
- 9911-10** Replacement Double Bib Maintenance Free Tyvek® Hood Assembly w/ Suspension

#### HIGH PRESSURE

- 9912-C** Double Bib Maintenance Free Tyvek® Hood w/ Personal Air Cooler
- 9912-CV** Double Bib Maintenance Free Tyvek® Hood w/ Flow Control Valve
- 9912-HC** Double Bib Maintenance Free Tyvek® Hood w/ Air Temperature Controller
- 9911-10** Replacement Double Bib Maintenance Free Tyvek® Hood Assembly w/ Suspension

#### ACCESSORIES

- 9910-25** Lens Covers 10/pkg.



### MAINTENANCE FREE TYVEK® HOOD

- Downtube and head suspension integrated into one-piece assembly causing no need for decontamination of parts since the hood assembly is disposed of after use.
- Lightweight, rugged and reinforced downtube with swivel connection adds flexibility
- Multi-layer sound dampening system made of foam inside breathing tube meets NIOSH requirements
- Split air channel design delivers air inside the hood around the temple area w/ minimal lens fogging
- Large viewing window provides a wide field of vision and generous size makes it ideal for workers with beards or goggles
- Made from DuPont Tyvek®, it's flexible, splash resistant and seals in air flow
- Double bib style adds increased protection by simply tucking inner layer into the protective clothing where air is directed to body
- Easy adjustments are possible with a hook and loop closure and absorbent foam headband
- Designed to connect to Low Pressure or High Pressure flow adapters
- Hardhat, Ratchet or Disposable Suspensions available
- **NIOSH approved**

#### LOW PRESSURE

- 9910-D** Maintenance Free Tyvek® Hood Assembly w/ LP Flow Adapter and Suspension
- 9911-20** Replacement Maintenance Free Tyvek® Hood Assembly w/ Suspension

#### HIGH PRESSURE

- 9911-C** Maintenance Free Tyvek® Hood Assembly w/ Personal Air Cooler
- 9911-CV** Maintenance Free Tyvek® Hood Assembly w/ Flow Control Valve
- 9911-HC** Maintenance Free Tyvek® Hood Assembly w/ Air Temperature Controller
- 9911-20** Replacement Maintenance Free Tyvek® Hood w/ Suspension

#### ACCESSORIES

- 9910-25** Lens Covers 10/pkg.



### MAINTENANCE FREE SARAN HOOD

- Includes the same features as our Tyvek® Hood (PN 9910-D), our Maintenance Free Saran Hood offers effective protection against a broader range of chemicals
- Made from Tyvek® fabric that is laminated with Saran to offer zero permeability to air and moisture, providing total protection against hazardous materials
- Seams are heat tape sealed to form a liquid and gas-tight seal
- Ideal for acid handling, tank cleaning, agricultural pesticide handling, asbestos abatement, chemical handling and hazardous waste management
- Designed to connect to Low Pressure or High Pressure flow adapters
- **NIOSH approved**

#### LOW PRESSURE

- 9910-DS** Maintenance Free Saran Hood Assembly w/ Low Pressure Flow Adapter and Suspension
- 9911-20S** Replacement Maintenance Free Saran Hood Assembly w/ Suspension

#### HIGH PRESSURE

- 9911-CS** Maintenance Free Saran Hood w/ Personal Air Cooler
- 9911-CVS** Maintenance Free Saran Hood w/ Flow Control Valve
- 9911-HCS** Maintenance Free Saran Hood w/ Air Temperature Controller
- 9911-20S** Replacement Maintenance Free Saran Hood Assembly w/ Suspension

#### ACCESSORIES

- 9910-25** Lens Covers 10/pkg.



### DELUXE TYVEK DOUBLE BIB HARDHAT HOOD

- Lightweight, rugged and reinforced downtube with swivel connection adds flexibility
- Split air channel design delivers air inside the hood around the temple area w/ minimal lens fogging
- Large viewing window provides a wide field of vision
- Double bib style adds increased protection by simply tucking inner layer into the protective clothing
- Made from DuPont Tyvek, it's flexible, splash resistant and seals in air flow
- Hardhat, Ratchet or Disposable Suspensions available
- **NIOSH approved**

#### LOW PRESSURE

- 9909-10** Replacement Deluxe Double Bib Hardhat Hood w/ Suspension Only (Downtube not Included)
- 9909-11** Hood w/ Suspension and Downtube
- 9909-HD** Hood w/ Hardhat
- 9909-RD** Hood w/ Ratchet
- 9909-SD** Hood w/ Disposable Suspension

#### HIGH PRESSURE

- 9909-10** Replacement Deluxe Double Bib Hardhat Hood w/ Suspension Only (Downtube not included)
- 9909-11** Hood w/ Suspension and Downtube
- 9909-CHD** Hood w/ Hardhat and Personal Air Cooler
- 9909-CRD** Hood w/ Ratchet Suspension and Personal Air Cooler
- 9909-CSD** Hood w/ Suspension and Personal Air Cooler
- 9909-CVHD** Hood w/ Hardhat and Flow Control Valve
- 9909-CVRD** Hood w/ Ratchet Suspension and Flow Control Valve
- 9909-CVSD** Hood w/ Suspension and Flow Control Valve
- 9909-HCHD** Hood w/ Hardhat and Air Temperature Controller
- 9909-HCRD** Hood w/ Ratchet Suspension and Air Temperature Controller
- 9909-HCSD** Hood w/ Suspension and Air Temperature Controller

#### ACCESSORIES

- 9909-03** Replacement Hardhat
- 9909-03C** Replacement Hardhat (Canada Purchase Only)
- 9910-03** Ratchet Hood Suspension
- 9910-25** Lens Covers 10/pkg.



### 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
- Designed to connect to Low Pressure or High Pressure flow adapters
- Complies with ANSI Z87.1-2003
- **NIOSH approved**

#### LOW PRESSURE

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

#### HIGH PRESSURE

- 9903-C** Economy Supplied Air Shield w/ Personal Air Cooler
- 9903-CV** Economy Supplied Air Shield w/ Flow Control Valve
- 9903-HC** Economy Supplied Air Shield w/ Air Temperature Controller
- 9903** Replacement Economy Supplied Air Shield

#### ACCESSORIES

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



### DELUXE SUPPLIED AIR SHIELD

- 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
- Can be worn comfortably by personnel with beards and facial hair
- Designed to connect to Low Pressure or High Pressure flow adapters
- Complies with ANSI Z89.1 Type 1 Class G for head protection
- Complied with ANSI Z87.1+ for face-shield/eye protection
- APF 1000
- **NIOSH approved**

#### LOW PRESSURE

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

#### HIGH PRESSURE

- 9904-C** Deluxe Supplied Air Shield w/ Personal Air Cooler
- 9904-CV** Deluxe Supplied Air Shield w/ Flow Control Valve
- 9904-HC** Deluxe Supplied Air Shield w/ Air Temperature Controller
- 9904** Replacement Deluxe Supplied Air Shield

#### ACCESSORIES

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



**ECONOMY SUPPLIED AIR SHIELD AND WELDING HELMET**

- Durable and lightweight design allows for less fatigue and greater productivity on the job
- Lighter than fiberglass (molded from tough thermoplastic resin)
- Easy filter replacement using standard size filter
- Standard cover and impact plates
- Designed to connect to Low Pressure or High Pressure flow adapters
- Meets ANSI Z87.1 standards
- Made in USA

**LOW PRESSURE**

- 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

**HIGH PRESSURE**

- 9903-CW** Economy Supplied Air Shield and Welding Helmet w/ Personal Cooler
- 9903-CVW** Economy Supplied Air Shield and Welding Helmet w/ Control Valve
- 9903-HCW** Economy Supplied Air Shield and Welding Helmet w/ Air Temperature Controller

**ACCESSORIES**

- 9903-35** Replacement Variable Shade Lens Kit



**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.
- Provides a constant and powerful supply of breathable air from a clean air source
- Provides protection from airborne contaminants including hexavalent chromium applications, flying debris, sparks, chemical and molten metal splashes
- Visor flips up allowing user to grind and clean metal looking through clear ANSI face shield
- Designed to connect to Low Pressure or High Pressure flow adapters
- Equipped with variable shade, auto-darkening lens, shade 9-13
- Complies with ANSI Z89.1 Type 1 Class G for head protection
- Complied with ANSI Z87.1+ for face-shield/eye protection
- APF 1000
- **NIOSH approved**

**LOW PRESSURE**

- 9904-W** Deluxe Supplied Air Shield and Welding Helmet w/ No Flow Valve
- 9904-DW** Deluxe Supplied Air Shield and Welding Helmet w/ LP Adapter

**HIGH PRESSURE**

- 9904-CW** Deluxe Supplied Air Shield and Welding Helmet w/ Personal Cooler
- 9904-CVW** Deluxe Supplied Air Shield and Welding Helmet w/ Control Valve
- 9904-HCW** Deluxe Supplied Air Shield and Welding Helmet w/ Air Temperature Controller

**ACCESSORIES**

- 9904-36** Replacement Variable Shade Lens Kit



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

- Performance proven and a cost effective system used by foundries, aluminum plants, mines, chemical plants, refineries, auto manufacturers, metal working and fabrications.
- Provides a constant and powerful supply of breathable air from a clean air source
- Provides protection from airborne contaminants including hexavalent chromium applications, flying debris, sparks, chemical and molten metal splashes
- Visor flips up allowing user to grind and clean metal looking through clear ANSI face shield
- Designed to connect to Low Pressure or High Pressure flow adapters
- Large #10 lens included
- Complies with ANSI Z89.1 Type 1 Class G for head protection
- Complied with ANSI Z87.1+ for face-shield/eye protection
- APF 1000
- **NIOSH approved**

**LOW PRESSURE**

- 9904-WB** Deluxe Supplied Air Shield and Welding Helmet w/ No Flow Valve
- 9904-DWB** Deluxe Supplied Air Shield and Welding Helmet w/ LP Adapter

**HIGH PRESSURE**

- 9904-CWB** Deluxe Supplied Air Shield and Welding Helmet w/ Personal Cooler
- 9904-CVWB** Deluxe Supplied Air Shield and Welding Helmet w/ Control Valve
- 9904-HCWB** Deluxe Supplied Air Shield and Welding Helmet w/ Air Temperature Controller

**ACCESSORIES**

- 9904-35** Replacement Variable Shade Lens Kit

## SUPPLIED AIR FLOW VALVES

**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****HIGH PRESSURE 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****HIGH PRESSURE 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****HIGH PRESSURE 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

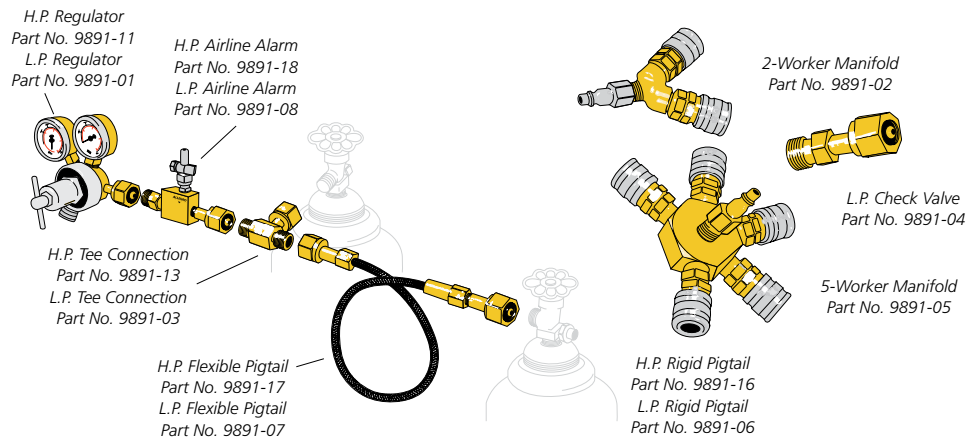
RESPIRATOR	DESCRIPTION	PSI RANGE 9910-11 (LP)	PSI RANGE 9990 (HP)	PSI RANGE 9991 (HP)	PSI RANGE 9992 (HP)
9901/9902 Series	Full Face Mask	6-50 (9901 Series)	55-015	50-85	20-50
9903 Series	Economy Air Shield	6-50	90-120	72-98	25-46
9904 Series	Deluxe Air Shield/Helmet	6-50	0-120	68-93	27-47
9909 Series	Hardhat	6-50	80-120	65-115	23-47
9910 Series	Tyvek Hood	6-50			
9911 Series	Saran Hood	6-50	85-110	55-85	30-48
9912 Series	Double Bib Tyvek Hood	6-50			
9920 Series	Half Mask	6-50			

## AIRLINE CASCADE

**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

For high pressure systems, order appropriate individual components.

NOTE: Low pressure cascade systems: 3000 psi; high pressure cascade systems: 5500 maximum psi. Cascade Kits and Air-Cart come standard with Foster/Hansen couplers. Other couplers are available on request.

## AMBIENT AIR PUMPS

**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****e 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**

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

**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**

L O W P R E S S U R E P U M P S P E C S								
MODEL NO.	PART NO.	MAX. NO. RESP.	MAX. NO. HOODS	POWER REQUIRED	LBS	HP	PSI	CFM
A-300	9806	1	0	5.5A/115/230V AC	33	1/4	0-15	0-5
A-750	9821	2	1	8.3A/115/230V AC	53	3/4	0-15	0-10
A-1500TE	9832	3	2	16A/115/230V AC	97	1 1/2	0-15	0-20
A-1500EX	9833*	3	2	10.6A/115/230V AC	122	1 1/2	0-15	0-15
A-4000AD	9850	4	3	75 CFM@80 psig	83	n/a	0-15	0-20

\*Single phase explosion-proof motor complete with plug.

**e** 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.

**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 8 1/4" l x 3 1/2" w x 6 3/4" h. Weighs 3 1/2 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**

## LOW PRESSURE SYSTEMS


**HALF MASK 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 ¼ hp ambient air pump, ¾ hp pump or 1½ 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 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 ¼ hp ambient air pump, ¾ hp pump or 1½ 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 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 ¾ hp or 1½ 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


**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 ¾ hp or 1½ 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, ¾ hp or 1½ 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



## WELDING SYSTEMS

**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 1½ hp and system comes with 50 feet of breathing airline hose.

- 9246-01** One Worker System w/ 50' Hose  
**9246-02** Two Worker System w/ 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 1½ 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 w/ 50' Hose  
**9248-02** Two Worker System w/ 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 1½ 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 w/ 50' Hose  
**9249-02** Two Worker System w/ 50' Hose





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

Allegro's Air Filtration Panels convert shop air used for pneumatic tools and equipment to clean, breathable, Grade D air. They provide 1 to 8+ airline respirators a portable source of up to 15, 30, 60 or 100 CFM of breathable air from 5-125 psig. All models meet NIOSH requirements for point-of-attachment.

- CO Monitor to help meet OSHA requirements
    - Optional in Wall-Air and Carry-Air models, Standard in Multi-regulator models
    - Can be operated in AC or DC modes
    - 90 dB Audible alarm activates when CO exceeds 10 ppm (5 ppm in Canada)
    - External-powered LED lit visual signal
  - The 3-stage filtration system purifies compressed air by removing water, oil and particulate contaminants
    - 1st stage: 5 micron particulate filter element and automatic mechanical drain
    - 2nd stage: 0.010 micron coalescing filter element and manual drain
    - 3rd stage: 0.003 ppm activated carbon filter element and manual drain
  - Filter replacement indicators (5 and 8 worker panels only)
  - Pressure regulator includes a pressure gauge and adjustment knob with locking ring
  - Pressure relief valve protects the CO monitor and respirators in the event of regulator failure
  - Remote strobe alarm available (optional)
  - All brass plumbing with quick-disconnect Hansen couplers
- (All filtration panel specifications are listed in the charts at the bottom of page 17)*

### CARRY-AIR

- Housed in a rugged Pelican case with carrying handle and latches for protection and security
  - Portable or mountable
  - 16 gauge, black powder coated steel stand for support
  - Includes external connections for use w/ remote alarms
- (Part numbers available on page 17)*

### WALL-AIR

- Allows for larger units providing more CFM to be used
  - 12 gauge black powdered coated steel mounting bracket
  - Easily accessible filters for quick replacement
- (Part numbers available on page 17)*



9872-40



### CARRY-AIR™ AND WALL-AIR™ INLINE FILTER PANELS

Our single outlet and single inlet inline filter panels provide airline respirators a portable source of clean, breathable, Grade D air while ideally designed for filtering air anywhere within the airline system downstream from outlets. All models meet NIOSH requirements of point-of-attachment.

- CO Monitor to help meet OSHA requirements (optional)
  - Can be operated in AC or DC modes
  - 90 dB Audible alarm activates when CO exceeds 10 ppm (5 ppm in Canada)
  - External-powered LED lit visual signal
  - Includes external connections
  - The 3-stage filtration system purifies compressed air by removing water, oil and particulate contaminants
    - 1st stage: 5 micron particulate filter element and automatic mechanical drain
    - 2nd stage: 0.010 micron coalescing filter element and manual drain
    - 3rd stage: 0.003 ppm activated carbon filter element and manual drain
  - Pressure regulator includes a pressure gauge and adjustment knob with locking ring
  - Pressure relief valve protects the CO monitor and respirators in the event of regulator failure
  - Remote strobe alarm available (optional)
  - All brass plumbing with quick-disconnect Hansen couplers
- (All filtration panel specifications are listed in the charts at the bottom of page 17)*

### CARRY-AIR™ INLINE FILTER PANELS

- Provide up to 8+ airline respirators a portable source of up to 100 CFM of breathable air from 5-125 psig
- Housed in a portable, rugged Pelican case with carrying handle and latches for protection and security
- 16 gauge, black powder coated steel for support included
- Inlet side: ¾" Hansen plug, made of Zinc plated case-hardened steel
- Outlet side: ½" NPT male nipple, made of Brass

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

### WALL-AIR™ INLINE FILTER PANELS

- Provide up to 12 airline respirators a portable source of up to 150 CFM of breathable air from 5-125 psig
- 12 gauge black powdered coated steel wall-mounting bracket included (to keep work area clean)
- Inlet side: 1" NPT male nipple, made of Brass
- Outlet side: ¾" NPT male nipple, made of Brass



9878-150

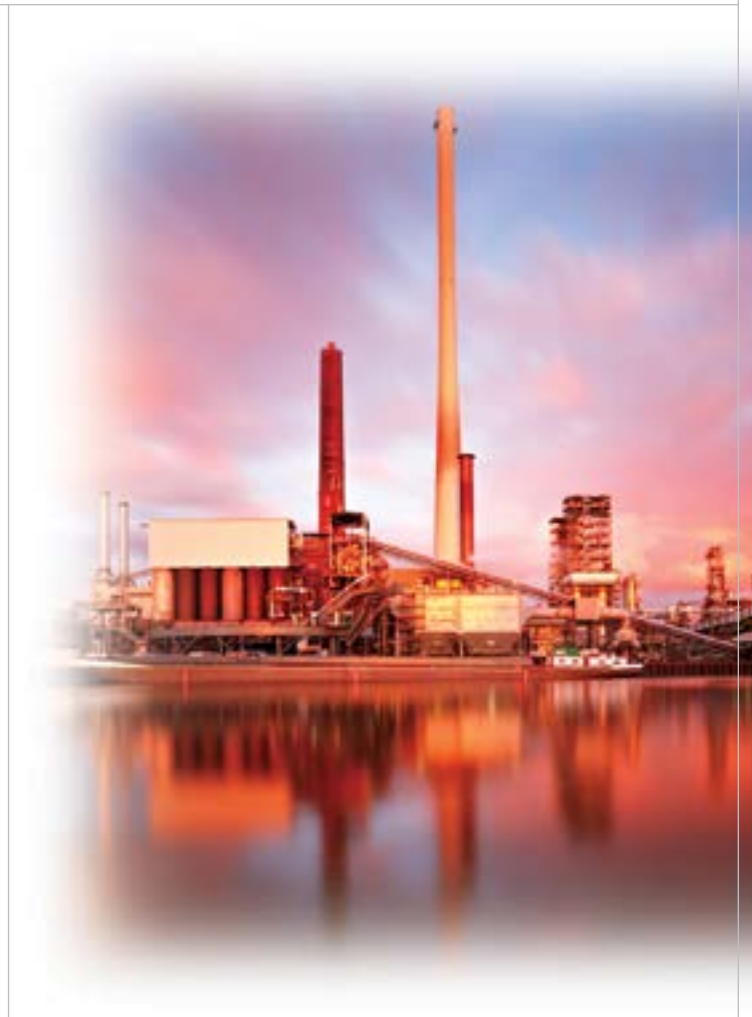
**9878-150** Wall-Air™ Inline Filter Panel w/ CO Monitor

**9878-151** Wall-Air™ Inline Filter Panel w/o CO Monitor

## HIGH PRESSURE FILTRATION PANELS AND ACCESSORIES

**MULTI-REGULATOR AIR FILTRATION PANELS**

- Each regulator can be individually adjusted at different pressure settings for different types of respirator and can also be used for supplying separate outlets for air tools
- CO monitor is integrated to meet OSHA requirements for continuous monitoring of CO levels
- Housed in a portable, rugged Pelican case with carrying handle and latches for protection and security
- Acrylic window to monitor pressure gauges
- 16 gauge, black powder coated steel stand for support

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

	<b>1-WORKER</b>	<b>2-WORKER</b>	<b>5-WORKER</b>	<b>8+ -WORKER</b>
Carry-Air w/ CO Monitor	9873	9872	9875	9878
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		9872-40W/O	9875-40W/O	9878-40W/O
Carry-Air Inline Panel (1-8 worker)	9878-100	9878-100	9878-100	9878-100
Wall-Air Inline Panel (1-12 worker) w/ CO Monitor	9878-150	9878-150	9878-150	9878-150
Wall-Air Inline Panel (1-12 worker) w/o CO Monitor	9878-151	9878-151	9878-151	9878-151

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 (W x H x D)	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 w/ CO	1-12 worker	9878-150	150 CFM	150 psig	22"x 19"x 10"	27
Wall-Air 151 CFM Panel w/o CO	1-12 worker	9878-151	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

When 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). An optional CO monitor is available for continuous monitoring of CO levels.

- Housed in a portable, rugged Pelican case with carrying handle and latches for protection and security
- Can be operated in AC or DC mode
- Uses a single 9-volt alkaline battery
- Maximum regulator inlet pressure is 150 psi
- Coupling pigtail and kit included for fast and easy adaptation to an existing air filtration system
- All brass plumbing with quick-disconnect ¼" Hansen plug

**9871-02**



#### SOURCE PRE-FILTER

Where Inlet air quality is especially low, this particulate assembly helps extend the life of the filter panel's disposable filters by removing liquids and contaminants down to 5 microns.

- Offered in free-standing or wall-mounted configurations
- Black powdered coated steel
- Spring loaded relief valve made from Brass
- Equipped with an adjustable regulator and pressure gauge to meet the NIOSH requirement for point-of-attachment

**9350-03**

#### 4-WORKER AIRLINE FILTER

This airline filter is designed to remove oil, mist, water vapor and particulates down to 0.5 microns from breathing grade compressed air. The filter is placed inline between the breathing air source and the respirator airline hose. Air enters the filter through the inlet port and once the air has been filtered; moisture is removed and drained through a drain valve located at the bottom of the airline filter.

- Comes with a four-worker manifold for multiple respirator users
- Made of impact and corrosion-resistant steel, ideally suited for rugged environments
- "Pot" type filter utilizes a large capacity quality filter cartridge to provide longer life
- Can be 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).



#### 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**



#### REMOTE CO ALARM WITH STROBE

Designed and built to be an additional means of warning users of an Allegro Filtration Panel when the Carbon Monoxide level has exceeded 10 PPM (5 PPM in Canada).

- Housed in a portable, rugged Pelican case with carrying handle and latches for protection and security
- Can also be wall-mounted
- Connects to the filtration panel with a 50' cable allowing user to keep the alarm closer to working areas
- Includes both a loud 90 decibel, UL approved, audio alarm and high visible red strobe light with a yellow powder coated cage to protect light
- Can be attached to any Allegro Air Filtration Panel

**9871-01**

#### ECONOMY REMOTE CO ALARM WITH STROBE

The Economy CO Alarm has the same features as the Remote CO Alarm (PN 9871-01) with a smaller profile.

- Housed in a Pelican carry case with 25' of cable
- Yellow powder coated cage (optional)

**9871-01EC**



#### POINT-OF-ATTACHMENT AIR CONTROL SYSTEM

This Point-of-Attachment Air control system connects to any breathing air source. It's designed to meet the NIOSH requirement for point-of-attachment for a SAR breathing system.

- Housed in a portable, rugged Pelican case with carrying handle and latches for protection and security
- Can also be wall-mounted
- Includes an adjustable pressure regulator, pressure gauge and a brass spring-loaded pressure relief valve
- Maximum regulator inlet pressure is 150 psi
- Maximum over pressure: 300 psi
- Meets NIOSH requirements for point of attachment

**9871-03**

#### ECONOMY P.O.A.

The Economy P.O.A. has the same features as our Point-of-Attachment Air Control System without a Pelican carry case.

**9871-03EC**



#### POINT-OF-ATTACHMENT COOLING SYSTEM

Designed to meet the requirements of a POA as per 42CFR part 84 as well as delivering cooler Grade D breathing air to two users. The POA/Cooler also allows for individual pressure adjustments which allows for different hose lengths (100 feet max) and respirator types. It's designed to meet the NIOSH requirement for point-of-attachment.

- Housed in a rugged and durable pelican carry case that can be wall-mounted
- Includes two adjustable pressure regulators, two pressure gauges and a pressure relief valve
- Maximum regulator inlet pressure is 125 psi.
- Capable of cooling breathable air by up to 20°F depending inlet temp, ambient air temp and hose length
- Maximum length airline hose to use is 100 feet
- Vortex cooler is made from a non-toxic engineering plastic and includes an adjustable brass valve for temperature adjustments

**9871-03C**

## HIGH PRESSURE FILTRATION PANELS AND ACCESSORIES

**CO MONITOR CALIBRATION TEST KIT**

The CO Monitor Calibration Kit is essential for the proper operation of the Allegro Industries CO Monitor. It's a two point calibration for accurate monitoring of filtered air by the Oil-Less Compressor, Carry-Air, Wall-Air Filtration Panels.

- Kit includes: 17 liter cylinder each of Span Gas and Zero Gas, a constant flow pressure regulator with gauge and tubing housed in a durable plastic case with integrated carrying handle
- No tools or adjustments needed
- CO Monitor should be calibrated once every two weeks with normal usage

**9872-60** CO Monitor Calibration Test Kit

**9872-61** Calibration Span Gas

**9872-62** Calibration Zero Gas

**O2 CALIBRATION KIT**

The O2 Monitor Calibration Kit is essential for the proper operation of the Allegro Industries O2 Monitor.

- Kit includes: 17 liter cylinder Span gas, a constant flow pressure regulator with gauge and tubing housed in a durable plastic case with integrated carrying handle
- No tools or adjustments needed
- O2 Monitor should be calibrated once every 180 days with normal usage

**9871-65**

**LOW FLOW ALARM**

A low pressure warning device designed to alert users that the incoming supplied air pressure has decreased below a specified minimum value.

- Housed in a portable, rugged Pelican case with carrying handle and latches for protection and security
- A miniature adjustable pressure switch is connected to a battery operated external alarm
- Pressure switch is field adjustable
- Alarm activates when the air pressure falls below the preset or user adjusted setting
- Alarm will turn off once pressure exceeds the alarm pressure setting
- Adjustable Pressure Range: 25 to 100 PSI
- Maximum Over Pressure: 300 PSI
- Power Required: Internal 9 Volt DC
- Audible Alarm Sound: 85 dB
- Factory Pressure Setting: 40 PSI

**9871-50**

**HP ALLEGROAIR AIRLINE COOLING SYSTEM**

Designed for greater user comfort and increased worker productivity, the AllegroAir Airline Cooling System is a low cost and portable means of cooling breathing air produced by high pressure breathing source such as a filtration panel or compressor not to exceed 150 psi.

- Reduces air temperature from 180°F to as low as 50°F
- 70 quart "MAXCOLD" Igloo Cooler
- Durable wheels and locking telescope pull handle
- 5' long inlet supply hose
- Heavy duty Hansen inlet coupler
- Uses FDA Grade, 3-A sanitary standard, PVC tubing for temperature cooling coil
- Pressure regulator includes a pressure gauge and adjustable knob with locking ring
- Inline 5-micon particulate filter with manual drain
- Single outlet coupler can adapt quickly to accept 3-worker manifold
- Use with filtration panels, cascade system or compressor
- Cooling system will provide cool air for hours
- Dimensions: 21"l x 20"w x 24"h, 28 lbs (without ice)

**9820-HP**



**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 downtubes 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

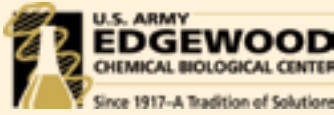


#### **DOUBLE BIB PHARMACEUTICAL MAINTENANCE FREE SARAN® HOOD**

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.

#### FULLY DISPOSABLE HOODS SYSTEM COMPONENTS

1

CHOOSE AN ALLEGRO  
HOOD ASSEMBLY



9911-29



9911-295

2

CHOOSE AN AIR  
CONTROL DEVICE



9990



9991



9992

3

CHOOSE THE APPROPRIATE  
AIRLINE HOSE



SINGLE HIGH PRESSURE  
AIRLINE HOSE

9101-25  
9101-50  
9101-100

4

CONNECT TO ANY  
AIR SOURCE



HIGH PRESSURE  
AIR SOURCE

See pages 16-17



ONLINE VIDEO

**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, 6/box  
**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, 6/box  
**2040-12K** Test solution only



ONLINE VIDEO

**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



ONLINE VIDEO

**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. Meets OSHA 29 CFR 1910.134 requirements.

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

**STANDARD BANANA OIL KIT**

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

**0203****BANANA OIL KIT  
REPLACEMENT SOLUTION**

- 0203-01** 1oz. Solution

**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.

- 0201** 10/box

## RESPIRATOR ACCESSORIES

**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.

**1410** 144/case

**1410-12** 12/pkg.

**SPRAY SOCK DISPENSER BOX**

Our comfortable Spray Socks (PN 1410) are available individually packaged in a handy dispenser box.

**1410-01** 12/box

**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.

**0205** 100/bag, 10 bags/box

**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.

**1440** 144/case

**1440-12** 12/pkg.

**RESPIRATOR CLEANING PADS**

Large (5" x 8"), individually foil-packaged towelettes contain Isopropyl Alcohol 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.

**1001** 100/box

**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.

**3001** 100/box

**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.

**5001** 220/canister

**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/box  
**3001-05** Alcohol Free, 50/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/box  
**3001-10** Alcohol Free, 100/box

## RESPIRATOR CLEANING

**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.  
**4001-R** Cleaning Kit (Canada purchase only)  
**4001-02R** Dry Replacement Soap (Canada purchase only)

**RESPIRATOR CLEANING KIT WITH LIQUID CLEANER**

All the same features as our Respirator Cleaning Kit with the added convenience of a concentrate gallon liquid disinfectant soap. EPA registered.

- 4002** Cleaning Kit  
**5003-U** Replacement Liquid Cleaner  
**4001-05** Disposable Storage Bags, 100/pkg.  
**4002-C** Cleaning Kit (Canada purchase only)  
**5003-C** Replacement Liquid Cleaner (Canada purchase only)

**LIQUID RESPIRATOR CLEANER AND DISINFECTANT (READY-TO-USE)**

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** Sanizide 1 Gallon

**LIQUID RESPIRATOR CLEANER AND DISINFECTANT (CONCENTRATE)**

Recommended for use as an all-purpose cleaner and disinfectant as a part of regular maintenance programs. Intended for use on a variety of hard surfaces found in sports venues, training camps, schools, universities, locker rooms, playgrounds, health clubs, tattoo parlors, child care facilities, prisons/jails and veterinary clinics. It provides broad spectrum effectiveness against gram-positive and gram-negative bacteria including: CA-MRSA (USA 300 & 400), VRE, MRSA & VISA, HIV-1, HBV, HCV, Avian Influenza A Virus, and Human Corona Virus. Combines personal protection and clean-up items mandated by OSHA and State Health Departments.

- 5003-U** Husky 1 Gallon  
**5003-C** Husky 1 Gallon (Canada purchase Only)

**CLEANER AND DISINFECTANT SPRAY (READY-TO-USE)**

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** Sanizide 32oz. Spray Bottle

**CLEANER AND DISINFECTANT SPRAY (READY-TO-USE)**

This convenient trigger spray bottle makes for quick and easy, ready-to-use cleaning and disinfecting of personal safety equipment. Recommended for use as an all-purpose cleaner and disinfectant as a part of regular maintenance programs. Intended for use on a variety of hard surfaces found in sports venues, training camps, schools, universities, locker rooms, playgrounds, health clubs, tattoo parlors, child care facilities, prisons/jails and veterinary clinics. It provides broad spectrum effectiveness against gram-positive and gram-negative bacteria including: CA-MRSA (USA 300 & 400), VRE, MRSA & VISA, HIV-1, HBV, HCV, Avian Influenza A Virus, and Human Corona Virus. Combines personal protection and clean-up items mandated by OSHA and State Health Departments.

- 5004-C** Husky 32oz. Spray Bottle (Canada Purchase Only)

OUR COMPREHENSIVE LINE OF  
CONVENIENT STORAGE PRODUCTS  
ALLOW YOUR RESPIRATOR EQUIP-  
MENT 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.



## WALL CASES



### 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 ultra-violet 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.

<b>4100</b>	Deluxe Wall Case
<b>4101</b>	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.



<b>4125</b>	Hi-Viz Yellow
<b>4150</b>	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.



<b>4325</b>	Hi-Viz Yellow
<b>4350</b>	Hi-Viz Green

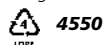


## WALL CASES

**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:	12¾"w x 8¾"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 9½"d x 18"h
Interior:	12"w x 7½"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 9½"d x 21"h
Interior:	12"w x 7½"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 9½"d x 18"h
Interior:	12"w x 7½"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.

<b>4110-15</b>	w/ 5¼" clip
<b>4110-16</b>	w/ 6¾" clip
<b>4110-17</b>	w/ 7¼" clip
<b>4110-18</b>	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"l x 12"w x 13"h

**4100-45****4111 Series****4110-04****DELUXE SCBA BRACKET**

The Deluxe SCBA Bracket is constructed of durable coated steel.

<b>4111-05</b>	5¼" clip fits 30 min., hp
<b>4111-06</b>	6¾" clip fits 30 min., lp & 45 min., hp
<b>4111-07</b>	7¼" clip fits 60 min., hp

**EBA BRACKET**

For escape breathing apparatus. 4¾" clip fits 5/10 minute EBA.

**4110-04**

## WALL CASES

**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**

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**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.

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



## STORAGE &amp; CARRY BAGS

**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****LARGE 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**EXTRA LARGE 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**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.

**2010** (half mask size) 7" w x 4" d x 9" h  
**2020** (full mask size) 9" w x 5" d x 11" 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**

## DEFIBRILLATOR STORAGE

**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**

## SAMPLING

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.

## CASSETTES

**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/box

Note: Use with 9804-19 adapter

**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/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/box

**9804-16**



S E L E C T I O N   G U I D E						
Part No.	MODEL	M2 MULTI-MOLD™ CASSETTE	IMPACTOR	PCM .8µ CASSETTE	TEM .45µ & 5.0µ CASSETTE	37mm CASSETTE
9805	Diaphragm	■	■	■	■	■
9801 / 9801-88	T101	■	■	■	■	■
9800	D-2	■	■	■	■	■
		Mold		Asbestos		Lead

## SAMPLING PUMPS

**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



ONLINE VIDEO

**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

**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 SETUP.



## AIR BAGS



### AIR BAG 8

Featuring an 8" metal blower system with 15' or 25' ducting 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.



ONLINE VIDEO

Free Air (high speed)	760	25 lbs	¼ hp	120V AC
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**9535-08** with 15' ducting  
**9535-08L** with 25' ducting



### AIR BAG 12

Featuring a 12" metal blower system with 15' or 25' ducting 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
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**9535-12** with 15' ducting  
**9535-12L** with 25' ducting



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



**9533-E**

#### 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



**9538-E**

#### DC MODEL

Designed for easy use and storage, available as a complete system with 15' or 25' of ducting and storage canister, and Alligator Clips. Allegro DC Blowers are designed to be used with standard car or truck batteries as the source of power.

Free Air	One 90° Bend	Two 90° Bends
816 CFM	526 CFM	442 CFM
17 lbs.	1/4 hp	22A/12V DC

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

DOWNLOAD  
OUR CFM  
BLOWER  
SELECTOR APP  
TODAY

**CE** Complies with the relevant European product safety directives.

**E** 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 53.

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

\*\* Explosion-Proof Blowers require an explosion-proof socket. See page 51.



### SWING ARM BLOWER

Designed specifically to direct air exactly where you need it. By mounting our swing arm blower assembly, you can replace hot, cold or musty air with clean, fresh breathable air from your confined spaces, specifically large trailers. When application is complete,

unit folds up neatly and stores tightly against the wall. For blower specifications, please refer to our 8" Plastic COM-PAX-IAL Blower (PN 9533).

**9533-20** 8" Plastic COM-PAX-IAL Blower w/ Swing Arm and Mounting Bracket

#### SWING ARM

- Dual articulating arm for precise positioning
- 1 1/2" yellow powder-coated steel tubing
- Two 10 gauge metal L-shape mounting brackets included
- 26 lbs weight limit

**9533-21** Swing Arm only

**9533-22** Swing Arm Mounting Bracket

## PLASTIC AXIAL BLOWERS



### 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
	1/4 hp	22A/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**



Canister  
ventilation.



### 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.

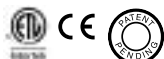
Free Air	One 90° Bend	Two 90° Bends
1842	1004	933
28 lbs.	1 hp	110/220V AC, 50/60 Hz

**9543** 12" Plastic Axial Blower



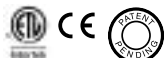
**9543-E**

**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" is available as a complete system with 15' or 25' of ducting, storage canister and alligator clips. Allegro DC Blowers are designed to be used with standard car or truck batteries as the source of power.

Free Air	One 90° Bend	Two 90° Bends
1330	1005	808
28 lbs.	1/4 hp	22A/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 25' ducting—49 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**



**CE** Complies with the relevant European product safety directives.

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

**ETL** 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 53.

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

\*\* Explosion-Proof Blowers require an explosion-proof socket. See page 51.

## PLASTIC AXIAL BLOWERS

**16" PLASTIC AXIAL BLOWER WITH CANISTER**

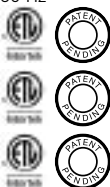
Lightweight, portable and durable, this high output blower is ideally suited for large confined spaces such as paper mills, tank purging or utility sites. This blower is safety orange in color and is made from corrosion-, UV- and chemical-resistant polyethylene. The polyethylene housing and canister assembly are designed to be both lightweight and super quiet. 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, built-in on/off switch, enclosed electrical components, 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
3200	2350	2250
40 lbs.	1 hp	115V/60 Hz

**9553** 16" Plastic Axial Blower

**9553-15** 16" Plastic Axial Blower with canister and 15' ducting—66 lbs.

**9553-25** 16" Plastic Axial Blower with canister and 25' ducting—72 lbs.

**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

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OUR CFM  
BLOWER  
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### 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



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BLOWER  
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CE Complies with the relevant European product safety directives.



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 53.

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

\*\* Explosion-Proof Blowers require an explosion-proof socket. See page 51.

## INDUSTRIAL PLASTIC BLOWERS

**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**

Includes all the same great features as the 9539-12, and also includes alligator clips. Allegro DC Blowers are designed to be used with standard car or truck batteries as the source of power.

Free Air	One 90° Bend	Two 90° Bends
1450 CFM	1075 CFM	900 CFM
19 lbs.	¼ hp	22A/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.	⅓ hp	115V/60 Hz

**9539-12EX****16" INDUSTRIAL PLASTIC BLOWER**

Lightweight, portable and durable, this high output blower is ideally suited for large confined spaces such as paper mills, tank purging or utility sites. Safety orange in color and is made from corrosion-, UV- and chemical-resistant polyethylene. This blower delivers both positive and negative airflow from a 3-blade polypropylene fan. Super quiet, molded carry handle, with built in On/Off switch as well as enclosed electrical components are all part of the construction and design of this blower.

**AC MODELS**

Free Air	One 90° Bend	Two 90° Bends
3200 CFM	2350 CFM	2250 CFM
40 lbs.	1 hp	115V/60 Hz

**9539-16**



### 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**  **9513-E**

### 8" DC AXIAL BLOWER

Allegro DC Blowers are designed to be used with standard car or truck batteries as the source of power. 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	800	650
18 lbs.	1/4 hp	22A/12V DC

**9506**


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BLOWER  
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### 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. Allegro DC Blowers are designed to be used with standard car or truck batteries as the source of power.


Free Air	One 90° Bend	Two 90° Bends
1150	800	650
31 lbs.	1/4 hp	22A/12V DC

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

Free Air	One 90° Bend	Two 90° Bends
1150	800	650
37 lbs.	1/4 hp	22A/12V DC

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

 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 53.  
Warning: Explosion-proof blowers must be used with statically conductive ducting.

\*\* Explosion-Proof Blowers require an explosion-proof socket. See page 51.

## AXIAL BLOWERS

**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 8" MVP

**9520-14M**

AC Axial Blower System with 8" MVP

**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" 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**

Allegro DC Blowers are designed to be used with standard car or truck batteries as the source of power. 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	22A/12V DC

**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. Allegro DC Blowers are designed to be used with standard car or truck batteries as the source of power.

Free Air	One 90° Bend	Two 90° Bends
796	667	480
31 lbs.	1/4 hp	22A/12V DC

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

Free Air	One 90° Bend	Two 90° Bends
796	667	480
36 lbs.	1/4 hp	22A/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 for easy transport. Features Alligator clips, 12 volt electric motor. Allegro DC Blowers are designed to be used with standard car or truck batteries as the source of power.

Free Air	One 90° Bend	Two 90° Bends
1685	1220	1020
24 lbs.	1/4 hp	22A/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.

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

**9515**   
 **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. 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** 

### 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	8.2A/4.1A/115/230V AC


**9515-01** 

### 16" EXPLOSION-PROOF HIGH OUTPUT BLOWER


Designed for applications requiring a maximum amount of output. Made from 16 gauge cold rolled steel housing and powder coated in safety orange with 3 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 for easy transport and a steel/zinc plated grill. 4 rubber feet, built in on/off switch, voltage change switch are added features of this powerhouse unit.

Free Air	One 90° Bend	Two 90° Bends
4839	2942	2926
62 lbs.	1 1/2 hp	15.5A/7.8A/115/230V AC, 50/60 Hz

**9515-50EX**

 **9515-50EXE**

 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 53.

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

\*\* Explosion-Proof Blowers require an explosion-proof socket. See page 51.

## AXIAL BLOWERS

**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, rubber feet and powder coated in hi-viz orange.

Free Air	One 90° Bend	Two 90° Bends
4650 CFM	3150	2950
56 lbs.	1/2 hp	7.2A/115V AC

**9525****9525-E****20" HIGH OUTPUT BLOWER**

Designed for applications requiring a maximum amount of output. Made from 16 gauge cold rolled steel housing and powder coated in safety orange with 3 blade impeller. Interchangeable flange for intake or exhaust mounting. Integrated carry handles for easy transport. Steel/Zinc plated grill and 4 rubber feet 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****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.	1/2 hp	8.2A/4.1A/115/230V AC

**9525-01****20" EXPLOSION-PROOF HIGH OUTPUT BLOWER**

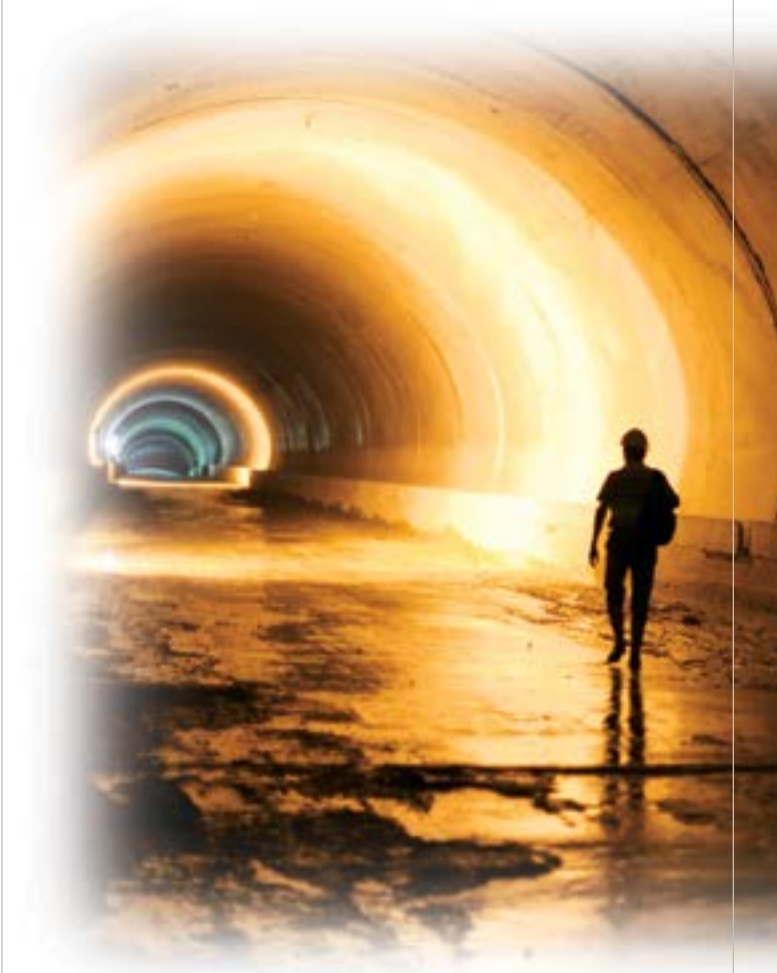
Designed for applications requiring a maximum amount of output. Made from 16 gauge cold rolled steel housing and powder coated in safety orange with 3 blade impeller. Powered by a 1 1/2 hp, 3450 RPM UL Listed, IECex/ATEX/INMETRO Certified Motor. Comes with an 115V plug, interchangeable flange for intake or exhaust mounting, integrated carry handles for easy transport and a steel/zinc plated grill. 4 rubber feet, built in on/off switch and voltage change switch are added features of this powerhouse unit.

Free Air	One 90° Bend	Two 90° Bends
6837	5268	4829
71 lbs.	1 1/2 hp	15.5A/7.8A/115/230V AC, 50/60 Hz

**9525-50EX****9525-50EXE****26" 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, integrated carry handles, rubber feet and powder coated in hi-viz orange.

Free Air	One 90° Bend	Two 90° Bends
9570 CFM	8610	7750
105 lbs.	2 hp	7.2A/115V AC

**9530**



### 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/115/230V 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**

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 53.

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

\*\* Explosion-Proof Blowers require an explosion-proof socket. See page 51.

## CENTRIFUGAL BLOWERS

**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.	3.5 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.


- 9520-04M** AC Standard Blower System with 8" MVP
- 9520-50M** High Output Blower System with 8" MVP
- 9520-05M** Gas Blower System with 8" MVP (Subaru)
- 9520-07M** Two Speed Blower System with 8" MVP
- 9520-03M** Ex Blower System

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



### 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



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

## CARPET BLOWERS

**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. UL listed. Certified to CSA STE C22.2 No 113.

Dimension:	20"w x 17"d x 20"h	
Weight:	28 lbs	
Power Supply:	1/2 hp	115V/60 Hz

**9519-03****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:	15"w x 21"d x 21"h	
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.



**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.

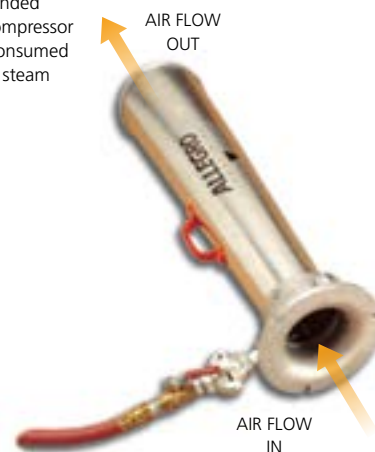


### OPERATION

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" to 1½" 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 (for use in hazardous locations)
- Static ground wire 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

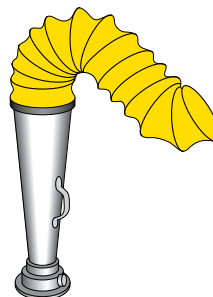
A I R F L O W				
Part Nos.		Inlet Pressure		
		60 PSIG	80 PSIG	100 PSIG
TOTAL AIR FLOW:				
<b>9518-03S 9518-13S</b>		865 CFM	1080 CFM	1205 CFM
<b>9518-03 9518-13</b>		1135 CFM	1310 CFM	1465 CFM
<b>9518-06 9518-16</b>		2560 CFM	3020 CFM	3700 CFM
<b>9518-08 9518-18</b>		4215 CFM	4810 CFM	5435 CFM
<b>9518-10</b>		6180 CFM	7305 CFM	8220 CFM
AIR CONSUMED:				
<b>9518-03S 9518-13S</b>		30 SCFM	40 SCFM	50 SCFM
<b>9518-03 9518-13</b>		30 SCFM	40 SCFM	50 SCFM
<b>9518-06 9518-16</b>		60 SCFM	80 SCFM	100 SCFM
<b>9518-08 9518-18</b>		110 SCFM	140 SCFM	180 SCFM
<b>9518-10</b>		190 SCFM	250 SCFM	380 SCFM
FREE AIR INDUCTION RATIOS: (Air Flow divided by Air Consumed)				
<b>9518-03S 9518-13S</b>		28.83	27.00	24.10
<b>9518-03 9518-13</b>		37.83	32.75	29.30
<b>9518-06 9518-16</b>		42.67	37.75	37.00
<b>9518-08 9518-18</b>		38.32	34.36	30.19
<b>9518-10</b>		32.53	29.22	21.63

### EXAMPLE:

When using 9518-03S or 9518-13S with air supply 60 PSIG and 30 SCFM, the total outlet air flow will generate up to 865 CFM.

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

Models 9518-06, 9518-08, 9518-10, 9518-16, and 9518-18 use 16 inch ducting.



See Blower Accessories page 51.

### ACCESSORY PART NUMBERS

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

### DUCTING PART NUMBERS

<b>9500-15</b>	15' of 8" Duct
<b>9500-25</b>	25' of 8" Duct
<b>9500-15EX</b>	15' of 8" Statically Conductive Duct
<b>9500-25EX</b>	25' of 8" Statically Conductive Duct
<b>9600-15</b>	15' of 16" Duct
<b>9600-25</b>	25' of 16" Duct
<b>9600-15EX</b>	15' of 16" Statically Conductive Duct
<b>9600-25EX</b>	25' of 16" Statically Conductive Duct

## 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 up to 11,000 CFM at 80 psig. Heavy duty ball bearings are permanently lubricated and sealed for the life of the fan. Added features include 3/4" 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 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 3/4" 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 )							
Jet Fan Size	Inlet Pressure (PSIG)	Air Consumption (CFM)	Static Pressure (in inches of water)				
			0"	1"	2"	3"	4"
20" Jet Fan	40	125	7000	4500	2500	1050	
	60	160	9500	7200	5150	3450	2100
	80	210	11000	9450	7700	6000	4500
24" Jet Fan	40	230	11500	9000	5200	3400	1000
	60	324	14500	12500	10100	7800	5600
	80	400	16900	14200	11000	9500	7200





#### 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

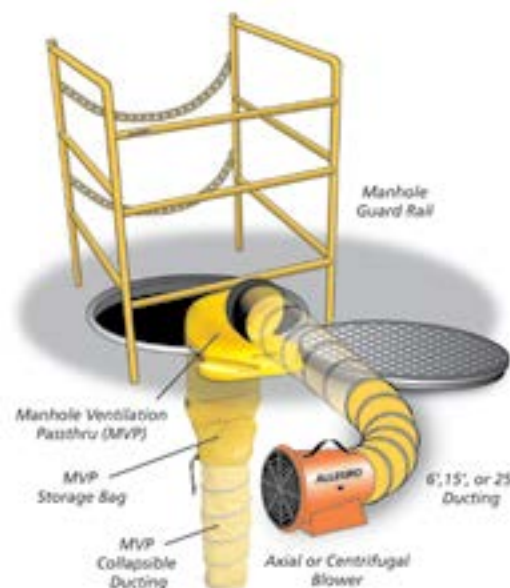


#### 12" MANHOLE VENTILATION PASSTHRU (MVP)

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



## BLOWER ACCESSORIES

**ADAPTER REDUCER**

Our lightweight yellow and black soft nylon adapter reducer is rugged enough to stand up to any working condition and is designed for most air handling capabilities. Its flexible and collapsible design allows for easy storage when not in use. The reducer is available in three models and includes a duct-to-duct connector. *Note: 16" reducers can NOT be used with 9516 and 9515-50EX blowers.*

- 9550-50** 12" - 8" Flexible Vinyl  
**9600-50** 16" - 8" Flexible Vinyl  
**9600-55** 16" - 12" Flexible Vinyl  
**9509-03** 12" - 8" Metal (Use only with 9509 Series)

**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** 8" diameter

**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** 110V  
**9503-06** 220V

**EXPLOSION-PROOF EXTENSION CORD**

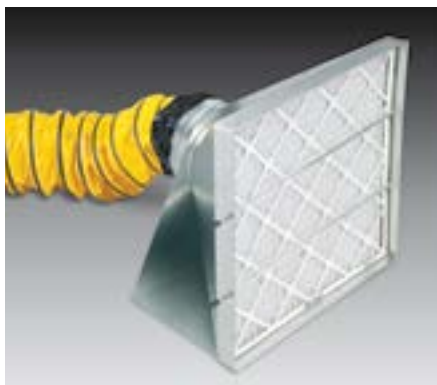
This 50' black extension cord comes with a 20 AMP connector and plug. Weather resistant at a temperature range of -40°F (-40°C) to 194°F (90°C). Flexible and provides excellent abrasion resistance. UL Listed and CSA certified for indoor and outdoor use. CSA Certifications: Class I Division 1 & 2 Groups 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** 110V  
**9540-60EX** 220V

**STANDARD EXTENSION CORD**

This 50' yellow extra heavy duty cord powers 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**

**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 sized to fit standard 8", 12", 16" or 20" circular ducting. The adapter inlets measure 8"x 8"x 8", 12"x 12"x 12", 16"x 16"x 16" or 20"x 20"x 20" 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, 4 lbs  
**9550-Y** 12" diameter Y-Duct Connector, 7 lbs  
**9600-Y** 16" diameter Y-Duct Connector, 10½ lbs  
**9650-Y** 20" diameter Y-Duct Connector, 16 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  
**9700-26** 26" diameter

## DUCTING



8" DIA.

12" DIA.

16" DIA.

20" DIA.

26" DIA.

**DUCTING**

We can handle all your ducting needs with this extensive offering in 5 different diameters: 8", 12", 16", 20" and 26". The 8" ducting is available in 6', 15' and 25' lengths. The 12", 16" and 20" and 26" 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.

	8"	12"	16"	20"	26"
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>	<b>9700-15</b>
25 feet	<b>9500-25</b>	<b>9550-25</b>	<b>9600-25</b>	<b>9650-25</b>	<b>9700-25</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.

	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 flat. Length: 500'.

**9500-500**

Fits up to 14" blowers

**9600-500**

Fits 16" and 20" blowers

## VENTILATION INFORMATION



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.

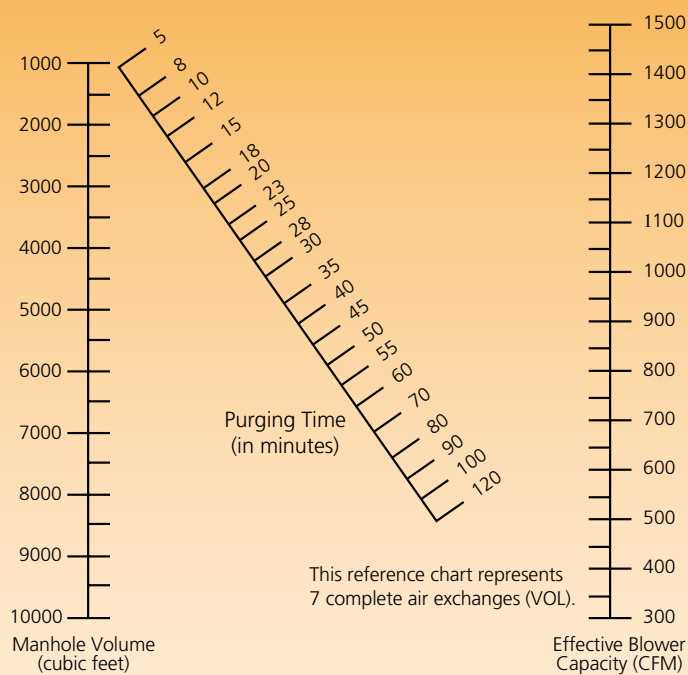
**CONFINED SPACE VOLUME**  
(CUBIC FEET) **BLOWER CUBIC FEET PER MIN. (CFM) OUTPUT NEEDED\***

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.

\* WARNING: Explosion-proof blowers must be used with statically conductive ducting.

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 HARSHTEST CONDITIONS. ALONG WITH THE EXPANDED AND INNOVATIVE WORK TENT OFFERINGS AND A FAMILY OF DEWATERING PUMPS, IS A VARIETY OF TOOLS AND ACCESSORIES DESIGNED TO PERFORM FOR YOU YEAR AFTER YEAR. 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 2½"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"l x 8"w x 12"h, Weighs 14 lbs.

**9401-50**

# WORK TENTS AND HEATERS



## 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.

- 9401-66** 6'w x 6'd x 6½'h, 1 door
- 9401-88** 8'w x 8'd x 7½'h, 1 door
- 9402-66** 6'w x 6'd x 6½'h, 2 doors
- 9402-88** 8'w x 8'd x 7½'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**



**ONLINE VIDEO**



### 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 28", 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' nylon 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.*



### 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**



### 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**



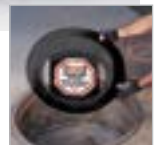
ONLINE VIDEO



### 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 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



# ACCESSORIES

## 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 660 lb. magnet (lift weight)
- 9401-26** Steel Dolly and 900 lb. magnet (lift weight)
- 9401-25A** Aluminum Dolly and 660 lb. magnet (lift weight)
- 9401-26A** Aluminum Dolly and 900 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 660 lbs. The heavy duty magnet with lift manhole lids up to 900 lbs. Requires no special tools or power sources.

- 9401-28** 660 lb. magnet (lift weight)
- 9401-28S** 900 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**



## 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., 1 1/16" 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**



## COMPACT MAGNETIC LID LIFTER

The toughest manhole covers are easy to move with this lightweight, one-piece compact magnetic lid lifter.

- Durable aluminum handle and base
- Rubber grips on handles for easier handling
- Impaction protection guards around the magnets
- Storage tray for mobility during transportation
- Height: 34", Weight: 14 lbs.
- Shell Guard Dimensions: 13" l x 8" w
- Magnets:
  - Made from rare neodymium that doesn't wear out
  - 3 used: 3.5" l x 2" w, Weight: 12 lbs.
  - 500 lbs. lifting capacity

**9401-35**

DEWATERING PUMPS

**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 DEWATERING  
PUMP**

Excellent for manholes, vaults, construction sites and all dewatering needs. Offers top discharging and allows continuous operation in low water levels. Includes synthetic rubber wear parts and vortex impeller. Fire hose quick connect fitting. 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		C.W.L.* INCH
9404-02	Standard Pump	2	2/3	Single	39 1/2	63 1/2	5.4	Capacitor	21	32	7 3/8	12	2
9404-03	Low Water Pump	2	2/3	Single	39	63	5.4	Capacitor	21	32	8 1/4	12	3/4
9404-04	Sludge Pump	2	1/2	Single	39	50	5.1	Capacitor	25	16	9 1/2	13 3/8	3 1/2
9404-05	Submersible Pump	1.5	1/3	Single	25	43	30.0		33	30	10	19 1/4	

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

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

# 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.



## BACK SUPPORT



### 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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## 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 waterproof 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 polypropylene 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.



# WRIST AND ELBOW SUPPORT



## 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 of your hand to eliminate the symptoms of CTS and other repetitive strain injuries. Its lightweight flexible material 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>

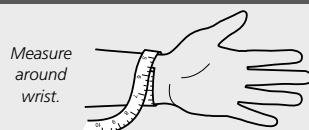


## THIN FLEXRIST

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"

## KNEE PROTECTION

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.

## KNEE PADS

**MAXKNEE**

Perfect for kneeling on rough abrasive surfaces, MaxKnee is excellent for any application that demands maximum performance. It is designed with a hard poly 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.

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

Designed with a hard poly 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.

**7103-Q****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 poly 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**

## KNEE PADS

**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 EVA 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.

**7105****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****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 poly 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 rubber 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**

## KNEE PADS

**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 rubber 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 flexible poly material 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 poly 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 poly cap is stitched on for greater strength and won't allow particles underneath to cause discomfort. Tough polyester 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 poly 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, ¾" 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 side protection. The large poly cap is molded to conform to the shape of the knee for maximum protection. The double strap system uses 1½" straps with deluxe quick release buckles, and allows for easy adjustment and a snug fit while ensuring greater stability and side protection.

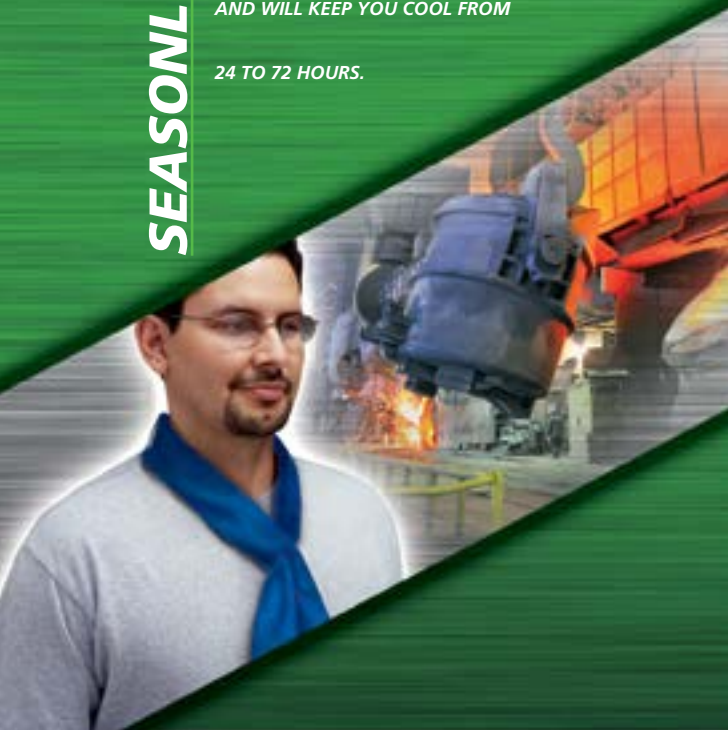
**6990****DISPOSABLE KNEE PAD**

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**

# SEASONAL CLIMATE CONTROL

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 PRODUCTS



### 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.

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

### VEST HOSE

- 8400-50** Air Source Hose 50' w/Snap Tite Coupler, plug
- 8400-100** 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



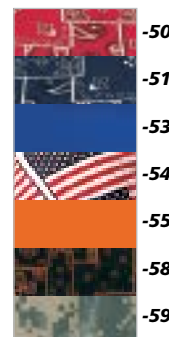
ONLINE VIDEO

## COOLING PRODUCTS

**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 5 to 9 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.

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



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**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"

**FEATHER ICE INSERTS**

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

**8413-11****PHASE CHANGE INSERT**

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

**8414-11****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"

**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**

## COOLING PRODUCTS

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

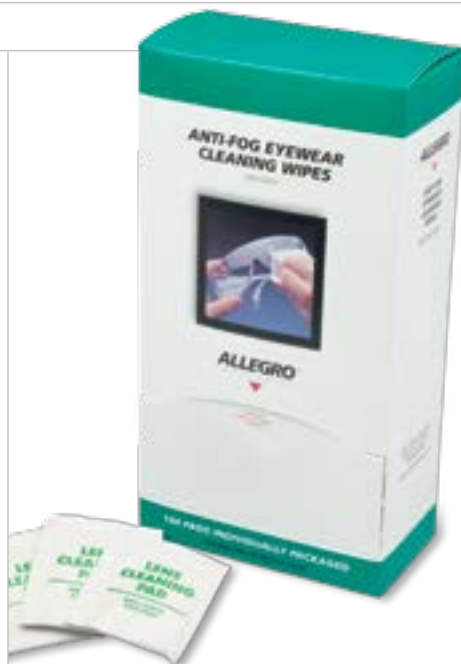
These four disks are lightweight and low profile, but after soaking for 5 to 9 minutes, you can enjoy a cooling effect for up to 72 hours. The contoured design allows for a great fit and attaches with hook and loop tabs into any type of hat, including hardhats.

**8411-01**

# LENS CARE

ALLEGRO'S COMPREHENSIVE LENS CARE PRODUCT LINE PROVIDES EVERYTHING YOU NEED TO EFFECTIVELY CLEAN AND CARE FOR YOUR EYEGLASSES HELPING YOU WORK SAFELY AND EFFICIENTLY. FROM PRE-MOISTENED LENS CLEANING WIPES TO LENS CLEANING STATIONS, ALLEGRO IS YOUR ONE-STOP SUPPLIER FOR ALL YOUR LENS CARE NEEDS!

## LENS CLEANING



### EYEWEAR CLEANING WIPES

Perfect for cleaning eyewear, 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 2½" d x 9" h

**0350** 100/box  
**0350-1000** Bulk (1000)

### 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** 200/bucket



### 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" h

**0353** 100/canister



### 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 5" d x 12¾" h

**0355** 1200/container



### 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 5½" d x 8¾" h

**0355-01** 600/container



### 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 3¼" d x 12" h

**0351** 760/container



### 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 bottle, (bottle not included)  
**0357-02** Spray Pump for 16 oz.  
**0357-03** Bulk, 760/pack, 5" x 6½" tissues  
**0358-01** 300/box 4" x 5" tissues



1360 SHILOH CHURCH ROAD  
PIEDMONT, SC 29673

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